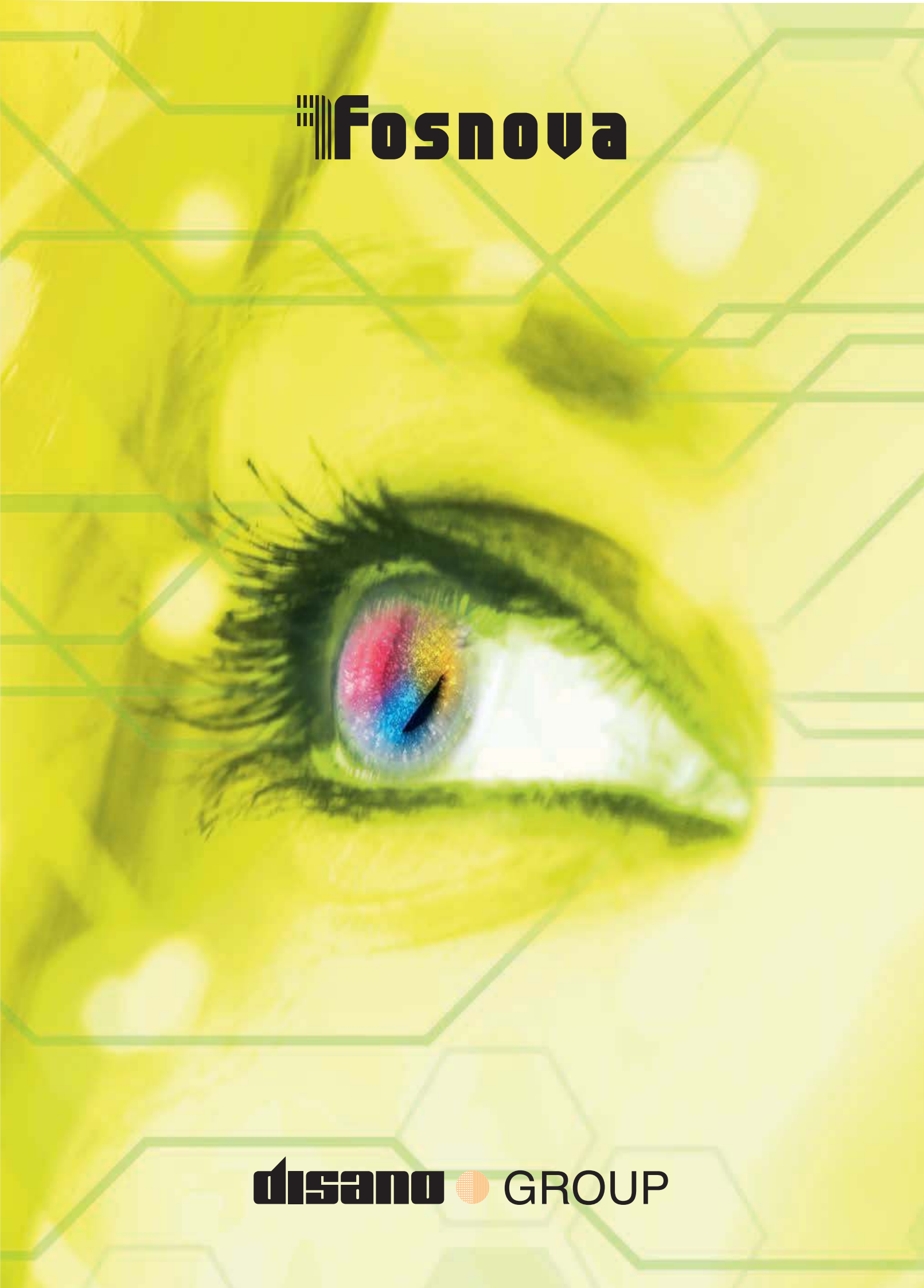




**fosnova**

**disano**  **GROUP**







## Environmental advantages

- Extremely long working life
- Reduced maintenance costs
- Growing efficiency
- Instant switch-on mode
- Dimming option with no colour temperature variations
- Filter-free direct coloured light emission
- Complete colour spectrum
- Dynamic colour control mode (DMX, DALI)
- Can be switched on also at low temperature rates (-35°C)
- Low-voltage DC power supply
- Unidirectional light emission (light is shed only upon the desired object or area)
- Photobiological safety.



## General advantages

- Mercury-free
- No IR or UV components can be found in the visible light spectrum
- Reduced use of renewable and non-renewable energy sources
- Environment enhancement
- No light pollution
- Less power
- Less power installed in each lighting point



## Design-related advantages

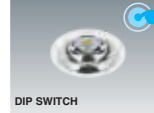
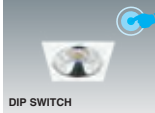
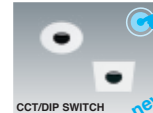
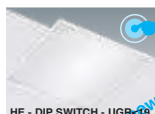
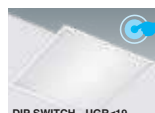
- Wide choice of design solutions
- Bright, saturated colours
- Vibration resistant lights



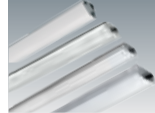
## Advantages for users

- A wide range of different colours together with compact and flexible modules enable many creative and innovative design solutions.
- Lower energy consumption, longer working life and reduced maintenance facilitate the creation of interesting applications.
- Excellent reliability guarantees safety even in difficult operating conditions

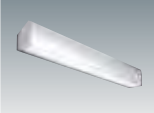
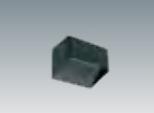
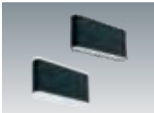
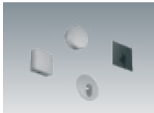
## Recessed downlights

|                                                                                                                           |                                                                                                                                  |                                                                                                                                             |                                                                                                                                |                                                                                                                                 |                                                                                                                                          |                                                                                                                             |                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <br>CCT/DIP SWITCH new<br>Rubin p. 6      | <br>CCT/DIP SWITCH new<br>Honey p. 12           | <br>DIP SWITCH<br>Saving p. 20                             | <br>CCT/DIP SWITCH new<br>Techno B p. 22      | <br>DIP SWITCH<br>Studio p. 27                 | <br>DIP SWITCH<br>Studio B p. 28                      | <br>DIP SWITCH<br>Office p. 30           | <br>CCT/DIP SWITCH<br>Milano p. 34                |
| <br>Jet - IP65 p. 36                      | <br>DIP SWITCH<br>Jet Q IP44 p. 38              | <br>DIP SWITCH<br>Jet IP44 p. 40                           | <br>DIP SWITCH<br>Luthor p. 42                | <br>DIP SWITCH new<br>Eco Lex p. 46            | <br>DIP SWITCH<br>Eco Lex Q p. 52                     | <br>DIP SWITCH<br>Energy p. 54           | <br>Slim Lex P p. 58                              |
| <br>CCT SWITCH new<br>Slim Lex p. 60      | <br>CCT/DIP SWITCH new<br>Antares p. 64         | <br>CCT/DIP SWITCH new<br>iSpot AS p. 65                   | <br>Speaker p. 66                             | <br>Arq new p. 68                              | <br>CCT/DIP SWITCH new<br>Snow p. 76                  | <br>CCT/DIP SWITCH new<br>iSpot p. 84    | <br>CCT/DIP SWITCH new<br>iSpot Hotel p. 88       |
| <br>CCT/DIP SWITCH new<br>Low Glare p. 90 | <br>Sun T-Q p. 92                               | <br>CCT/DIP SWITCH new<br>Fenix p. 94                      | <br>Sirio p. 96                               | <br>Eco Deimos p. 97                           | <br>CCT SWITCH<br>Eco Janus p. 98                     | <br>CCT SWITCH<br>Marte p. 100           | <br>M40-M42-M44 new p. 108                        |
| <br>M65-Q65 new p. 110                   | <br>CCT/DIP SWITCH<br>New iSpot Comfort p. 112 | <br>CCT/DIP SWITCH<br>Spark p. 116                        | <br>Serie M p. 122                           | <br>Serie W p. 125                            | <br>Spot MW - M p. 126                               | <br>Spot panel p. 128                   | <br>CCT/DIP SWITCH<br>Trimless A p. 130          |
| <br>CCT/DIP SWITCH<br>Trimless B p. 136 | <br>Nizza p. 142                              | <br>HE - DIP SWITCH - UGR<19 new<br>Toledo UGR<19 p. 145 | <br>HP - UGR<19 new<br>Toledo UGR<19 p. 146 | <br>UGR<19 new<br>Toledo UGR<19 p. 147       | <br>HP - UGR<22 new<br>Toledo UGR<22 p. 148         | <br>UGR<22 new<br>Toledo UGR<22 p. 149 | <br>UGR<19 - TW/HCL new<br>Toledo TW/HCL p. 150 |
| <br>Pannello B p. 154                   | <br>DIP SWITCH<br>Pannello B p. 155           | <br>UGR<19<br>PanelTech p. 156                           | <br>DIP SWITCH - UGR<19<br>PanelTech p. 157 | <br>HE/HP - UGR<19<br>PanelTech HE/HP p. 158 | <br>HE - DIP SWITCH - UGR<19<br>PanelTech HE p. 159 | <br>Frame LED new p. 161               | <br>Sky Panel new p. 162                        |

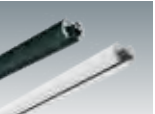
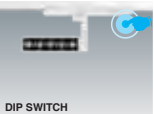
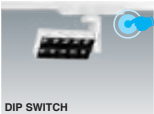
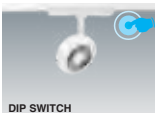
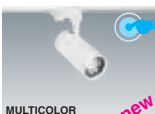
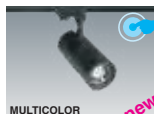
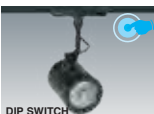
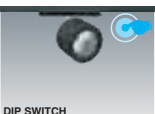
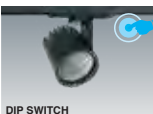
## Systems

|                                                                                                                                 |                                                                                                                       |                                                                                                                               |                                                                                                                           |                                                                                                                     |                                                                                                                     |                                                                                                                             |                                                                                                                        |
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| <br>LISET 2.0<br>SQ p. 208                    | <br>LISET 2.0<br>RT p. 210         | <br>LISET 2.0<br>Light blade p. 212        | <br>LISET 2.0<br>Wall p. 214           | <br>LISET 2.0<br>OR p. 218       | <br>LISET 2.0<br>OFFICE p. 220 | <br>LISET 2.0<br>HOME p. 222           | <br>LISET 2.0<br>TABLE p. 224     |
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## Luminaires

|                                                                                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
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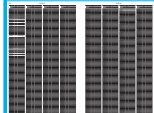
## Floodlights - Powered tracks

|                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
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## Technical components - Info

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RUBIN

CCT/DIP SWITCH

new



HONEY

CCT/DIP SWITCH

new



SAVING

DIP SWITCH



TECHNO B

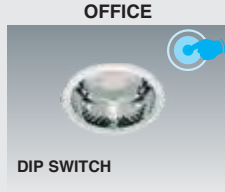
CCT/DIP SWITCH

new



STUDIO - STUDIO B

DIP SWITCH



OFFICE

DIP SWITCH



MILANO

CCT/DIP SWITCH



JET IP65

|                         |       |
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| Honey CCT/DIP SWITCH    | p. 12 |
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| Milano CCT/DIP SWITCH | p. 34 |
| Jet - IP65            | p. 36 |



JET IP44

DIP SWITCH



LUTHOR

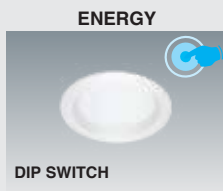
DIP SWITCH



ECO LEX

DIP SWITCH

new



ENERGY

DIP SWITCH

|                       |       |
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| Jet Q IP44 DIP SWITCH | p. 38 |
| Jet IP44 - DIP SWITCH | p. 40 |
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| Energy DIP SWITCH     | p. 54 |



SLIM LEX P - SLIM LEX

CCT SWITCH

new



ANTARES - ISPOT AS

CCT/DIP SWITCH

new

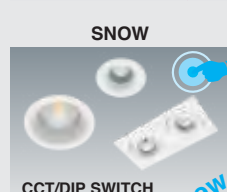


SPEAKER



ARQ

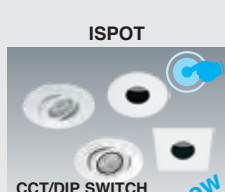
|                         |       |
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| Slim Lex P              | p. 58 |
| Slim Lex                | p. 60 |
| Antares CCT/DIP SWITCH  | p. 64 |
| iSpot AS CCT/DIP SWITCH | p. 65 |
| Speaker                 | p. 66 |
| ARQ                     | p. 68 |



SNOW

CCT/DIP SWITCH

new



ISPOT

CCT/DIP SWITCH

new



LOW GLARE

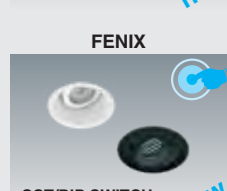
CCT/DIP SWITCH

new



SUN T - Q

|                            |       |
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| iSpot CCT/DIP SWITCH       | p. 84 |
| iSpot Hotel CCT/DIP SWITCH | p. 88 |
| Low Glare CCT/DIP SWITCH   | p. 90 |
| Sun T-Q                    | p. 92 |



FENIX

CCT/DIP SWITCH

new



SIRIO - ECO DEIMOS/JANUS

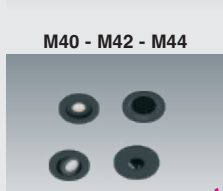
CCT SWITCH



MARTE

CCT SWITCH

new



M40 - M42 - M44

|                      |        |
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| Sirio                | p. 96  |
| Eco Deimos           | p. 97  |
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| Marte                | p. 100 |
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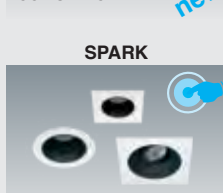
M65 - Q65

new



NEW ISPOT COMFORT

CCT/DIP SWITCH



SPARK

CCT/DIP SWITCH

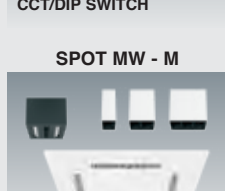


SERIE M

|                      |        |
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| M65-Q65              | p. 110 |
| New iSpot Comfort    | p. 112 |
| Spark CCT/DIP SWITCH | p. 116 |
| Serie M              | p. 122 |



SERIE W

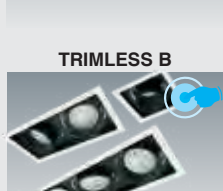


SPOT MW - M



TRIMLESS A

CCT/DIP SWITCH



TRIMLESS B

CCT/DIP SWITCH

|             |        |
|-------------|--------|
| Serie W     | p. 125 |
| Spot MW - M | p. 126 |
| Spot panel  | p. 128 |
| Trimless A  | p. 130 |
| Trimless B  | p. 136 |



NIZZA



TOLEDO UGR<19

HE - DIP SWITCH

new



TOLEDO UGR<22

new



TOLEDO UGR<19

TW/ HCL

new

|                        |        |
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| Toledo UGR<22          | p. 148 |
| Toledo UGR<19 - TW/HCL | p. 150 |



PANNELLO B

DIP SWITCH



PANELTECH

DIP SWITCH



FRAME LED

new



SKY PANEL

|            |        |
|------------|--------|
| Pannello B | p. 154 |
| PanelTech  | p. 156 |
| Frame LED  | p. 161 |
| Sky Panel  | p. 162 |





**Rubin** is a recessed spotlight designed to enhance interiors with refined lighting effects, thanks to sophisticated aesthetic finishes. Its versatility lies in the option to choose from 3 colour temperatures (3000K, 4000K, 5700K) and 2 power outputs, allowing for complete customisation to suit the specific needs of any exhibition or interior space.

**Housing:** made of heat-conductive plastic coated in aluminium with springs for recessed mounting.

**Reflector:** made of high-performance metallised polycarbonate.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor: >0,9.

**Upon request:**

- available DIMM-DALI (-1241) version .
- available version with terminal block for double insulation electrical wiring with the possibility for loop-in connection (-90).
- version with CASAMBI automation lighting control system (fixtures **to be installed in NON-METALLIC false ceilings/panels**).

For further information see chapter *Technical components*.

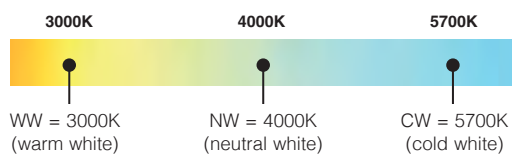




The main feature of this luminaire is the "colour-changing" technology: with the built-in selector switch positioned on the fixture's body, you can choose the desired colour temperature (3000K-4000K-5700K), adjusting its emission to most lighting installations.



- select 3 different colour temperatures, adjusting to most installations:



**Accessories:** versions available in different colours and surface finishes to coordinate with any architectural design.



| Nickel black optics - Rubin |             |
|-----------------------------|-------------|
| small                       | 22093130-00 |
| medium                      | 22093131-00 |
| big                         | 22093132-00 |



| Gold optics - Rubin |             |
|---------------------|-------------|
| small               | 22093190-00 |
| medium              | 22093191-00 |
| big                 | 22093192-00 |

Available with reflectors in a variety of colour finishes, it complements a wide range of design styles, from contemporary to classic, delivering a focused, functional light. The straightforward installation allows the fixture to blend seamlessly with the interior design. Perfect for creating intimate atmospheres or highlighting key decor elements, it is the ideal solution for achieving an elegant balance between visual appeal and high performance.



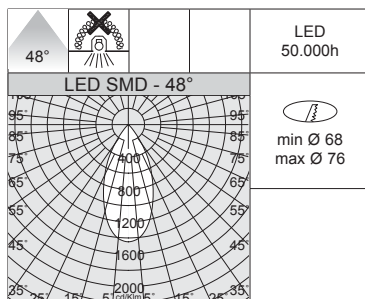
| Glossy black optics - Rubin |             |
|-----------------------------|-------------|
| small                       | 22093133-00 |
| medium                      | 22093134-00 |
| big                         | 22093135-00 |



| Silver optics - Rubin |             |
|-----------------------|-------------|
| small                 | 22093170-00 |
| medium                | 22093171-00 |
| big                   | 22093172-00 |



| Glossy white optics - Rubin |             |
|-----------------------------|-------------|
| small                       | 22093110-00 |
| medium                      | 22093111-00 |
| big                         | 22093112-00 |



e.g. Rubin small + acc. 22093133-00

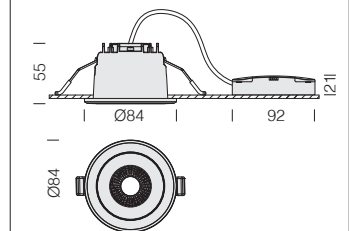


CCT SWITCH

UGR<19



v.a. IP20 IK04  
v.l. IP65 IK04

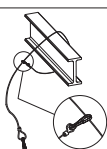


**LED:** luminous flux maintenance 80%: 50.000h (L80B20).

#### Rubin small - CCT SWITCH

|     |                | CLD    |             |       | LUMEN OUTPUT (tq= 25 °C)     |  |
|-----|----------------|--------|-------------|-------|------------------------------|--|
| LED | colour         | weight | code        | W tot | K - ølm - CRI - degrees      |  |
| SMD | white + chrome | 0,15   | 22163510-00 | 6     | 3000K - 619lm - CRI>80 - 48° |  |
|     |                |        |             |       | 4000K - 658lm - CRI>80 - 48° |  |
|     |                |        |             |       | 5700K - 626lm - CRI>80 - 48° |  |

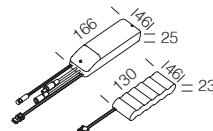
Upon request: DIMM DALI (-1241) version.



#### Safety cord

22004112-00

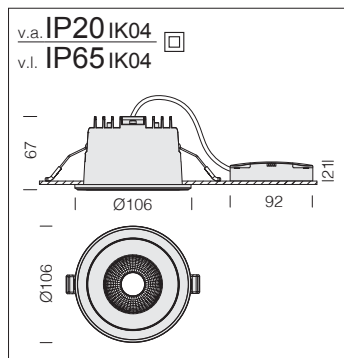
Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.



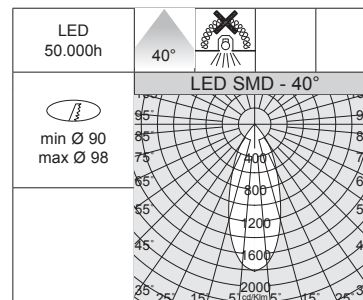
#### EM power kit

|    |             |
|----|-------------|
| 1h | 22096035-00 |
| 3h | 22096037-00 |

EM (emergency) lamp power kit complete with connectors.



**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.9.



e.g. Rubin medium + acc. 22093191-00



| Rubin medium - CCT / DIP SWITCH |                |        |             |                          |       |
|---------------------------------|----------------|--------|-------------|--------------------------|-------|
| LED                             | colour         | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |
|                                 |                | weight | code        | I out                    | W tot |
| SMD                             | white + chrome | 0,20   | 22163610-00 | 250                      | 9     |
|                                 |                |        |             |                          |       |
|                                 |                |        |             |                          |       |

Upon request: DIMM DALI (-1241) version.

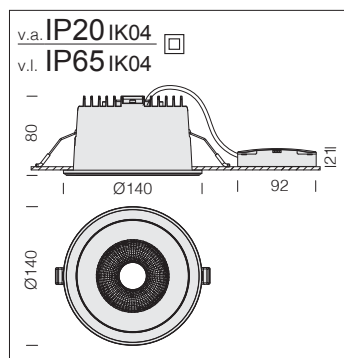
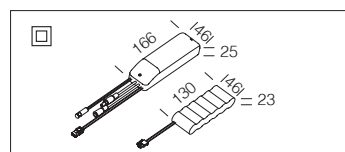
| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 150                      | 6     |
| 250                      | 9     |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 150                      | 6     |
| 250                      | 9     |

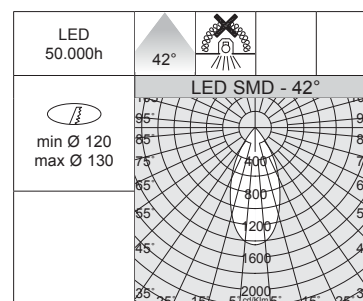
| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 150                      | 6     |
| 250                      | 9     |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

EM (emergency) lamp power kit complete with connectors.



**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.9.



e.g. Rubin big + acc. 22093112-00



| Rubin big - CCT / DIP SWITCH |                |        |             |                          |       |
|------------------------------|----------------|--------|-------------|--------------------------|-------|
| LED                          | colour         | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |
|                              |                | weight | code        | I out                    | W tot |
| SMD                          | white + chrome | 0,35   | 22163710-00 | 300                      | 12    |
|                              |                |        |             |                          |       |
|                              |                |        |             |                          |       |

Upon request: DIMM DALI (-1241) version.

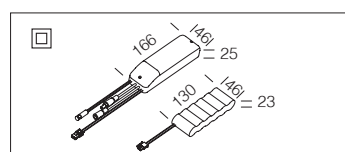
| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 250                      | 9     |
| 300                      | 12    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 250                      | 9     |
| 300                      | 12    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 250                      | 9     |
| 300                      | 12    |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

EM (emergency) lamp power kit complete with connectors.





**Accessories:** versions available in different colours and surface finishes to coordinate with any architectural design.



| Nickel black optics - Rubin |             |
|-----------------------------|-------------|
| small                       | 22093130-00 |
| medium                      | 22093131-00 |
| big                         | 22093132-00 |



| Chrome optics - Rubin |             |
|-----------------------|-------------|
| small                 | 22093173-00 |
| medium                | 22093174-00 |
| big                   | 22093175-00 |

Available with reflectors in a variety of colour finishes, it complements a wide range of design styles, from contemporary to classic, delivering a focused, functional light. The straightforward installation allows the fixture to blend seamlessly with the interior design. Perfect for creating intimate atmospheres or highlighting key decor elements, it is the ideal solution for achieving an elegant balance between visual appeal and high performance.



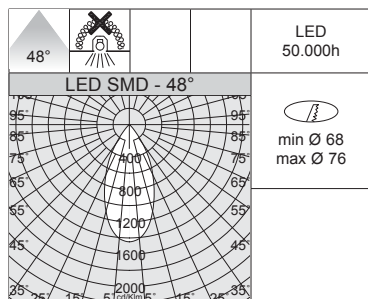
| Glossy black optics - Rubin |             |
|-----------------------------|-------------|
| small                       | 22093133-00 |
| medium                      | 22093134-00 |
| big                         | 22093135-00 |



| Silver optics - Rubin |             |
|-----------------------|-------------|
| small                 | 22093170-00 |
| medium                | 22093171-00 |
| big                   | 22093172-00 |



| Glossy white optics - Rubin |             |
|-----------------------------|-------------|
| small                       | 22093110-00 |
| medium                      | 22093111-00 |
| big                         | 22093112-00 |



e.g. Rubin small + acc. 22093110-00

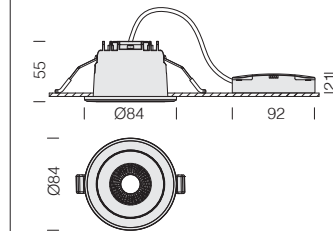


CCT SWITCH

UGR<19



v.a. IP20 IK04  
v.l. IP65 IK04

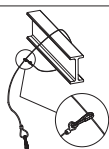


**LED:** luminous flux maintenance 80%: 50.000h (L80B20).

#### Rubin small - CCT SWITCH

|     |              | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                              |
|-----|--------------|--------|-------------|--------------------------|------------------------------|
| LED | colour       | weight | code        | W tot                    | K - ølm - CRI - degrees      |
| SMD | black + gold | 0,15   | 22163530-00 | 6                        | 3000K - 619lm - CRI>80 - 48° |
|     |              |        |             |                          | 4000K - 658lm - CRI>80 - 48° |
|     |              |        |             |                          | 5700K - 626lm - CRI>80 - 48° |

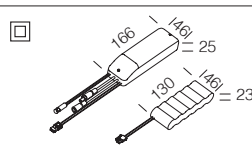
Upon request: DIMM DALI (-1241) version.



#### Safety cord

22004112-00

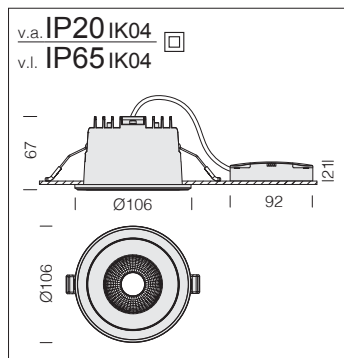
Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.



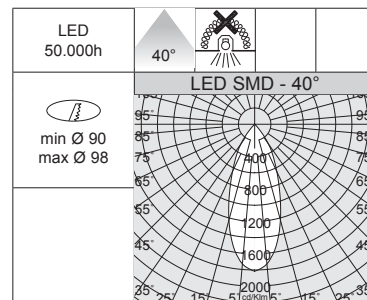
#### EM power kit

|    |             |
|----|-------------|
| 1h | 22096035-00 |
| 3h | 22096037-00 |

EM (emergency) lamp power kit complete with connectors.



**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.9.



e.g. Rubin medium + acc. 22093134-00



| Rubin medium - CCT / DIP SWITCH          |              |        |             |       |       |                                                                                                                  |
|------------------------------------------|--------------|--------|-------------|-------|-------|------------------------------------------------------------------------------------------------------------------|
|                                          |              | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C)                                                                                         |
| LED                                      | colour       | weight | code        | I out | W tot | K - ølm - CRI - degrees                                                                                          |
| SMD                                      | black + gold | 0,20   | 22163630-00 | 250   | 9     | 3000K - 1030lm - CRI>80 - 40°  |
|                                          |              |        |             |       |       | 4000K - 1116lm - CRI>80 - 40°  |
|                                          |              |        |             |       |       | 5700K - 1070lm - CRI>80 - 40°  |
| Upon request: DIMM DALI (-1241) version. |              |        |             |       |       |                                                                                                                  |

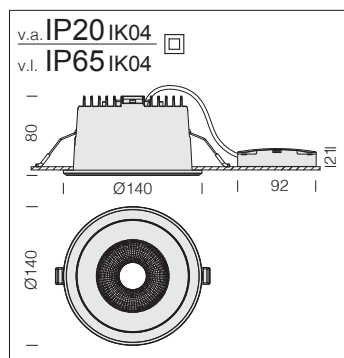
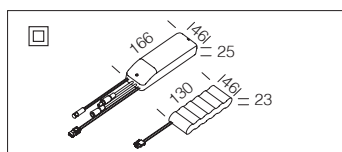
| DIP SWITCH SETTING       |       |                               |
|--------------------------|-------|-------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                               |
| I out                    | W tot | K - ølm - CRI - degrees       |
| 150                      | 6     | 3000K - 743lm - CRI>80 - 40°  |
| 250                      | 9     | 3000K - 1030lm - CRI>80 - 40° |

| DIP SWITCH SETTING       |       |                               |
|--------------------------|-------|-------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                               |
| I out                    | W tot | K - ølm - CRI - degrees       |
| 150                      | 6     | 4000K - 781lm - CRI>80 - 40°  |
| 250                      | 9     | 4000K - 1116lm - CRI>80 - 40° |

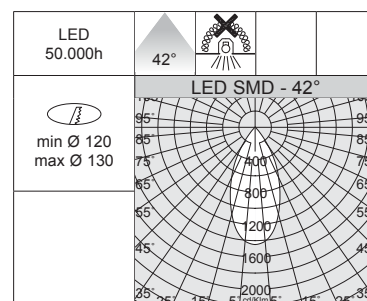
| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
|                    |       | LUMEN OUTPUT (tq= 25 °C)      |
| I out              | W tot | K - ølm - CRI - degrees       |
| 150                | 6     | 5700K - 768lm - CRI>80 - 40°  |
| 250                | 9     | 5700K - 1070lm - CRI>80 - 40° |

| EM power kit |                      |
|--------------|----------------------|
| 1h           | 220 <b>96035</b> -00 |
| 3h           | 220 <b>96037</b> -00 |

EM (emergency) lamp power kit complete with connectors.



**LED:** luminous flux maintenance  
80%: 50.000h (L80B20).  
Power factor >0.9.



e.g. Rubin big + acc. 22093175-00



| Rubin big - CCT / DIP SWITCH             |              |        |             |       |       |                                                                                                                    |
|------------------------------------------|--------------|--------|-------------|-------|-------|--------------------------------------------------------------------------------------------------------------------|
|                                          |              | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C)                                                                                           |
| LED                                      | colour       | weight | code        | I out | W tot | K - l/m - CRI - degrees                                                                                            |
| SMD                                      | black + gold | 0,35   | 22163730-00 | 300   | 12    | 3000K - 1425lm - CRI>80 - 42°  |
|                                          |              |        |             |       |       | 4000K - 1536lm - CRI>80 - 42°  |
|                                          |              |        |             |       |       | 5700K - 1496lm - CRI>80 - 42°  |
| Upon request: DIMM DALI (-1241) version. |              |        |             |       |       |                                                                                                                    |

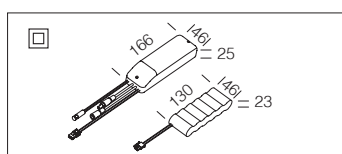
| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
|                    |       | LUMEN OUTPUT (tq= 25 °C)      |
| I out              | W tot | K - ølm - CRI - degrees       |
| 250                | 9     | 3000K - 1080lm - CRI>80 - 42° |
| 300                | 12    | 3000K - 1425lm - CRI>80 - 42° |

| DIP SWITCH SETTING       |       |                               |
|--------------------------|-------|-------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                               |
| I out                    | W tot | K - ølm - CRI - degrees       |
| 250                      | 9     | 4000K - 1136lm - CRI>80 - 42° |
| 300                      | 12    | 4000K - 1536lm - CRI>80 - 42° |

| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
|                    |       | LUMEN OUTPUT (tq= 25 °C)      |
| I out              | W tot | K - ølm - CRI - degrees       |
| 250                | 9     | 5700K - 1126lm - CRI>80 - 42° |
| 300                | 12    | 5700K - 1496lm - CRI>80 - 42° |

| EM power kit |                      |
|--------------|----------------------|
| 1h           | 220 <b>96035</b> -00 |
| 3h           | 220 <b>96037</b> -00 |

EM (emergency) lamp power kit complete with connectors.





#### Custom lighting – the Honey range is designed for any architectural vision!

The **Honey** range of recessed and ceiling lighting fixtures was developed to meet the most sophisticated demands of contemporary architectural design. With its geometric precision optics and wide selection of refined finishes, Honey offers the perfect balance of advanced lighting technology and bespoke aesthetics. Each luminaire is designed for seamless integration across a variety of settings (retail, commercial, public, cultural, and more), providing fully customisable solutions in terms of light output, shape, and colour. The geometric optics deliver controlled, flexible light distribution, while the versatile colour options offer full creative freedom, highlighting surrounding materials and architectural elements.

**Housing:** fixed downlight in die cast aluminium.

**Lens:** in PMMA lens with high efficiency output and very low glare rate.

**Optic:** in anti-glare metalized plastic material.

**Equipment:** equipped with galvanised steel support brackets, with housing for springs for attachment to the false ceilings.

**UGR glare index:** UGR<19 - EN 12464.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor  $\geq 0.9$ .

Photobiological safety class: exempt group.

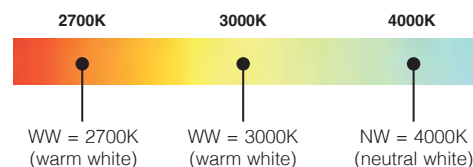
#### Upon request:

- available DIMM-DALI (-1241) version.
- available version with terminal block for double insulation electrical wiring with the possibility for loop-in connection (-90).
- version with CASAMBI automation lighting control system (fixtures **to be installed in NON-METALLIC false ceilings/panels**).

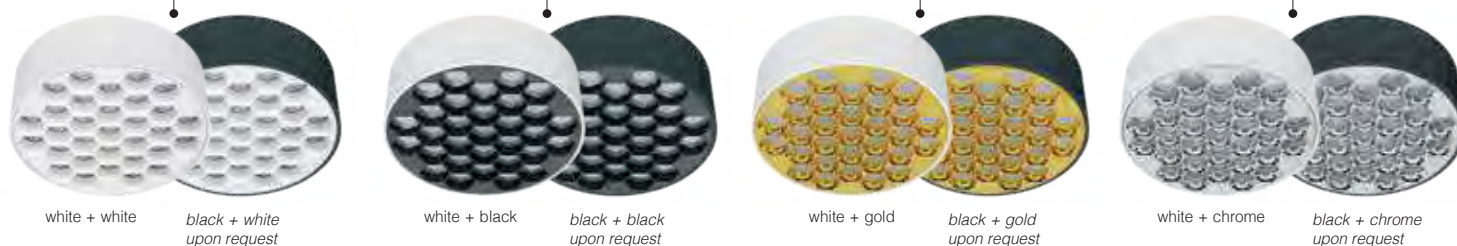
For further information see chapter *Technical components*.

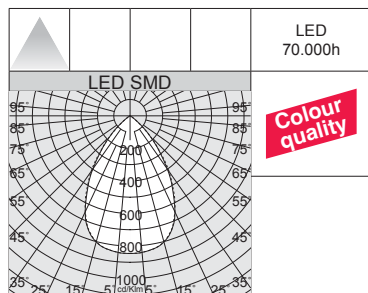


The main feature of this luminaire is the “colour-changing” technology: with the built-in selector switch positioned on the fixture’s body, you can choose the desired colour temperature (2700K-3000K-4000K), adjusting its emission to most lighting installations.

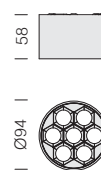




**Honey L94 - CEILING  
CCT SWITCH****Honey L139 - CEILING  
CCT SWITCH****Honey L159 - CEILING  
CCT SWITCH****Honey L189 - CEILING  
CCT SWITCH****Honey Ø120 - RECESSED  
CCT / DIP SWITCH****Honey Ø165 - RECESSED  
CCT / DIP SWITCH****Honey Ø190 - RECESSED  
CCT / DIP SWITCH****Honey Ø225 - RECESSED  
CCT / DIP SWITCH**



IP40 IK07



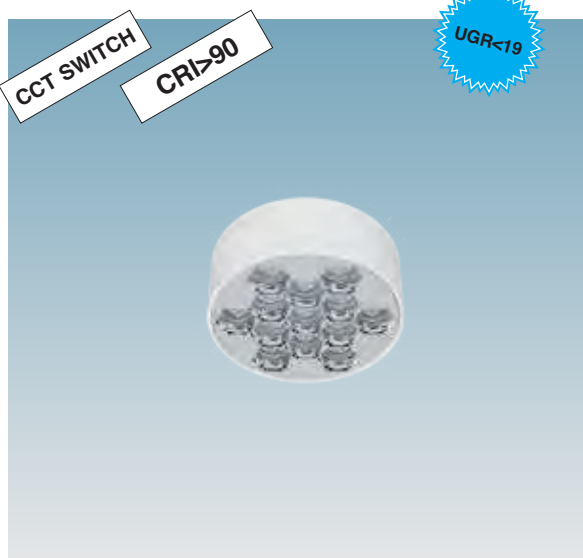
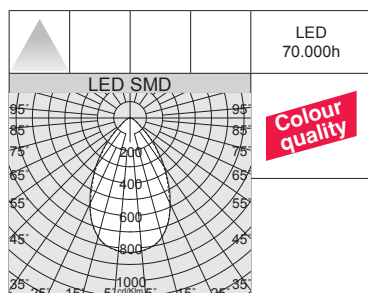
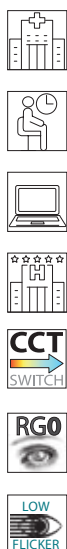
**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.

new

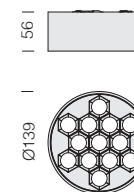
**Honey L94 - CCT SWITCH**

| LED | colour         | weight | CLD<br>code | W tot | LUMEN OUTPUT (tq= 25 °C)          |
|-----|----------------|--------|-------------|-------|-----------------------------------|
|     |                |        |             |       | K - ølm - CRI                     |
| SMD | white + white  | 0,30   | 22073110-00 | 10    | 2700K - 974lm - <b>CRI&gt;90</b>  |
|     |                |        |             |       | 3000K - 1116lm - <b>CRI&gt;90</b> |
|     |                |        |             |       | 4000K - 1123lm - <b>CRI&gt;90</b> |
| SMD | white + black  | 0,30   | 22073111-00 | 10    | 2700K - 708lm - <b>CRI&gt;90</b>  |
|     |                |        |             |       | 3000K - 812lm - <b>CRI&gt;90</b>  |
|     |                |        |             |       | 4000K - 816lm - <b>CRI&gt;90</b>  |
| SMD | white + gold   | 0,30   | 22073112-00 | 10    | 2700K - 945lm - <b>CRI&gt;90</b>  |
|     |                |        |             |       | 3000K - 1083lm - <b>CRI&gt;90</b> |
|     |                |        |             |       | 4000K - 1089lm - <b>CRI&gt;90</b> |
| SMD | white + chrome | 0,30   | 22073113-00 | 10    | 2700K - 994lm - <b>CRI&gt;90</b>  |
|     |                |        |             |       | 3000K - 1139lm - <b>CRI&gt;90</b> |
|     |                |        |             |       | 4000K - 1145lm - <b>CRI&gt;90</b> |

Upon request: version with black housing.



IP40 IK07



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.

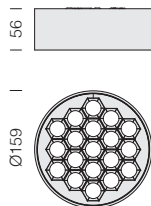
new

**Honey L139 - CCT SWITCH**

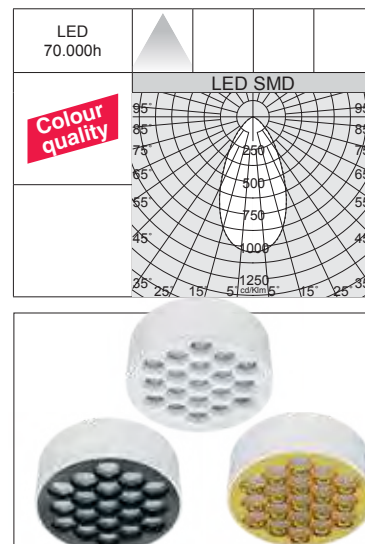
| LED | colour         | weight | CLD<br>code | W tot | LUMEN OUTPUT (tq= 25 °C)          |
|-----|----------------|--------|-------------|-------|-----------------------------------|
|     |                |        |             |       | K - ølm - CRI                     |
| SMD | white + white  | 0,50   | 22073210-00 | 14    | 2700K - 1473lm - <b>CRI&gt;90</b> |
|     |                |        |             |       | 3000K - 1650lm - <b>CRI&gt;90</b> |
|     |                |        |             |       | 4000K - 1657lm - <b>CRI&gt;90</b> |
| SMD | white + black  | 0,50   | 22073211-00 | 14    | 2700K - 1070lm - <b>CRI&gt;90</b> |
|     |                |        |             |       | 3000K - 1199lm - <b>CRI&gt;90</b> |
|     |                |        |             |       | 4000K - 1205lm - <b>CRI&gt;90</b> |
| SMD | white + gold   | 0,50   | 22073212-00 | 14    | 2700K - 1429lm - <b>CRI&gt;90</b> |
|     |                |        |             |       | 3000K - 1600lm - <b>CRI&gt;90</b> |
|     |                |        |             |       | 4000K - 1607lm - <b>CRI&gt;90</b> |
| SMD | white + chrome | 0,50   | 22073213-00 | 14    | 2700K - 1502lm - <b>CRI&gt;90</b> |
|     |                |        |             |       | 3000K - 1682lm - <b>CRI&gt;90</b> |
|     |                |        |             |       | 4000K - 1690lm - <b>CRI&gt;90</b> |

Upon request: version with black housing.

IP40 IK07



**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.

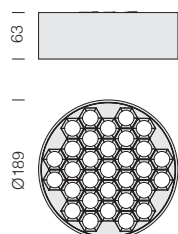


## Honey L159 - CCT SWITCH

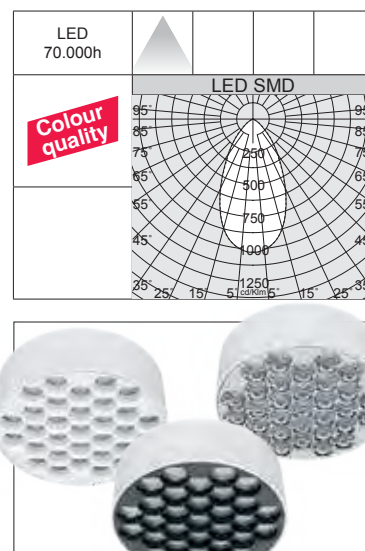
| LED | colour         | weight | CLD<br>code | W tot | LUMEN OUTPUT (tq= 25 °C) |        |
|-----|----------------|--------|-------------|-------|--------------------------|--------|
|     |                |        |             |       | K - ølm - CRI            |        |
| SMD | white + white  | 0,60   | 22073310-00 | 20    | 2700K - 2062lm           | CRI>90 |
|     |                |        |             |       | 3000K - 2336lm           | CRI>90 |
|     |                |        |             |       | 4000K - 2365lm           | CRI>90 |
| SMD | white + black  | 0,60   | 22073311-00 | 20    | 2700K - 1499lm           | CRI>90 |
|     |                |        |             |       | 3000K - 1698lm           | CRI>90 |
|     |                |        |             |       | 4000K - 1720lm           | CRI>90 |
| SMD | white + gold   | 0,60   | 22073312-00 | 20    | 2700K - 2000lm           | CRI>90 |
|     |                |        |             |       | 3000K - 2266lm           | CRI>90 |
|     |                |        |             |       | 4000K - 2295lm           | CRI>90 |
| SMD | white + chrome | 0,60   | 22073313-00 | 20    | 2700K - 2104lm           | CRI>90 |
|     |                |        |             |       | 3000K - 2383lm           | CRI>90 |
|     |                |        |             |       | 4000K - 2413lm           | CRI>90 |

Upon request: version with black housing.

IP40 IK07



**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.

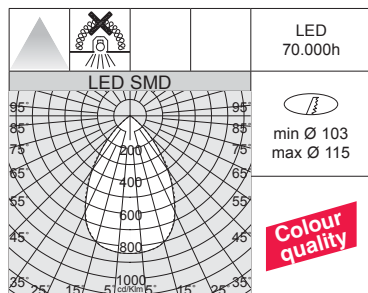


## Honey L189 - CCT SWITCH

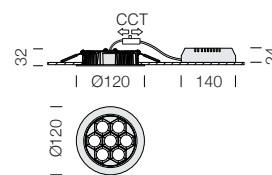
| LED | colour         | weight | CLD<br>code | W tot | LUMEN OUTPUT (tq= 25 °C) |        |
|-----|----------------|--------|-------------|-------|--------------------------|--------|
|     |                |        |             |       | K - ølm - CRI            |        |
| SMD | white + white  | 0,80   | 22073410-00 | 23    | 2700K - 2578lm           | CRI>90 |
|     |                |        |             |       | 3000K - 2825lm           | CRI>90 |
|     |                |        |             |       | 4000K - 2893lm           | CRI>90 |
| SMD | white + black  | 0,80   | 22073411-00 | 23    | 2700K - 1874lm           | CRI>90 |
|     |                |        |             |       | 3000K - 2054lm           | CRI>90 |
|     |                |        |             |       | 4000K - 2103lm           | CRI>90 |
| SMD | white + gold   | 0,80   | 22073412-00 | 23    | 2700K - 2501lm           | CRI>90 |
|     |                |        |             |       | 3000K - 2740lm           | CRI>90 |
|     |                |        |             |       | 4000K - 2806lm           | CRI>90 |
| SMD | white + chrome | 0,80   | 22073413-00 | 23    | 2700K - 2630lm           | CRI>90 |
|     |                |        |             |       | 3000K - 2881lm           | CRI>90 |
|     |                |        |             |       | 4000K - 2951lm           | CRI>90 |

Upon request: version with black housing.





v.a. IP20 IK07  
v.l. IP40 IK07



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.

### Honey Ø120 - CCT / DIP SWITCH

| LED | colour        | weight | code        | I out | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|---------------|--------|-------------|-------|-------|--------------------------|
|     |               |        |             |       |       | K - ølm - CRI            |
| SMD | white + white | 0,30   | 22130310-00 | 250   | 10    | 2700K - 974lm - CRI>90   |
|     |               |        |             |       |       | 3000K - 1116lm - CRI>90  |
|     |               |        |             |       |       | 4000K - 1123lm - CRI>90  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |        |
|--------------------|-------|--------------------------|--------|
| I out              | W tot | K - ølm - CRI            |        |
| 200                | 8     | 2700K - 799lm            | CRI>90 |
| 250                | 10    | 2700K - 974lm            | CRI>90 |
| 300                | 12    | 2700K - 1138lm           | CRI>90 |
| 200                | 8     | 3000K - 902lm            | CRI>90 |
| 250                | 10    | 3000K - 1116lm           | CRI>90 |
| 300                | 12    | 3000K - 1315lm           | CRI>90 |
| 200                | 8     | 4000K - 923lm            | CRI>90 |
| 250                | 10    | 4000K - 1123lm           | CRI>90 |
| 300                | 12    | 4000K - 1348lm           | CRI>90 |

| SMD | white + black | 0,30 | 22130311-00 | 250 | 10 | LUMEN OUTPUT (tq= 25 °C) |
|-----|---------------|------|-------------|-----|----|--------------------------|
|     |               |      |             |     |    | K - ølm - CRI            |
|     |               |      |             |     |    | 2700K - 708lm - CRI>90   |
|     |               |      |             |     |    | 3000K - 812lm - CRI>90   |
|     |               |      |             |     |    | 4000K - 816lm - CRI>90   |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |        |
|--------------------|-------|--------------------------|--------|
| I out              | W tot | K - ølm - CRI            |        |
| 200                | 8     | 2700K - 593lm            | CRI>90 |
| 250                | 10    | 2700K - 708lm            | CRI>90 |
| 300                | 12    | 2700K - 827lm            | CRI>90 |
| 200                | 8     | 3000K - 668lm            | CRI>90 |
| 250                | 10    | 3000K - 812lm            | CRI>90 |
| 300                | 12    | 3000K - 956lm            | CRI>90 |
| 200                | 8     | 4000K - 684lm            | CRI>90 |
| 250                | 10    | 4000K - 816lm            | CRI>90 |
| 300                | 12    | 4000K - 979lm            | CRI>90 |

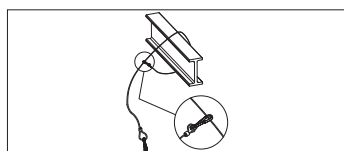
| SMD | white + gold | 0,30 | 22130312-00 | 250 | 10 | LUMEN OUTPUT (tq= 25 °C) |
|-----|--------------|------|-------------|-----|----|--------------------------|
|     |              |      |             |     |    | K - ølm - CRI            |
|     |              |      |             |     |    | 2700K - 945lm - CRI>90   |
|     |              |      |             |     |    | 3000K - 1083lm - CRI>90  |
|     |              |      |             |     |    | 4000K - 1089lm - CRI>90  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |        |
|--------------------|-------|--------------------------|--------|
| I out              | W tot | K - ølm - CRI            |        |
| 200                | 8     | 2700K - 775lm            | CRI>90 |
| 250                | 10    | 2700K - 945lm            | CRI>90 |
| 300                | 12    | 2700K - 1104lm           | CRI>90 |
| 200                | 8     | 3000K - 875lm            | CRI>90 |
| 250                | 10    | 3000K - 1083lm           | CRI>90 |
| 300                | 12    | 3000K - 1276lm           | CRI>90 |
| 200                | 8     | 4000K - 895lm            | CRI>90 |
| 250                | 10    | 4000K - 1089lm           | CRI>90 |
| 300                | 12    | 4000K - 1307lm           | CRI>90 |

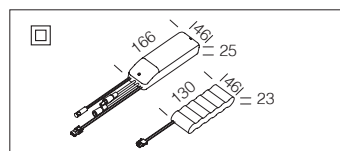
| SMD | white + chrome | 0,30 | 22130313-00 | 250 | 10 | LUMEN OUTPUT (tq= 25 °C) |
|-----|----------------|------|-------------|-----|----|--------------------------|
|     |                |      |             |     |    | K - ølm - CRI            |
|     |                |      |             |     |    | 2700K - 994lm - CRI>90   |
|     |                |      |             |     |    | 3000K - 1139lm - CRI>90  |
|     |                |      |             |     |    | 4000K - 1145lm - CRI>90  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |        |
|--------------------|-------|--------------------------|--------|
| I out              | W tot | K - ølm - CRI            |        |
| 200                | 8     | 2700K - 815lm            | CRI>90 |
| 250                | 10    | 2700K - 994lm            | CRI>90 |
| 300                | 12    | 2700K - 1161lm           | CRI>90 |
| 200                | 8     | 3000K - 920lm            | CRI>90 |
| 250                | 10    | 3000K - 1139lm           | CRI>90 |
| 300                | 12    | 3000K - 1342lm           | CRI>90 |
| 200                | 8     | 4000K - 941lm            | CRI>90 |
| 250                | 10    | 4000K - 1145lm           | CRI>90 |
| 300                | 12    | 4000K - 1374lm           | CRI>90 |

Upon request: with black rim and DIMM DALI (-1241) versions.

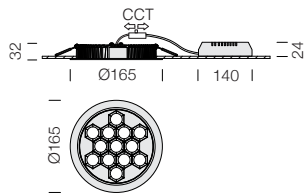


| Safety cord                                                                                  |
|----------------------------------------------------------------------------------------------|
| 22004112-00                                                                                  |
| Steel safety cord, to be used for safety installation of the fixtures inside false ceilings. |

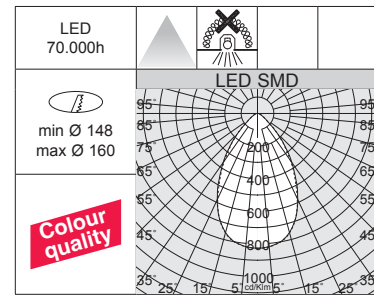
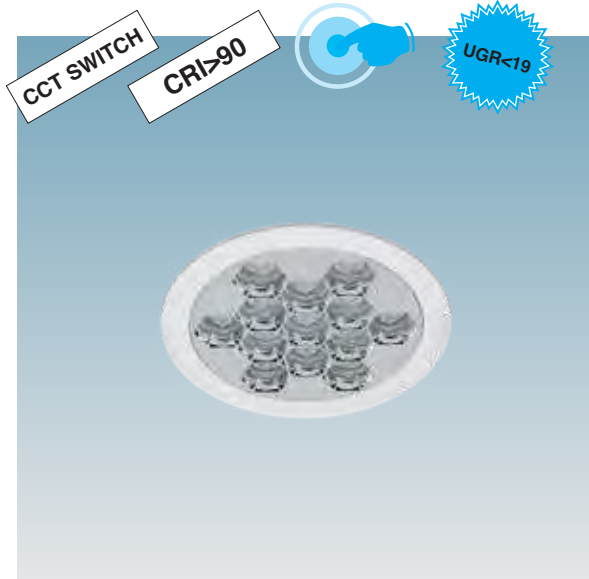


| EM power kit                                            |             |
|---------------------------------------------------------|-------------|
| 1h                                                      | 22096035-00 |
| 3h                                                      | 22096037-00 |
| EM (emergency) lamp power kit complete with connectors. |             |

v.a. IP20 IK07  
v.l. IP40 IK07



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.



### Honey Ø165 - CCT / DIP SWITCH

| LED | colour        | weight | CLD code    | I out | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|---------------|--------|-------------|-------|-------|--------------------------|
|     |               |        |             |       |       | K - ølm - CRI            |
| SMD | white + white | 0,50   | 22130410-00 | 350   | 14    | 2700K - 1473lm - CRI>90  |
|     |               |        |             |       |       | 3000K - 1650lm - CRI>90  |
|     |               |        |             |       |       | 4000K - 1657lm - CRI>90  |
|     |               |        |             |       |       |                          |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |        |
|--------------------|-------|--------------------------|--------|
| I out              | W tot | K - ølm - CRI            |        |
| 250                | 10    | 2700K - 1090lm           | CRI>90 |
| 300                | 12    | 2700K - 1286lm           | CRI>90 |
| 350                | 14    | 2700K - 1473lm           | CRI>90 |
| 250                | 10    | 3000K - 1200lm           | CRI>90 |
| 300                | 12    | 3000K - 1425lm           | CRI>90 |
| 350                | 14    | 3000K - 1650lm           | CRI>90 |
| 250                | 10    | 4000K - 1225lm           | CRI>90 |
| 300                | 12    | 4000K - 1448lm           | CRI>90 |
| 350                | 14    | 4000K - 1657lm           | CRI>90 |

|     |               |      |             |     |    |                         |
|-----|---------------|------|-------------|-----|----|-------------------------|
| SMD | white + black | 0,50 | 22130411-00 | 350 | 14 | 2700K - 1070lm - CRI>90 |
|     |               |      |             |     |    | 3000K - 1199lm - CRI>90 |
|     |               |      |             |     |    | 4000K - 1205lm - CRI>90 |
|     |               |      |             |     |    |                         |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |        |
|--------------------|-------|--------------------------|--------|
| I out              | W tot | K - ølm - CRI            |        |
| 250                | 10    | 2700K - 808lm            | CRI>90 |
| 300                | 12    | 2700K - 935lm            | CRI>90 |
| 350                | 14    | 2700K - 1070lm           | CRI>90 |
| 250                | 10    | 3000K - 890lm            | CRI>90 |
| 300                | 12    | 3000K - 1036lm           | CRI>90 |
| 350                | 14    | 3000K - 1199lm           | CRI>90 |
| 250                | 10    | 4000K - 908lm            | CRI>90 |
| 300                | 12    | 4000K - 1052lm           | CRI>90 |
| 350                | 14    | 4000K - 1205lm           | CRI>90 |

|     |              |      |             |     |    |                         |
|-----|--------------|------|-------------|-----|----|-------------------------|
| SMD | white + gold | 0,50 | 22130412-00 | 350 | 14 | 2700K - 1429lm - CRI>90 |
|     |              |      |             |     |    | 3000K - 1600lm - CRI>90 |
|     |              |      |             |     |    | 4000K - 1607lm - CRI>90 |
|     |              |      |             |     |    |                         |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |        |
|--------------------|-------|--------------------------|--------|
| I out              | W tot | K - ølm - CRI            |        |
| 250                | 10    | 2700K - 1057lm           | CRI>90 |
| 300                | 12    | 2700K - 1247lm           | CRI>90 |
| 350                | 14    | 2700K - 1429lm           | CRI>90 |
| 250                | 10    | 3000K - 1164lm           | CRI>90 |
| 300                | 12    | 3000K - 1383lm           | CRI>90 |
| 350                | 14    | 3000K - 1600lm           | CRI>90 |
| 250                | 10    | 4000K - 1188lm           | CRI>90 |
| 300                | 12    | 4000K - 1404lm           | CRI>90 |
| 350                | 14    | 4000K - 1607lm           | CRI>90 |

|     |                |      |             |     |    |                         |
|-----|----------------|------|-------------|-----|----|-------------------------|
| SMD | white + chrome | 0,50 | 22130413-00 | 350 | 14 | 2700K - 1502lm - CRI>90 |
|     |                |      |             |     |    | 3000K - 1682lm - CRI>90 |
|     |                |      |             |     |    | 4000K - 1690lm - CRI>90 |
|     |                |      |             |     |    |                         |

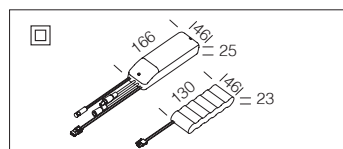
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |        |
|--------------------|-------|--------------------------|--------|
| I out              | W tot | K - ølm - CRI            |        |
| 250                | 10    | 2700K - 1111lm           | CRI>90 |
| 300                | 12    | 2700K - 1311lm           | CRI>90 |
| 350                | 14    | 2700K - 1502lm           | CRI>90 |
| 250                | 10    | 3000K - 1224lm           | CRI>90 |
| 300                | 12    | 3000K - 1454lm           | CRI>90 |
| 350                | 14    | 3000K - 1682lm           | CRI>90 |
| 250                | 10    | 4000K - 1249lm           | CRI>90 |
| 300                | 12    | 4000K - 1476lm           | CRI>90 |
| 350                | 14    | 4000K - 1690lm           | CRI>90 |

Upon request: with black rim and DIMM DALI (-1241) versions.

#### EM power kit

|    |             |
|----|-------------|
| 1h | 22096035-00 |
| 3h | 22096037-00 |

EM (emergency) lamp power kit complete with connectors.



**LED**  
70.000h

**LED SMD**

min Ø 168  
max Ø 185

**Colour quality**

**CCT SWITCH**

**CRI>90**

**UGR<19**

v.a. IP20 IK07  
v.l. IP40 IK07

**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.

| Honey Ø190 - CCT / DIP SWITCH |               |        |             |                          |       |                         |
|-------------------------------|---------------|--------|-------------|--------------------------|-------|-------------------------|
|                               |               | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |                         |
| LED                           | colour        | weight | code        | I out                    | W tot | K - ølm - CRI           |
| SMD                           | white + white | 0,60   | 22130510-00 | 500                      | 20    | 2700K - 2062lm - CRI>90 |
|                               |               |        |             |                          |       | 3000K - 2336lm - CRI>90 |
|                               |               |        |             |                          |       | 4000K - 2365lm - CRI>90 |
|                               |               |        |             |                          |       |                         |

|     |               |      |             |     |    |                         |
|-----|---------------|------|-------------|-----|----|-------------------------|
| SMD | white + black | 0,60 | 22130511-00 | 500 | 20 | 2700K - 1499lm - CRI>90 |
|     |               |      |             |     |    | 3000K - 1698lm - CRI>90 |
|     |               |      |             |     |    | 4000K - 1720lm - CRI>90 |
|     |               |      |             |     |    |                         |

|     |              |      |             |     |    |                         |
|-----|--------------|------|-------------|-----|----|-------------------------|
| SMD | white + gold | 0,60 | 22130512-00 | 500 | 20 | 2700K - 2000lm - CRI>90 |
|     |              |      |             |     |    | 3000K - 2266lm - CRI>90 |
|     |              |      |             |     |    | 4000K - 2295lm - CRI>90 |
|     |              |      |             |     |    |                         |

|     |                |      |             |     |    |                         |
|-----|----------------|------|-------------|-----|----|-------------------------|
| SMD | white + chrome | 0,60 | 22130513-00 | 500 | 20 | 2700K - 2104lm - CRI>90 |
|     |                |      |             |     |    | 3000K - 2383lm - CRI>90 |
|     |                |      |             |     |    | 4000K - 2413lm - CRI>90 |
|     |                |      |             |     |    |                         |

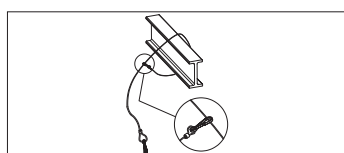
Upon request: with black rim and DIMM DALI (-1241) versions.

| DIP SWITCH SETTING |       |  | LUMEN OUTPUT (tq= 25 °C) |  |
|--------------------|-------|--|--------------------------|--|
| I out              | W tot |  | K - ølm - CRI            |  |
| 400                | 16    |  | 2700K - 1686lm - CRI>90  |  |
| 450                | 18    |  | 2700K - 1870lm - CRI>90  |  |
| 500                | 20    |  | 2700K - 2062lm - CRI>90  |  |
| 400                | 16    |  | 3000K - 1896lm - CRI>90  |  |
| 450                | 18    |  | 3000K - 2134lm - CRI>90  |  |
| 500                | 20    |  | 3000K - 2336lm - CRI>90  |  |
| 400                | 16    |  | 4000K - 1935lm - CRI>90  |  |
| 450                | 18    |  | 4000K - 2152lm - CRI>90  |  |
| 500                | 20    |  | 4000K - 2365lm - CRI>90  |  |

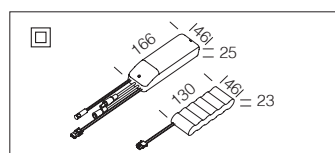
| DIP SWITCH SETTING |       |  | LUMEN OUTPUT (tq= 25 °C) |  |
|--------------------|-------|--|--------------------------|--|
| I out              | W tot |  | K - ølm - CRI            |  |
| 400                | 16    |  | 2700K - 1250lm - CRI>90  |  |
| 450                | 18    |  | 2700K - 1359lm - CRI>90  |  |
| 500                | 20    |  | 2700K - 1499lm - CRI>90  |  |
| 400                | 16    |  | 3000K - 1406lm - CRI>90  |  |
| 450                | 18    |  | 3000K - 1551lm - CRI>90  |  |
| 500                | 20    |  | 3000K - 1698lm - CRI>90  |  |
| 400                | 16    |  | 4000K - 1435lm - CRI>90  |  |
| 450                | 18    |  | 4000K - 1565lm - CRI>90  |  |
| 500                | 20    |  | 4000K - 1720lm - CRI>90  |  |

| DIP SWITCH SETTING |       |  | LUMEN OUTPUT (tq= 25 °C) |  |
|--------------------|-------|--|--------------------------|--|
| I out              | W tot |  | K - ølm - CRI            |  |
| 400                | 16    |  | 2700K - 1635lm - CRI>90  |  |
| 450                | 18    |  | 2700K - 1814lm - CRI>90  |  |
| 500                | 20    |  | 2700K - 2000lm - CRI>90  |  |
| 400                | 16    |  | 3000K - 1839lm - CRI>90  |  |
| 450                | 18    |  | 3000K - 2070lm - CRI>90  |  |
| 500                | 20    |  | 3000K - 2266lm - CRI>90  |  |
| 400                | 16    |  | 4000K - 1877lm - CRI>90  |  |
| 450                | 18    |  | 4000K - 2088lm - CRI>90  |  |
| 500                | 20    |  | 4000K - 2295lm - CRI>90  |  |

| DIP SWITCH SETTING |       |  | LUMEN OUTPUT (tq= 25 °C) |  |
|--------------------|-------|--|--------------------------|--|
| I out              | W tot |  | K - ølm - CRI            |  |
| 400                | 16    |  | 2700K - 1720lm - CRI>90  |  |
| 450                | 18    |  | 2700K - 1907lm - CRI>90  |  |
| 500                | 20    |  | 2700K - 2104lm - CRI>90  |  |
| 400                | 16    |  | 3000K - 1934lm - CRI>90  |  |
| 450                | 18    |  | 3000K - 2177lm - CRI>90  |  |
| 500                | 20    |  | 3000K - 2383lm - CRI>90  |  |
| 400                | 16    |  | 4000K - 1974lm - CRI>90  |  |
| 450                | 18    |  | 4000K - 2196lm - CRI>90  |  |
| 500                | 20    |  | 4000K - 2413lm - CRI>90  |  |

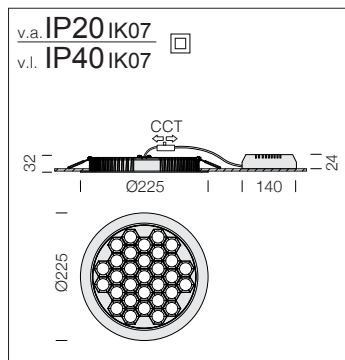


| Safety cord                                                                                  |
|----------------------------------------------------------------------------------------------|
| 22004112-00                                                                                  |
| Steel safety cord, to be used for safety installation of the fixtures inside false ceilings. |

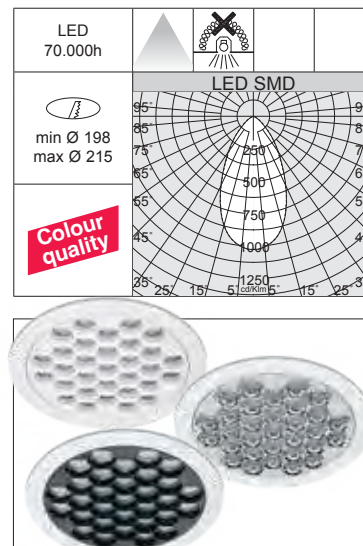
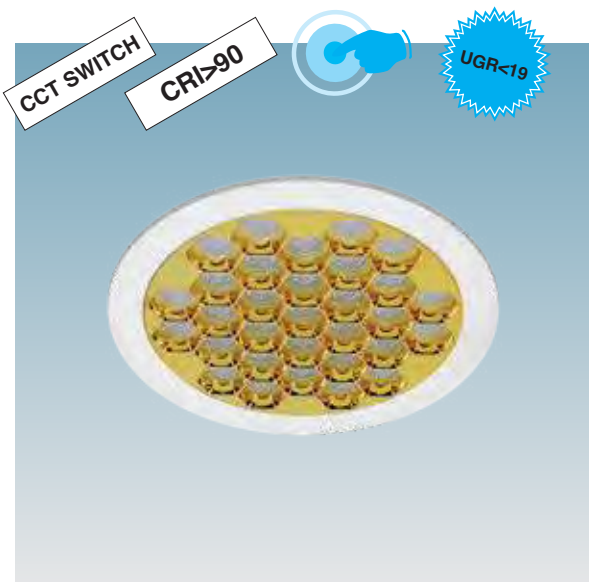


| EM power kit                                            |             |
|---------------------------------------------------------|-------------|
| 1h                                                      | 22096035-00 |
| 3h                                                      | 22096037-00 |
| EM (emergency) lamp power kit complete with connectors. |             |





**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.



| Honey Ø225 - CCT / DIP SWITCH |               |        |             |       |       |                                                                                                           |
|-------------------------------|---------------|--------|-------------|-------|-------|-----------------------------------------------------------------------------------------------------------|
|                               |               | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C)                                                                                  |
| LED                           | colour        | weight | code        | I out | W tot | K - ølm - CRI                                                                                             |
| SMD                           | white + white | 0,80   | 22130610-00 | 600   | 21    | 2700K - 2578lm - CRI>90  |
|                               |               |        |             |       |       | 3000K - 2825lm - CRI>90  |
|                               |               |        |             |       |       | 4000K - 2893lm - CRI>90  |

|     |               |      |             |     |    |                                                                                                             |
|-----|---------------|------|-------------|-----|----|-------------------------------------------------------------------------------------------------------------|
| SMD | white + black | 0,80 | 22130611-00 | 600 | 21 | 2700K - 1874lm - CRI>90  |
|     |               |      |             |     |    | 3000K - 2054lm - CRI>90  |
|     |               |      |             |     |    | 4000K - 2103lm - CRI>90  |

|     |              |      |             |     |    |                                                                                                             |
|-----|--------------|------|-------------|-----|----|-------------------------------------------------------------------------------------------------------------|
| SMD | white + gold | 0,80 | 22130612-00 | 600 | 21 | 2700K - 2501lm - CRI>90  |
|     |              |      |             |     |    | 3000K - 2740lm - CRI>90  |
|     |              |      |             |     |    | 4000K - 2806lm - CRI>90  |

|            |                |      |                    |            |           |                                                                                                                       |
|------------|----------------|------|--------------------|------------|-----------|-----------------------------------------------------------------------------------------------------------------------|
| <b>SMD</b> | white + chrome | 0,80 | <b>22130613-00</b> | <b>600</b> | <b>21</b> | 2700K - 2630lm - <b>CRI&gt;90</b>  |
|            |                |      |                    |            |           | 3000K - 2881lm - <b>CRI&gt;90</b>  |
|            |                |      |                    |            |           | 4000K - 2951lm - <b>CRI&gt;90</b>  |

**Upon request:** with black rim and DIMM DALI (-1241) versions.

| DIP SWITCH SETTING |       |                          |
|--------------------|-------|--------------------------|
|                    |       | LUMEN OUTPUT (tq= 25 °C) |
| I out              | W tot | K - ølm - CRI            |
| 500                | 17    | 2700K - 2176lm - CRI>90  |
| 550                | 19    | 2700K - 2377lm - CRI>90  |
| 600                | 21    | 2700K - 2579lm - CRI>90  |

|     |    |                         |
|-----|----|-------------------------|
| 500 | 17 | 3000K - 2359lm - CRI>90 |
| 550 | 19 | 3000K - 2589lm - CRI>90 |
| 600 | 21 | 3000K - 2825lm - CRI>90 |

|            |           |                                   |
|------------|-----------|-----------------------------------|
| <b>500</b> | <b>17</b> | 4000K - 2440lm - <b>CRI&gt;90</b> |
| <b>550</b> | <b>19</b> | 4000K - 2670lm - <b>CRI&gt;90</b> |
| <b>600</b> | <b>21</b> | 4000K - 2893lm - <b>CRI&gt;90</b> |

| DIP SWITCH SETTING |       |                          |        |
|--------------------|-------|--------------------------|--------|
|                    |       | LUMEN OUTPUT (tq= 25 °C) |        |
| I out              | W tot | K - ølm - CRI            |        |
| 500                | 17    | 2700K - 1613lm           | CRI>90 |
| 550                | 19    | 2700K - 1728lm           | CRI>90 |
| 600                | 21    | 2700K - 1874lm           | CRI>90 |

|     |    |                         |
|-----|----|-------------------------|
| 500 | 17 | 3000K - 1749lm - CRI>90 |
| 550 | 19 | 3000K - 1882lm - CRI>90 |
| 600 | 21 | 3000K - 2054lm - CRI>90 |

|     |    |                         |
|-----|----|-------------------------|
| 500 | 17 | 4000K - 1809lm - CRI>90 |
| 550 | 19 | 4000K - 1941lm - CRI>90 |
| 600 | 21 | 4000K - 2103lm - CRI>90 |

| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 500                      | 17    | 2700K - 2110lm - CRI>90 |
| 550                      | 19    | 2700K - 2305lm - CRI>90 |
| 600                      | 21    | 2700K - 2501lm - CRI>90 |

|     |    |                         |
|-----|----|-------------------------|
| 500 | 17 | 3000K - 2288lm - CRI>90 |
| 550 | 19 | 3000K - 2511lm - CRI>90 |
| 600 | 21 | 3000K - 2740lm - CRI>90 |

|            |           |                                   |
|------------|-----------|-----------------------------------|
| <b>500</b> | <b>17</b> | 4000K - 2367lm - <b>CRI&gt;90</b> |
| <b>550</b> | <b>19</b> | 4000K - 2590lm - <b>CRI&gt;90</b> |
| <b>600</b> | <b>21</b> | 4000K - 2806lm - <b>CRI&gt;90</b> |

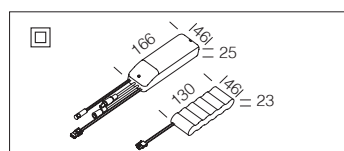
| DIP SWITCH SETTING |       |                          |        |
|--------------------|-------|--------------------------|--------|
|                    |       | LUMEN OUTPUT (tq= 25 °C) |        |
| I out              | W tot | K - ølm - CRI            |        |
| 500                | 17    | 2700K - 2219lm           | CRI>90 |
| 550                | 19    | 2700K - 2424lm           | CRI>90 |
| 600                | 21    | 2700K - 2630lm           | CRI>90 |

|     |    |                         |
|-----|----|-------------------------|
| 500 | 17 | 3000K - 2406lm - CRI>90 |
| 550 | 19 | 3000K - 2640lm - CRI>90 |
| 600 | 21 | 3000K - 2881lm - CRI>90 |

|            |           |                                   |
|------------|-----------|-----------------------------------|
| <b>500</b> | <b>17</b> | 4000K - 2489lm - <b>CRI&gt;90</b> |
| <b>550</b> | <b>19</b> | 4000K - 2724lm - <b>CRI&gt;90</b> |
| <b>600</b> | <b>21</b> | 4000K - 2951lm - <b>CRI&gt;90</b> |

| EM power kit |                      |
|--------------|----------------------|
| 1h           | 220 <b>96035</b> -00 |
| 3h           | 220 <b>96037</b> -00 |

EM (emergency) lamp power kit complete with connectors.





## ADAPT THE CURRENT TO ACHIEVE OPTIMAL LUMINOUS FLUX

**DIP SWITCH SETTING:** the fixture comes with a *DIP SWITCH* driver for **THE SETTING OF THE OUTPUT CURRENT**. In this way you, can **ENSURE THE BEST LUMINOUS FLUX** for any lighting design.

The possibility to choose the correct drive current for LEDs will allow you to have the right power under specific design conditions. Using a lower current will improve the efficiency of fixtures and therefore increase energy savings, whilst a higher current will result in a higher light flux so that you can reduce the number of fixtures.



**Housing:** in die cast aluminium.

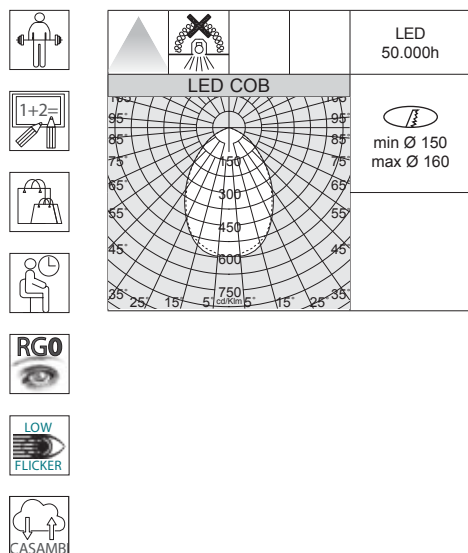
**Reflector:** optics in aluminium to optimise light efficiency.

**Standard supply:** is equipped with galvanised steel support brackets, with housing for springs for attachment to the false ceilings.

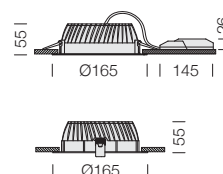
**LED:** luminous flux maintenance 80%: 50.000h (L80B10). Power factor >0.9.

### Upon request:

- available version with terminal block for double insulation electrical wiring with the possibility for loop-in connection (-90°).
  - version with CASAMBI automation lighting control system (fixtures **to be installed in NON-METALLIC false ceilings/panels**).
- For further information see chapter *Technical components*.



v.a. IP20 IK04  
v.l. IP44 IK04



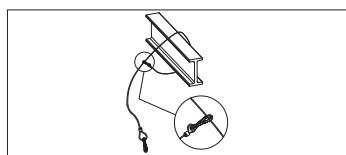
**LED:** luminous flux maintenance 80%: 50.000h (L80B10). Power factor >0.9.

| Saving 165 - DIP SWITCH                  |        |        |             |       |       |                                                                                                              |
|------------------------------------------|--------|--------|-------------|-------|-------|--------------------------------------------------------------------------------------------------------------|
|                                          |        | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C)                                                                                     |
| LED                                      | colour | weight | code        | I out | W tot | K - ølm - CRI                                                                                                |
| LED                                      | white  | 0,40   | 22176411-00 | 200   | 6     | 4000K - 712lm - CRI 85  |
|                                          |        |        | 22176410-00 |       |       | 3000K - 676lm - CRI 85  |
| Upon request: DIMM DALI (-1241) version. |        |        |             |       |       |                                                                                                              |

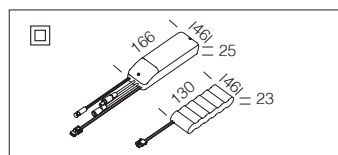
| DIP SWITCH SETTING |       |                          |
|--------------------|-------|--------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C) |
| 200                | 6*    | 4000K - 712lm - CRI 85   |
| 250                | 8     | 4000K - 875lm - CRI 85   |
| 300                | 9     | 4000K - 1037lm - CRI 85  |
| 350                | 10    | 4000K - 1187lm - CRI 85  |

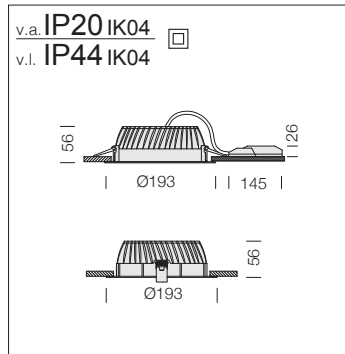
| DIP SWITCH SETTING |       |                          |
|--------------------|-------|--------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C) |
| 200                | 6*    | 3000K - 676lm - CRI 85   |
| 250                | 8     | 3000K - 831lm - CRI 85   |
| 300                | 9     | 3000K - 986lm - CRI 85   |
| 350                | 10    | 3000K - 1128lm - CRI 85  |



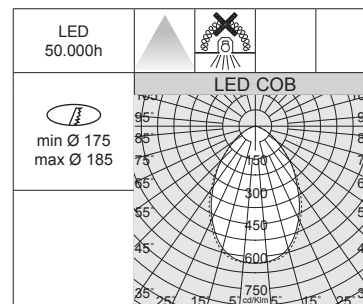
| Safety cord                                                                                  |
|----------------------------------------------------------------------------------------------|
| 22004112-00                                                                                  |
| Steel safety cord, to be used for safety installation of the fixtures inside false ceilings. |



| EM power kit                                            |             |
|---------------------------------------------------------|-------------|
| 1h                                                      | 22096015-00 |
| 3h                                                      | 22096033-00 |
| EM (emergency) lamp power kit complete with connectors. |             |



**LED:** luminous flux maintenance 80%: 50.000h (L80B10).  
Power factor >0.9.



| Saving 193 - DIP SWITCH                  |        |        |             |                          |       |                         |
|------------------------------------------|--------|--------|-------------|--------------------------|-------|-------------------------|
|                                          |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |                         |
| LED                                      | colour | weight | code        | I out                    | W tot | K - ølm - CRI           |
| LED                                      | white  | 0,60   | 22176511-00 | 250                      | 10    | 4000K - 1181lm - CRI 85 |
|                                          |        |        | 22176510-00 |                          |       | 3000K - 1122lm - CRI 85 |
| Upon request: DIMM DALI (-1241) version. |        |        |             |                          |       |                         |

Upon request: DIMM DALI (-1241) version.

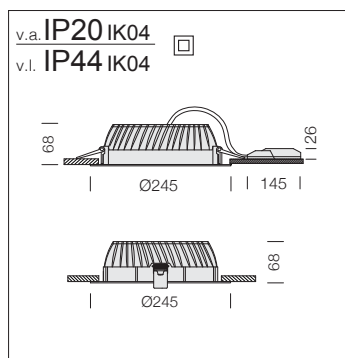
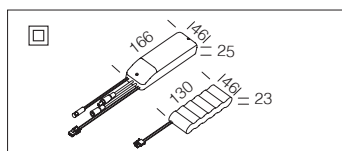
| DIP SWITCH SETTING |       |                          |  |  |  |
|--------------------|-------|--------------------------|--|--|--|
|                    |       | LUMEN OUTPUT (tq= 25 °C) |  |  |  |
| I out              | W tot | K - ølm - CRI            |  |  |  |
| 250                | 10*   | 4000K - 1181lm - CRI 85  |  |  |  |
| 300                | 12    | 4000K - 1399lm - CRI 85  |  |  |  |
| 350                | 13    | 4000K - 1600lm - CRI 85  |  |  |  |

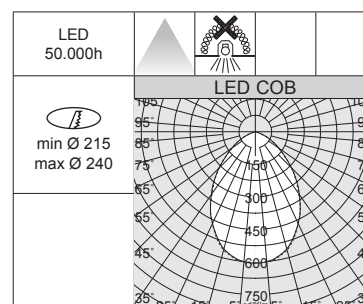
| DIP SWITCH SETTING |       |                          |  |  |  |
|--------------------|-------|--------------------------|--|--|--|
|                    |       | LUMEN OUTPUT (tq= 25 °C) |  |  |  |
| I out              | W tot | K - ølm - CRI            |  |  |  |
| 250                | 10*   | 3000K - 1122lm - CRI 85  |  |  |  |
| 300                | 12    | 3000K - 1329lm - CRI 85  |  |  |  |
| 350                | 13    | 3000K - 1520lm - CRI 85  |  |  |  |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.



**LED:** luminous flux maintenance 80%: 50.000h (L80B10).  
Power factor >0.9.



| Saving 245 - DIP SWITCH                  |        |        |             |                          |       |                         |
|------------------------------------------|--------|--------|-------------|--------------------------|-------|-------------------------|
|                                          |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |                         |
| LED                                      | colour | weight | code        | I out                    | W tot | K - ølm - CRI           |
| LED                                      | white  | 0,90   | 22176711-00 | 450                      | 17    | 4000K - 2107lm - CRI 85 |
|                                          |        |        | 22176710-00 |                          |       | 3000K - 2001lm - CRI 85 |
| Upon request: DIMM DALI (-1241) version. |        |        |             |                          |       |                         |

Upon request: DIMM DALI (-1241) version.

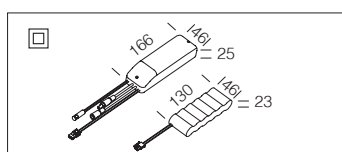
| DIP SWITCH SETTING |       |                          |  |  |  |
|--------------------|-------|--------------------------|--|--|--|
|                    |       | LUMEN OUTPUT (tq= 25 °C) |  |  |  |
| I out              | W tot | K - ølm - CRI            |  |  |  |
| 450                | 17*   | 4000K - 2107lm - CRI 85  |  |  |  |
| 500                | 19    | 4000K - 2318lm - CRI 85  |  |  |  |
| 550                | 21    | 4000K - 2535lm - CRI 85  |  |  |  |
| 600                | 23    | 4000K - 2738lm - CRI 85  |  |  |  |

| DIP SWITCH SETTING |       |                          |  |  |  |
|--------------------|-------|--------------------------|--|--|--|
|                    |       | LUMEN OUTPUT (tq= 25 °C) |  |  |  |
| I out              | W tot | K - ølm - CRI            |  |  |  |
| 450                | 17*   | 3000K - 2001lm - CRI 85  |  |  |  |
| 500                | 19    | 3000K - 2202lm - CRI 85  |  |  |  |
| 550                | 21    | 3000K - 2408lm - CRI 85  |  |  |  |
| 600                | 23    | 3000K - 2601lm - CRI 85  |  |  |  |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.







A range of recessed spotlights, incorporating latest generation LED modules. This line of products was created to meet the needs of lighting systems used for the decoration of interior spaces that are becoming more demanding every day. Lighting systems are required to be energy-efficient and flexible in order to define spaces according to different needs, offer striking visual impact, ensure low management costs, and guarantee long service life.

**Housing:** fixed downlight in die cast aluminium complete with spring clips for recessed mounting.

**Reflector:** optics in high gloss, anti-glare aluminium to optimise light efficiency.

**Lens:** supplied with sun shielding and anti-glare cover.

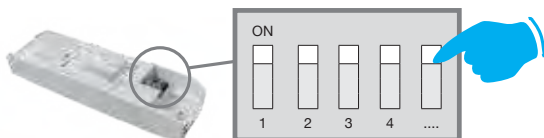
**LED:** luminous flux maintenance 80%: 50.000h (L80B20). Power factor >0.9.

Photobiological safety class: exempt group.

**Upon request:**

- available version with terminal block for double insulation electrical wiring with the possibility for loop-in connection (-90).
- version with CASAMBI automation lighting control system (fixtures **to be installed in NON-METALLIC false ceilings/panels**).

For further information see chapter *Technical components*.



## ADAPT THE CURRENT TO ACHIEVE OPTIMAL LUMINOUS FLUX

**DIP SWITCH SETTING:** the fixture comes with a *DIP SWITCH* driver for **THE SETTING OF THE OUTPUT CURRENT**. In this way you, can **ENSURE THE BEST LUMINOUS FLUX** for any lighting design.

The possibility to choose the correct drive current for LEDs will allow you to have the right power under specific design conditions. Using a lower current will improve the efficiency of fixtures and therefore increase energy savings, whilst a higher current will result in a higher light flux so that you can reduce the number of fixtures.



**Accessories:** versions available in different colours and surface finishes to coordinate with any architectural design.



| Ring - Techno B 114 |             |
|---------------------|-------------|
| black               | 22093030-00 |



| Ring with glass - Techno B 114 |             |
|--------------------------------|-------------|
| white                          | 22093011-00 |
| black                          | 22093031-00 |



| Square ring - Techno B 114 |             |
|----------------------------|-------------|
| white                      | 22093012-00 |
| black                      | 22093032-00 |



| Ring - Techno B 174 |             |
|---------------------|-------------|
| black               | 22093033-00 |



| Ring with glass - Techno B 174 |             |
|--------------------------------|-------------|
| white                          | 22093014-00 |
| black                          | 22093034-00 |



| Square ring - Techno B 174 |             |
|----------------------------|-------------|
| white                      | 22093015-00 |
| black                      | 22093035-00 |



| Ring - Techno B 232 |             |
|---------------------|-------------|
| black               | 22093036-00 |



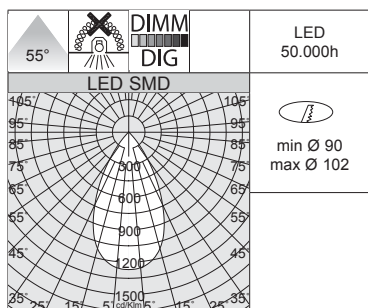
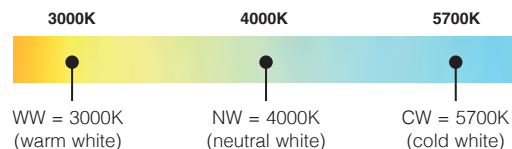
| Ring with glass - Techno B 232 |             |
|--------------------------------|-------------|
| white                          | 22093017-00 |
| black                          | 22093037-00 |



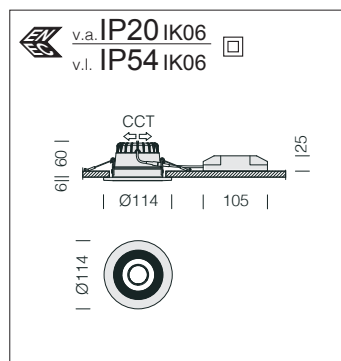
| Square ring - Techno B 232 |             |
|----------------------------|-------------|
| white                      | 22093018-00 |
| black                      | 22093038-00 |



The main feature of this luminaire is the "colour-changing" technology: with the built-in selector switch positioned on the fixture's body, you can choose the desired colour temperature (3000K-4000K-5700K), adjusting its emission to most lighting installations.



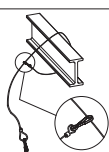
e.g. Techno B 114 + acc. 22093030-00



**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.9.

| Techno B 114 - CCT / DIP SWITCH |        |                  |               |       |       |                               |
|---------------------------------|--------|------------------|---------------|-------|-------|-------------------------------|
|                                 |        | CLD              |               |       |       | LUMEN OUTPUT (tq= 25 °C)      |
| LED                             | colour | weight           | code          | I out | W tot | K - ølm - CRI - degrees       |
| SMD                             | white  | 0,30             | 22163013-00   | 250   | 10    | 3000K - 956lm - CRI>80 - 55°  |
|                                 |        |                  |               |       |       | 4000K - 1007lm - CRI>80 - 55° |
|                                 |        |                  |               |       |       | 5700K - 981lm - CRI>80 - 55°  |
|                                 |        | CLD D-DIG (DALI) |               |       |       | LUMEN OUTPUT (tq= 25 °C)      |
| LED                             | colour | weight           | code          | W tot |       | K - ølm - CRI - degrees       |
| SMD                             | white  | 0,30             | 22163013-1241 | 10    |       | 3000K - 956lm - CRI>80 - 55°  |
|                                 |        |                  |               |       |       | 4000K - 1007lm - CRI>80 - 55° |
|                                 |        |                  |               |       |       | 5700K - 981lm - CRI>80 - 55°  |

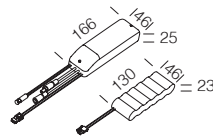
| DIP SWITCH SETTING       |       |       |        |        |         |  |
|--------------------------|-------|-------|--------|--------|---------|--|
| LUMEN OUTPUT (tq= 25 °C) |       |       |        |        |         |  |
| I out                    | W tot | K     | ølm    | CRI    | degrees |  |
| 150                      | 6     | 3000K | 579lm  | CRI>80 | 55°     |  |
| 200                      | 8     | 3000K | 766lm  | CRI>80 | 55°     |  |
| 250                      | 10    | 3000K | 956lm  | CRI>80 | 55°     |  |
| DIP SWITCH SETTING       |       |       |        |        |         |  |
| LUMEN OUTPUT (tq= 25 °C) |       |       |        |        |         |  |
| I out                    | W tot | K     | ølm    | CRI    | degrees |  |
| 150                      | 6     | 4000K | 610lm  | CRI>80 | 55°     |  |
| 200                      | 8     | 4000K | 807lm  | CRI>80 | 55°     |  |
| 250                      | 10    | 4000K | 1007lm | CRI>80 | 55°     |  |
| DIP SWITCH SETTING       |       |       |        |        |         |  |
| LUMEN OUTPUT (tq= 25 °C) |       |       |        |        |         |  |
| I out                    | W tot | K     | ølm    | CRI    | degrees |  |
| 150                      | 6     | 5700K | 594lm  | CRI>80 | 55°     |  |
| 200                      | 8     | 5700K | 786lm  | CRI>80 | 55°     |  |
| 250                      | 10    | 5700K | 981lm  | CRI>80 | 55°     |  |



#### Safety cord

22004112-00

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.

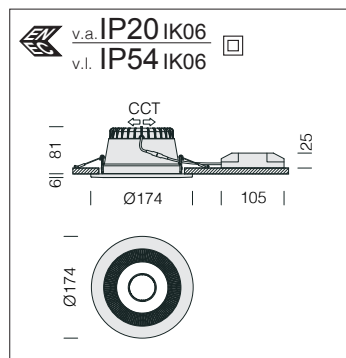


#### EM power kit

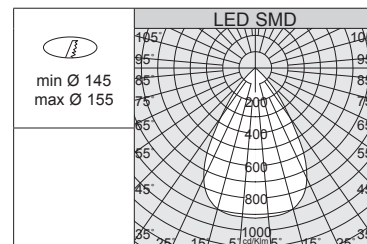
|    |             |
|----|-------------|
| 1h | 22096035-00 |
| 3h | 22096037-00 |

EM (emergency) lamp power kit complete with connectors.





**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.9.



e.g. Techno B 174 + acc. 22093014-00

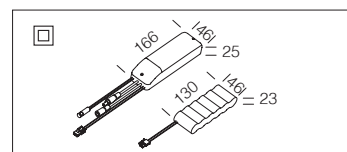


| Techno B 174 - CCT / DIP SWITCH |        |        |             |       |       |                               |
|---------------------------------|--------|--------|-------------|-------|-------|-------------------------------|
|                                 |        | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C)      |
| LED                             | colour | weight | code        | I out | W tot | K - ølm - CRI - degrees       |
| SMD                             | white  | 0,40   | 22163113-00 | 500   | 20    | 3000K - 2066lm - CRI>80 - 66° |
|                                 |        |        |             |       |       | 4000K - 2175lm - CRI>80 - 66° |
|                                 |        |        |             |       |       | 5700K - 2120lm - CRI>80 - 66° |

|     |        | CLD D-DIG (DALI) |               |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|-----|--------|------------------|---------------|-------|-------------------------------|--|
| LED | colour | weight           | code          | W tot | K - ølm - CRI - degrees       |  |
| SMD | white  | 0,40             | 22163113-1241 | 20    | 3000K - 2066lm - CRI>80 - 66° |  |
|     |        |                  |               |       | 4000K - 2175lm - CRI>80 - 66° |  |
|     |        |                  |               |       | 5700K - 2120lm - CRI>80 - 66° |  |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

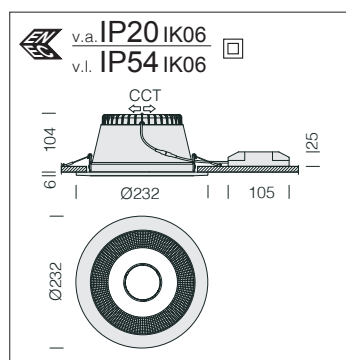
EM (emergency) lamp power kit complete with connectors.



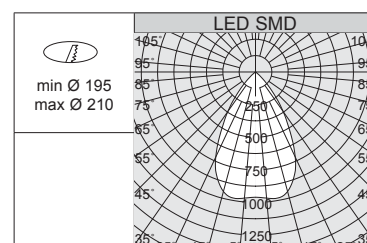
| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 400                      | 16    |
| 450                      | 18    |
| 500                      | 20    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 400                      | 16    |
| 450                      | 18    |
| 500                      | 20    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 400                      | 16    |
| 450                      | 18    |
| 500                      | 20    |



**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.9.



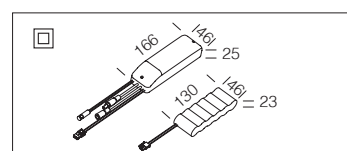
e.g. Techno B 232 + acc. 22093038-00



| Techno B 232 - CCT / DIP SWITCH |        |                  |               |       |                               |                               |
|---------------------------------|--------|------------------|---------------|-------|-------------------------------|-------------------------------|
|                                 |        | CLD              |               |       |                               | LUMEN OUTPUT (tq= 25 °C)      |
| LED                             | colour | weight           | code          | I out | W tot                         | K - ølm - CRI - degrees       |
| SMD                             | white  | 0,60             | 22163213-00   | 700   | 28                            | 3000K - 2717lm - CRI>80 - 62° |
|                                 |        |                  |               |       |                               | 4000K - 2860lm - CRI>80 - 62° |
|                                 |        |                  |               |       |                               | 5700K - 2789lm - CRI>80 - 62° |
|                                 |        | CLD D-DIG (DALI) |               |       |                               | LUMEN OUTPUT (tq= 25 °C)      |
| LED                             | colour | weight           | code          | W tot | K - ølm - CRI - degrees       |                               |
| SMD                             | white  | 0,60             | 22163213-1241 | 28    | 3000K - 2717lm - CRI>80 - 62° |                               |
|                                 |        |                  |               |       | 4000K - 2860lm - CRI>80 - 62° |                               |
|                                 |        |                  |               |       | 5700K - 2789lm - CRI>80 - 62° |                               |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

EM (emergency) lamp power kit complete with connectors.



| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 500                      | 19    |
| 600                      | 24    |
| 650                      | 26    |
| 700                      | 28    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 500                      | 19    |
| 600                      | 24    |
| 650                      | 26    |
| 700                      | 28    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 500                      | 19    |
| 600                      | 24    |
| 650                      | 26    |
| 700                      | 28    |



#### Studio - URG<19

**Housing:** in die cast aluminium with clear PMMA diffuser.

**Reflector:** optics in oxidised and polished aluminium.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.9.

#### Studio B - URG<22

**Housing:** in die cast aluminium with clear polycarbonate diffuser.

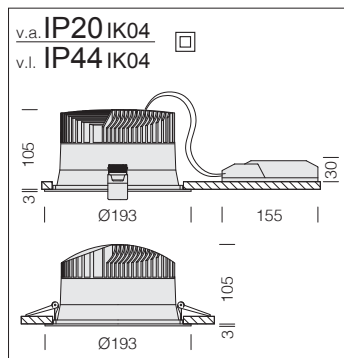
**Reflector:** optics in high gloss, anti-glare aluminium to optimise light efficiency.

**Lens:** in PMMA with high efficiency output and very low glare rate.

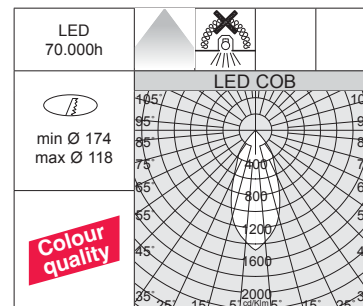
**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.9.

#### Upon request:

- available version with 2700K / 5000K LED.
  - available version with terminal block for double insulation electrical wiring with the possibility for loop-in connection (-90).
  - version with CASAMBI automation lighting control system (fixtures **to be installed in NON-METALLIC false ceilings/panels**).
- For further information see chapter *Technical components*.



**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.9.



| Studio 193 - DIP SWITCH |        |        |             |       |       |                                   |
|-------------------------|--------|--------|-------------|-------|-------|-----------------------------------|
| LED                     | colour | weight | CLD         | I out | W tot | LUMEN OUTPUT (tq= 25 °C)          |
|                         |        |        | code        |       |       | K - ølm - CRI                     |
| COB                     | white  | 1,10   | 22161010-00 | 650   | 24    | 4000K - 2805lm - <b>CRI&gt;90</b> |
|                         |        |        | 22161010-39 |       |       | 3000K - 2665lm - <b>CRI&gt;90</b> |

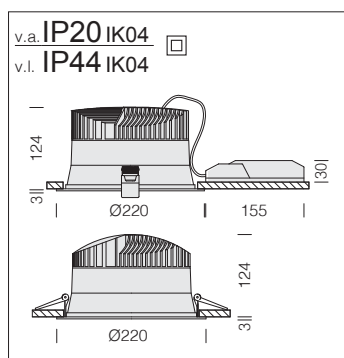
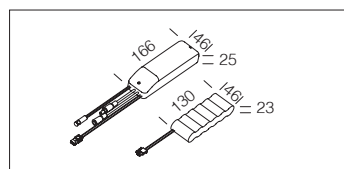
Upon request: available DIMM DALI (-1241 and -3941) version.

| DIP SWITCH SETTING       |       |                                   |
|--------------------------|-------|-----------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                   |
| I out                    | W tot | K - ølm - CRI                     |
| 600                      | 22*   | 4000K - 2618lm - <b>CRI&gt;90</b> |
| 650                      | 24*   | 4000K - 2805lm - <b>CRI&gt;90</b> |
| 750                      | 28*   | 4000K - 3188lm - <b>CRI&gt;90</b> |
| 850                      | 31    | 4000K - 3579lm - <b>CRI&gt;90</b> |

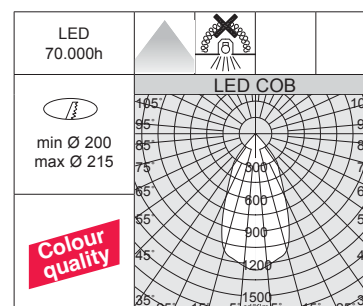
| DIP SWITCH SETTING       |       |                                   |
|--------------------------|-------|-----------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                   |
| I out                    | W tot | K - ølm - CRI                     |
| 600                      | 22*   | 3000K - 2487lm - <b>CRI&gt;90</b> |
| 650                      | 24*   | 3000K - 2665lm - <b>CRI&gt;90</b> |
| 750                      | 28*   | 3000K - 3029lm - <b>CRI&gt;90</b> |
| 850                      | 31    | 3000K - 3400lm - <b>CRI&gt;90</b> |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.



**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.9.



| Studio 220 - DIP SWITCH |        |        |             |       |       |                                   |
|-------------------------|--------|--------|-------------|-------|-------|-----------------------------------|
| LED                     | colour | weight | CLD         | I out | W tot | LUMEN OUTPUT (tq= 25 °C)          |
|                         |        |        | code        |       |       | K - ølm - CRI                     |
| COB                     | white  | 1,50   | 22161110-00 | 950   | 36    | 4000K - 3940lm - <b>CRI&gt;90</b> |
|                         |        |        | 22161110-39 |       |       | 3000K - 3743lm - <b>CRI&gt;90</b> |

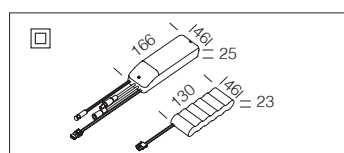
Upon request: available DIMM DALI (-1241 and -3941) version.

| DIP SWITCH SETTING       |       |                                   |
|--------------------------|-------|-----------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                   |
| I out                    | W tot | K - ølm - CRI                     |
| 900                      | 34    | 4000K - 3775lm - <b>CRI&gt;90</b> |
| 950                      | 36    | 4000K - 3940lm - <b>CRI&gt;90</b> |
| 1050                     | 40    | 4000K - 4286lm - <b>CRI&gt;90</b> |

| DIP SWITCH SETTING       |       |                                   |
|--------------------------|-------|-----------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                   |
| I out                    | W tot | K - ølm - CRI                     |
| 900                      | 34    | 3000K - 3586lm - <b>CRI&gt;90</b> |
| 950                      | 36    | 3000K - 3743lm - <b>CRI&gt;90</b> |
| 1050                     | 40    | 3000K - 4072lm - <b>CRI&gt;90</b> |

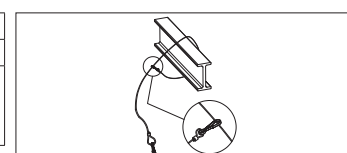
| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.

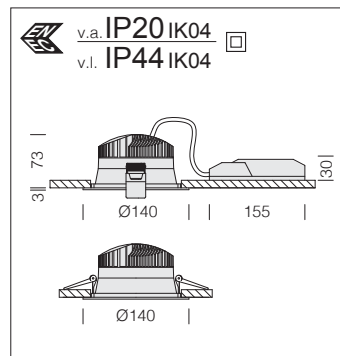
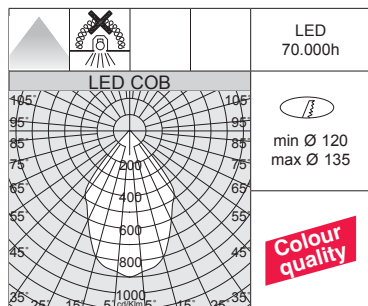


| Safety cord |  |
|-------------|--|
| 22004112-00 |  |

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.





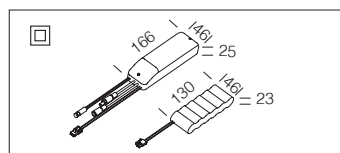


**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0,9.

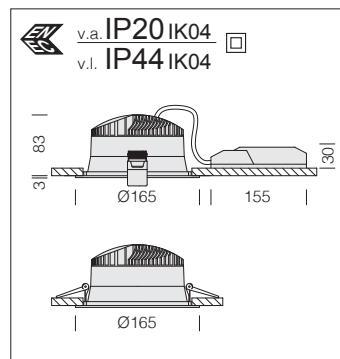
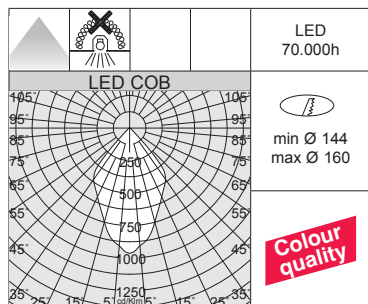
| Studio B 140 - DIP SWITCH                                    |        |        |             |       |       |                          |
|--------------------------------------------------------------|--------|--------|-------------|-------|-------|--------------------------|
|                                                              |        | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C) |
| LED                                                          | colour | weight | code        | I out | W tot | K - ølm - CRI            |
| COB                                                          | white  | 0,50   | 22160811-00 | 350   | 13    | 4000K - 1520lm - CRI>90  |
|                                                              |        |        | 22160811-39 |       |       | 3000K - 1444lm - CRI>90  |
| Upon request: available DIMM DALI (-1241 and -3941) version. |        |        |             |       |       |                          |

|       |       | DIP SWITCH SETTING       |  |
|-------|-------|--------------------------|--|
|       |       | LUMEN OUTPUT (tq= 25 °C) |  |
| I out | W tot | K - ølm - CRI            |  |
| 250   | 9     | 4000K - 1099lm - CRI>90  |  |
| 300   | 11    | 4000K - 1310lm - CRI>90  |  |
| 350   | 13    | 4000K - 1520lm - CRI>90  |  |

|       |       | DIP SWITCH SETTING       |  |
|-------|-------|--------------------------|--|
|       |       | LUMEN OUTPUT (tq= 25 °C) |  |
| I out | W tot | K - ølm - CRI            |  |
| 250   | 9     | 3000K - 1044lm - CRI>90  |  |
| 300   | 11    | 3000K - 1244lm - CRI>90  |  |
| 350   | 13    | 3000K - 1444lm - CRI>90  |  |



|                                                         |  | EM power kit |
|---------------------------------------------------------|--|--------------|
| 1h                                                      |  | 22096015-00  |
| 3h                                                      |  | 22096033-00  |
| EM (emergency) lamp power kit complete with connectors. |  |              |

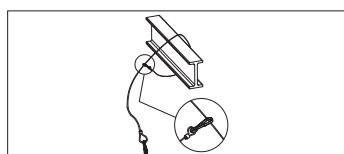


**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0,9.

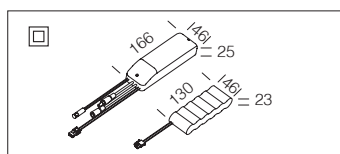
| Studio B 165 - DIP SWITCH                                    |        |        |             |       |       |                          |
|--------------------------------------------------------------|--------|--------|-------------|-------|-------|--------------------------|
|                                                              |        | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C) |
| LED                                                          | colour | weight | code        | I out | W tot | K - ølm - CRI            |
| COB                                                          | white  | 0,60   | 22160911-00 | 550   | 20    | 4000K - 2290lm - CRI>90  |
|                                                              |        |        | 22160911-39 |       |       | 3000K - 2176lm - CRI>90  |
| Upon request: available DIMM DALI (-1241 and -3941) version. |        |        |             |       |       |                          |

|       |       | DIP SWITCH SETTING       |  |
|-------|-------|--------------------------|--|
|       |       | LUMEN OUTPUT (tq= 25 °C) |  |
| I out | W tot | K - ølm - CRI            |  |
| 550   | 20    | 4000K - 2290lm - CRI>90  |  |
| 600   | 22    | 4000K - 2450lm - CRI>90  |  |
| 650   | 24    | 4000K - 2722lm - CRI>90  |  |
| 700   | 25    | 4000K - 2914lm - CRI>90  |  |

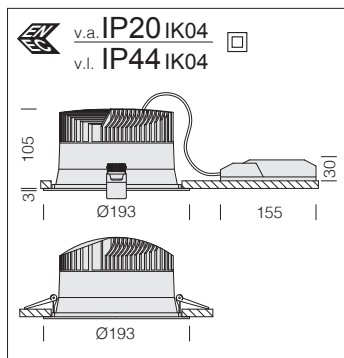
|       |       | DIP SWITCH SETTING       |  |
|-------|-------|--------------------------|--|
|       |       | LUMEN OUTPUT (tq= 25 °C) |  |
| I out | W tot | K - ølm - CRI            |  |
| 550   | 20    | 3000K - 2176lm - CRI>90  |  |
| 600   | 22    | 3000K - 2328lm - CRI>90  |  |
| 650   | 24    | 3000K - 2586lm - CRI>90  |  |
| 700   | 25    | 3000K - 2768lm - CRI>90  |  |



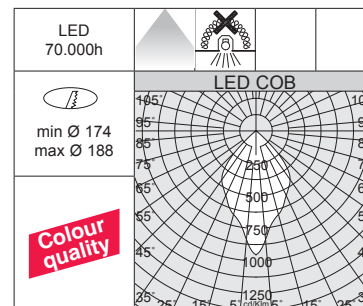
|                                                                                              |  | Safety cord |
|----------------------------------------------------------------------------------------------|--|-------------|
|                                                                                              |  | 22004112-00 |
| Steel safety cord, to be used for safety installation of the fixtures inside false ceilings. |  |             |



|                                                         |  | EM power kit |
|---------------------------------------------------------|--|--------------|
| 1h                                                      |  | 22096015-00  |
| 3h                                                      |  | 22096033-00  |
| EM (emergency) lamp power kit complete with connectors. |  |              |



**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0,9.



| Studio B 193 - DIP SWITCH |        |        |             |                          |       |                         |
|---------------------------|--------|--------|-------------|--------------------------|-------|-------------------------|
|                           |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |                         |
| LED                       | colour | weight | code        | I out                    | W tot | K - ølm - CRI           |
| COB                       | white  | 1,10   | 22161011-00 | 600                      | 22    | 4000K - 2718lm - CRI>90 |
|                           |        |        | 22161011-39 |                          |       | 3000K - 2582lm - CRI>90 |

Upon request: available DIMM DALI (-1241 and -3941) version.

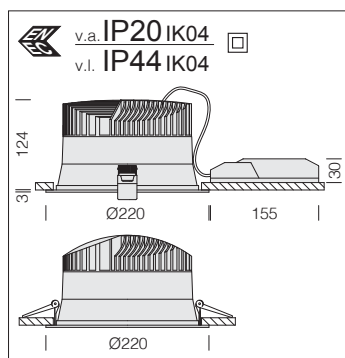
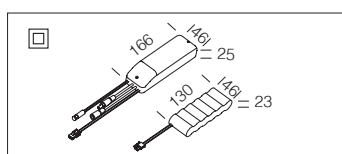
| DIP SWITCH SETTING |       |  | LUMEN OUTPUT (tq= 25 °C) |        |
|--------------------|-------|--|--------------------------|--------|
| I out              | W tot |  | K - ølm - CRI            |        |
| 600                | 22*   |  | 4000K - 2718lm           | CRI>90 |
| 650                | 24    |  | 4000K - 2913lm           | CRI>90 |
| 750                | 28    |  | 4000K - 3340lm           | CRI>90 |
| 800                | 30    |  | 4000K - 3492lm           | CRI>90 |

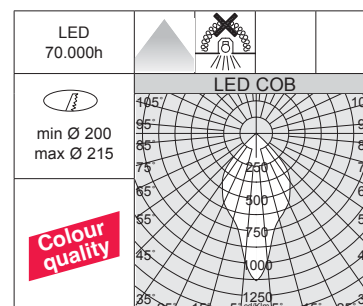
| DIP SWITCH SETTING |       |  | LUMEN OUTPUT (tq= 25 °C) |        |
|--------------------|-------|--|--------------------------|--------|
| I out              | W tot |  | K - ølm - CRI            |        |
| 600                | 22*   |  | 3000K - 2582lm           | CRI>90 |
| 650                | 24    |  | 3000K - 2767lm           | CRI>90 |
| 750                | 28    |  | 3000K - 3173lm           | CRI>90 |
| 800                | 30    |  | 3000K - 3317lm           | CRI>90 |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.



**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0,9.



| Studio B 220 - DIP SWITCH |        |        |             |                          |       |                         |
|---------------------------|--------|--------|-------------|--------------------------|-------|-------------------------|
|                           |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |                         |
| LED                       | colour | weight | code        | I out                    | W tot | K - ølm - CRI           |
| COB                       | white  | 1,50   | 22161111-00 | 950                      | 36    | 4000K - 4070lm - CRI>90 |
|                           |        |        | 22161111-39 |                          |       | 3000K - 3867lm - CRI>90 |

Upon request: available DIMM DALI (-1241 and -3941) version.

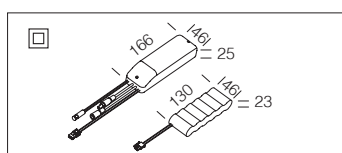
| DIP SWITCH SETTING |       |  | LUMEN OUTPUT (tq= 25 °C) |        |
|--------------------|-------|--|--------------------------|--------|
| I out              | W tot |  | K - ølm - CRI            |        |
| 900                | 34    |  | 4000K - 3899lm           | CRI>90 |
| 950                | 36    |  | 4000K - 4070lm           | CRI>90 |
| 1050               | 40    |  | 4000K - 4451lm           | CRI>90 |

| DIP SWITCH SETTING |       |  | LUMEN OUTPUT (tq= 25 °C) |        |
|--------------------|-------|--|--------------------------|--------|
| I out              | W tot |  | K - ølm - CRI            |        |
| 900                | 34    |  | 3000K - 3704lm           | CRI>90 |
| 950                | 36    |  | 3000K - 3867lm           | CRI>90 |
| 1050               | 40    |  | 3000K - 4228lm           | CRI>90 |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.





A family of fixtures designed to combine high energy saving with excellent light quality, to address diverse needs concerning both safety and maintenance. The fixture's design is extremely clean and functional. Manufactured in accordance with standards EN12464 for VDT.

**Housing-reflector:** in V2 shatterproof, self-extinguishing polycarbonate, coated with high-performance aluminium powder and equipped with anti-reflection and anti-glare optics. Perimeter border on the false ceiling has white or aluminium coloured photogravure finishing. Support bracket in galvanised steel with housings for fastening springs made in galvanised steel wire for false ceiling mounting. Shielding at 65°.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.95.

Photobiological safety class: exempt group

**Upon request:**

- available DIMM-DALI (-1241 and -3941) version .
- available version with terminal block for double insulation electrical wiring with the possibility for loop-in connection (-90).
- version with CASAMBI automation lighting control system (fixtures **to be installed in NON-METALLIC false ceilings/panels**).

For further information see chapter *Technical components*.

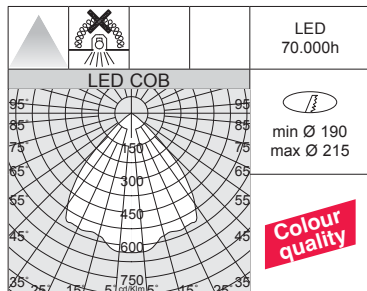




## ADAPT THE CURRENT TO ACHIEVE OPTIMAL LUMINOUS FLUX

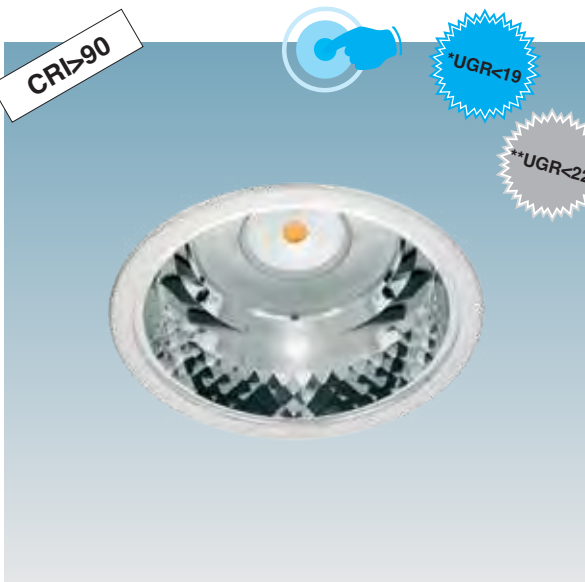
**DIP SWITCH SETTING:** the fixture comes with a *DIP SWITCH* driver for **THE SETTING OF THE OUTPUT CURRENT**. In this way you, can **ENSURE THE BEST LUMINOUS FLUX** for any lighting design.

The possibility to choose the correct drive current for LEDs will allow you to have the right power under specific design conditions. Using a lower current will improve the efficiency of fixtures and therefore increase energy savings, whilst a higher current will result in a higher light flux so that you can reduce the number of fixtures.



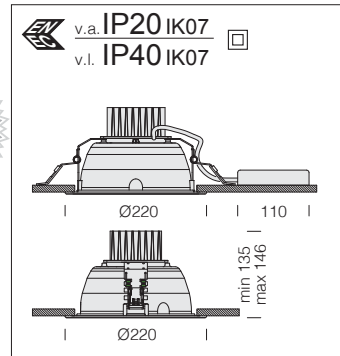
**Dark light reflector:** V2 self-extinguishing polycarbonate; metalized aluminium powder coated through a C.V.D. hard-vacuum process for greater light control and efficiency.

\*UGR<19 = 13W  
\*\*UGR<22 = 17W ÷ 24W



| Office 1 DARK - DIP SWITCH |           |        |             |             |                          |
|----------------------------|-----------|--------|-------------|-------------|--------------------------|
| LED                        | colour    | weight | CLD         |             | LUMEN OUTPUT (tq= 25 °C) |
|                            |           |        | code        | I out W tot |                          |
| COB                        | aluminium | 0,90   | 22152972-00 | 350 13      | 4000K - 1484lm - CRI>90  |
|                            |           |        | 22152972-39 |             | 3000K - 1409lm - CRI>90  |

Upon request: version with white rim and DIMM DALI (-1241 and -3941) version.



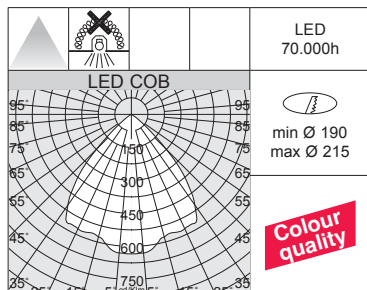
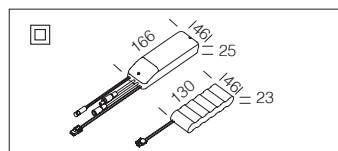
**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.95.

| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 350                      | 13*   | 4000K - 1484lm - CRI>90 |
| 450                      | 17**  | 4000K - 1889lm - CRI>90 |
| 550                      | 20**  | 4000K - 2302lm - CRI>90 |
| 650                      | 24**  | 4000K - 2682lm - CRI>90 |

| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 350                      | 13*   | 3000K - 1409lm - CRI>90 |
| 450                      | 17**  | 3000K - 1714lm - CRI>90 |
| 550                      | 20**  | 3000K - 2186lm - CRI>90 |
| 650                      | 24**  | 3000K - 2548lm - CRI>90 |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

EM (emergency) lamp power kit complete with connectors.



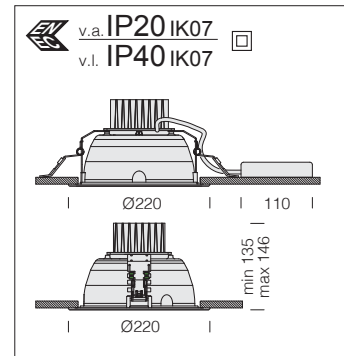
**Dark light reflector:** V2 self-extinguishing polycarbonate; metalized aluminium powder coated through a C.V.D. hard-vacuum process for greater light control and efficiency.

\*\*UGR<22 = 31W



| Office 1 DARK - DIP SWITCH |           |        |             |             |                          |
|----------------------------|-----------|--------|-------------|-------------|--------------------------|
| LED                        | colour    | weight | CLD         |             | LUMEN OUTPUT (tq= 25 °C) |
|                            |           |        | code        | I out W tot |                          |
| COB                        | aluminium | 0,90   | 22152973-00 | 850 31      | 4000K - 3412lm - CRI>90  |
|                            |           |        | 22152973-39 |             | 3000K - 3241lm - CRI>90  |

Upon request: version with white rim and DIMM DALI (-1241 and -3941) version.



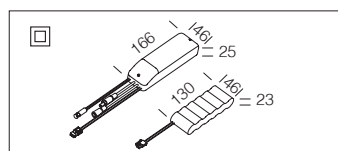
**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.95.

| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 850                      | 31*   | 4000K - 3412lm - CRI>90 |
| 950                      | 35    | 4000K - 3771lm - CRI>90 |
| 1050                     | 39    | 4000K - 4090lm - CRI>90 |

| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 850                      | 31*   | 3000K - 3241lm - CRI>90 |
| 950                      | 35    | 3000K - 3582lm - CRI>90 |
| 1050                     | 39    | 3000K - 3885lm - CRI>90 |

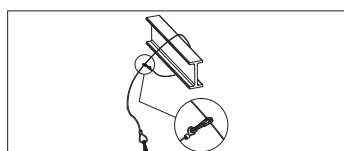
| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

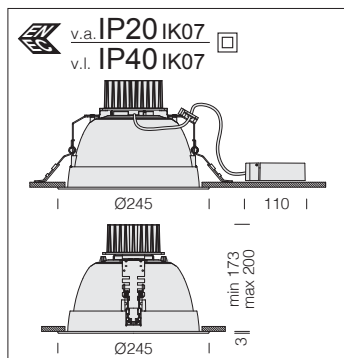
EM (emergency) lamp power kit complete with connectors.



| Safety cord |             |
|-------------|-------------|
|             | 22004112-00 |

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.





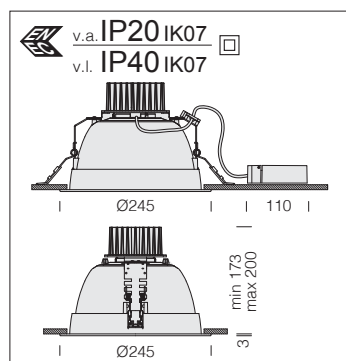
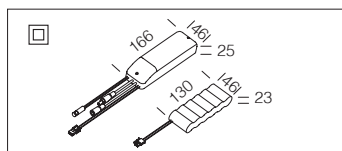
**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.



| Office 2 Dark - DIP SWITCH                                                    |           |        |             |       |       |                                                                                                            |
|-------------------------------------------------------------------------------|-----------|--------|-------------|-------|-------|------------------------------------------------------------------------------------------------------------|
|                                                                               |           | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C)                                                                                   |
| LED                                                                           | colour    | weight | code        | I out | W tot | K - ølm - CRI                                                                                              |
| COB                                                                           | aluminium | 1,00   | 22152577-00 | 600   | 21    | 4000K - 2550lm - CRI>90  |
|                                                                               |           |        | 22152577-39 |       |       | 3000K - 2422lm - CRI>90  |
| Upon request: version with white rim and DIMM DALI (-1241 and -3941) version. |           |        |             |       |       |                                                                                                            |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

EM (emergency) lamp power kit complete with connectors.



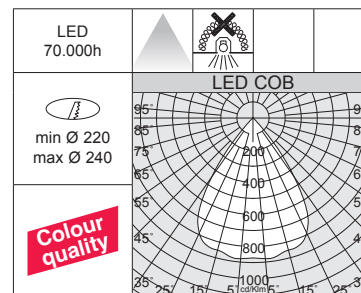
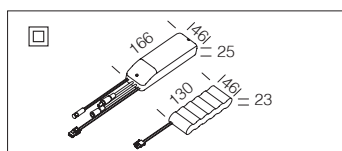
**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.



| Office 2 Dark - DIP SWITCH                                                    |           |        |             |       |                          |                                                                                                             |
|-------------------------------------------------------------------------------|-----------|--------|-------------|-------|--------------------------|-------------------------------------------------------------------------------------------------------------|
|                                                                               |           | CLD    |             |       | LUMEN OUTPUT (tq= 25 °C) |                                                                                                             |
| LED                                                                           | colour    | weight | code        | I out | W tot                    | K - ølm - CRI                                                                                               |
| COB                                                                           | aluminium | 1,00   | 22152578-00 | 1050  | 38                       | 4000K - 4028lm - CRI>90  |
|                                                                               |           |        | 22152578-39 |       |                          | 3000K - 3827lm - CRI>90  |
| Upon request: version with white rim and DIMM DALI (-1241 and -3941) version. |           |        |             |       |                          |                                                                                                             |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

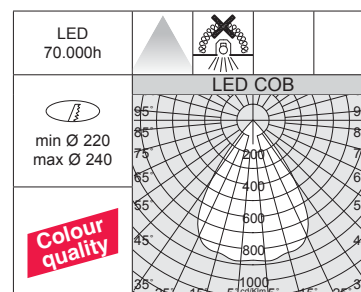
EM (emergency) lamp power kit complete with connectors.



**Dark light reflector:** V2 self-extinguishing polycarbonate; metalized aluminium powder coated through a C.V.D. hard-vacuum process for greater light control and efficiency.

| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 600                      | 21    | 4000K - 2550lm - CRI>90 |
| 650                      | 23    | 4000K - 2741lm - CRI>90 |
| 700                      | 25    | 4000K - 2920lm - CRI>90 |
| 800                      | 29    | 4000K - 3206lm - CRI>90 |

| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 600                      | 21    | 3000K - 2422lm - CRI>90 |
| 650                      | 23    | 3000K - 2604lm - CRI>90 |
| 700                      | 25    | 3000K - 2774lm - CRI>90 |
| 800                      | 29    | 3000K - 3046lm - CRI>90 |



**Dark light reflector:** V2 self-extinguishing polycarbonate; metalized aluminium powder coated through a C.V.D. hard-vacuum process for greater light control and efficiency.

| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 900                      | 33    | 4000K - 3591lm - CRI>90 |
| 950                      | 35    | 4000K - 3748lm - CRI>90 |
| 1050                     | 38    | 4000K - 4028lm - CRI>90 |

| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 900                      | 33    | 3000K - 3412lm - CRI>90 |
| 950                      | 35    | 3000K - 3561lm - CRI>90 |
| 1050                     | 38    | 3000K - 3827lm - CRI>90 |







Adequate lighting ensures proper perception of the environment and enables us to feel comfortable with our surroundings. This is the concept underlying the creation of the Milano recessed floodlight, ideal for quick, low-cost installation in any exhibition setting and fulfil interior decorators' artificial lighting requirements.

**Housing:** made in aluminium with spring clips for recessed mounting.

**Reflector:** made in metallized and prismatic aluminium.

**Lens:** supplied with sun shielding and anti-glare cover.

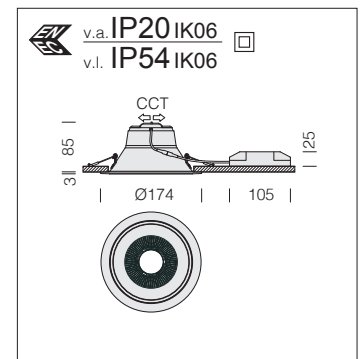
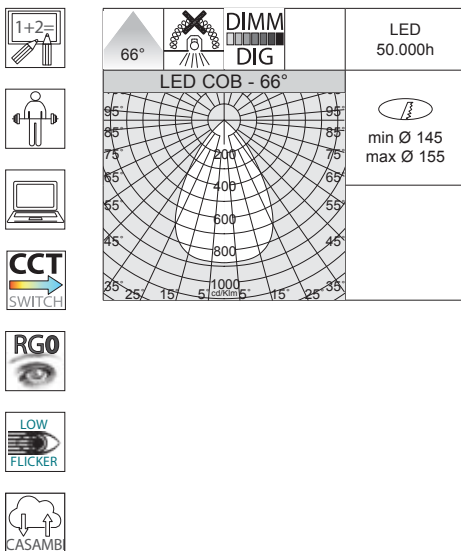
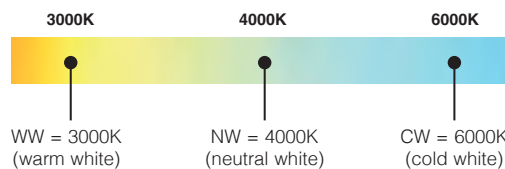
**Upon request:**

- available version with terminal block for double insulation electrical wiring with the possibility for loop-in connection (-90).
- version with CASAMBI automation lighting control system (fixtures **to be installed in NON-METALLIC false ceilings/panels**).

For further information see chapter *Technical components*.



The main feature of this luminaire is the "colour-changing" technology: with the built-in selector switch positioned on the fixture's body, you can choose the desired colour temperature (3000K-4000K-6000K), adjusting its emission to most lighting installations.

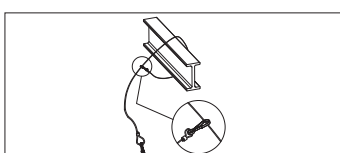


**LED:** luminous flux maintenance 80%: 50.000h (L80B20). Power factor >0,9.

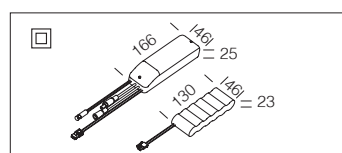
| Milano small - UGR<19 - CCT / DIP SWITCH |        |        |             |                          |       |                                                                                                                     |
|------------------------------------------|--------|--------|-------------|--------------------------|-------|---------------------------------------------------------------------------------------------------------------------|
|                                          |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |                                                                                                                     |
| LED                                      | colour | weight | code        | I out                    | W tot | K - ølm - CRI - degrees                                                                                             |
| LED                                      | white  | 0,40   | 22083101-00 | 400                      | 17    | 3000K - 1728lm - CRI>80 - 66°  |
|                                          |        |        |             |                          |       | 4000K - 1819lm - CRI>80 - 66°  |
|                                          |        |        |             |                          |       | 6000K - 1733lm - CRI>80 - 66°  |

|     |        | CLD D-DIG (DALI) |               |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|-----|--------|------------------|---------------|-------|-------------------------------|--|
| LED | colour | weight           | code          | W tot | K - ølm - CRI - degrees       |  |
| LED | white  | 0,40             | 22083101-1241 | 17    | 3000K - 1728lm - CRI>80 - 66° |  |
|     |        |                  |               |       | 4000K - 1819lm - CRI>80 - 66° |  |
|     |        |                  |               |       | 6000K - 1733lm - CRI>80 - 66° |  |

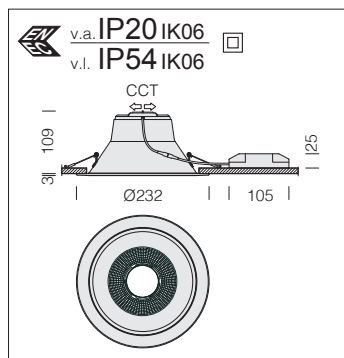
| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 400                | 17    | 3000K - 1728lm - CRI>80 - 66° |
| 450                | 19    | 4000K - 1819lm - CRI>80 - 66° |
| 500                | 21    | 6000K - 1733lm - CRI>80 - 66° |



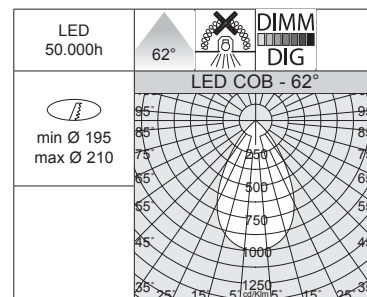
| Safety cord                                                                                  |
|----------------------------------------------------------------------------------------------|
| 22004112-00                                                                                  |
| Steel safety cord, to be used for safety installation of the fixtures inside false ceilings. |



| EM power kit                                            |             |
|---------------------------------------------------------|-------------|
| 1h                                                      | 22096035-00 |
| 3h                                                      | 22096037-00 |
| EM (emergency) lamp power kit complete with connectors. |             |



**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0,9.



| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 500                | 19    | 3000K - 2052lm - CRI>80 - 62° |  |
| 550                | 21    | 3000K - 2251lm - CRI>80 - 62° |  |
| 600                | 23    | 3000K - 2437lm - CRI>80 - 62° |  |
| 700                | 26    | 3000K - 2791lm - CRI>80 - 62° |  |

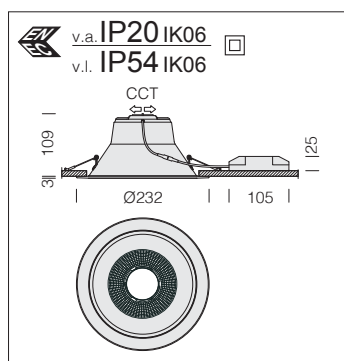
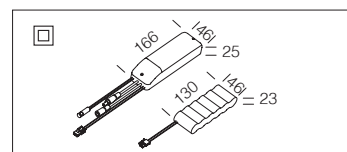
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 500                | 19    | 4000K - 2160lm - CRI>80 - 62° |  |
| 550                | 21    | 4000K - 2370lm - CRI>80 - 62° |  |
| 600                | 23    | 4000K - 2566lm - CRI>80 - 62° |  |
| 700                | 26    | 4000K - 2938lm - CRI>80 - 62° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 500                | 19    | 6000K - 2106lm - CRI>80 - 62° |  |
| 550                | 21    | 6000K - 2311lm - CRI>80 - 62° |  |
| 600                | 23    | 6000K - 2501lm - CRI>80 - 62° |  |
| 700                | 26    | 6000K - 2864lm - CRI>80 - 62° |  |

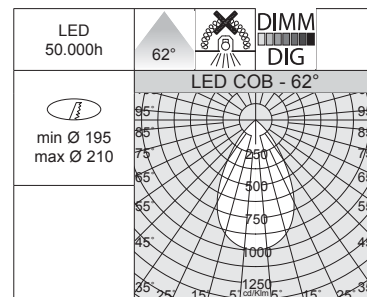
| Milano big - UGR<19 - CCT / DIP SWITCH |       |        |             |      |                          |
|----------------------------------------|-------|--------|-------------|------|--------------------------|
| LED                                    |       | colour | weight      | code | LUMEN OUTPUT (tq= 25 °C) |
|                                        |       |        |             |      | K - ølm - CRI - degrees  |
| LED                                    | white | 0,50   | 22083002-00 | 600  | 23                       |
|                                        |       |        |             |      |                          |
|                                        |       |        |             |      |                          |

| LED |       | colour | weight        | code | LUMEN OUTPUT (tq= 25 °C) |
|-----|-------|--------|---------------|------|--------------------------|
|     |       |        |               |      | K - ølm - CRI - degrees  |
| LED | white | 0,50   | 22083002-1241 | 23   |                          |
|     |       |        |               |      |                          |
|     |       |        |               |      |                          |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |



**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0,9.



| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 800                | 31    | 3000K - 3082lm - CRI>80 - 62° |  |
| 850                | 33    | 3000K - 3236lm - CRI>80 - 62° |  |
| 900                | 35    | 3000K - 3447lm - CRI>80 - 62° |  |

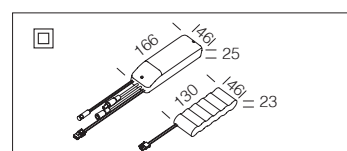
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 800                | 31    | 4000K - 3245lm - CRI>80 - 62° |  |
| 850                | 33    | 4000K - 3406lm - CRI>80 - 62° |  |
| 900                | 35    | 4000K - 3629lm - CRI>80 - 62° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 800                | 31    | 6000K - 3163lm - CRI>80 - 62° |  |
| 850                | 33    | 6000K - 3321lm - CRI>80 - 62° |  |
| 900                | 35    | 6000K - 3538lm - CRI>80 - 62° |  |

| Milano big - UGR<19 - CCT / DIP SWITCH |       |        |             |      |                          |
|----------------------------------------|-------|--------|-------------|------|--------------------------|
| LED                                    |       | colour | weight      | code | LUMEN OUTPUT (tq= 25 °C) |
|                                        |       |        |             |      | K - ølm - CRI - degrees  |
| LED                                    | white | 0,50   | 22083001-00 | 800  | 31                       |
|                                        |       |        |             |      |                          |
|                                        |       |        |             |      |                          |

| LED |       | colour | weight        | code | LUMEN OUTPUT (tq= 25 °C) |
|-----|-------|--------|---------------|------|--------------------------|
|     |       |        |               |      | K - ølm - CRI - degrees  |
| LED | white | 0,50   | 22083001-1241 | 31   |                          |
|     |       |        |               |      |                          |
|     |       |        |               |      |                          |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

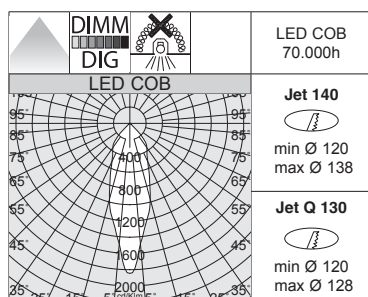




**Housing:** fixed downlight in die cast aluminium complete with spring clips for recessed mounting

**Reflector:** dark light optics in high gloss, anti-glare aluminium to optimise light efficiency. Version with matt wide beam optics upon request.

**LED:** high Energy Saving.  
Luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.9.  
Photobiological safety class: exempt group.



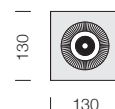
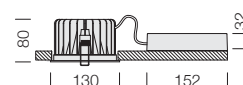
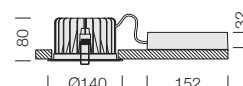
3-4 Version with matt wide beam optics upon request.



power supply  
IP65

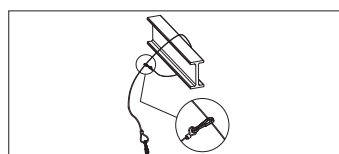


IP65 IK04



| Jet 140 - IP65 (1) |        |        |             |                  |  |       |                          |
|--------------------|--------|--------|-------------|------------------|--|-------|--------------------------|
|                    |        | CLD    |             | CLD D-DIG (DALI) |  |       | LUMEN OUTPUT (tq= 25 °C) |
| LED                | colour | weight | code        | code             |  | W tot | K - ølm - CRI            |
| COB                | white  | 1,10   | 22065612-00 | 22065612-1241    |  | 23    | 4000K - 1892lm - CRI>90  |
|                    |        |        | 22065612-39 | 22065612-3941    |  |       | 3000K - 1797lm - CRI>90  |

| Jet Q 130 - IP65 (2) |        |        |             |                  |       |                          |
|----------------------|--------|--------|-------------|------------------|-------|--------------------------|
|                      |        | CLD    |             | CLD D-DIG (DALI) |       | LUMEN OUTPUT (tq= 25 °C) |
| LED                  | colour | weight | code        | code             | W tot | K - ølm - CRI            |
| COB                  | white  | 1,10   | 22065712-00 | 22065712-1241    | 23    | 4000K - 1892lm - CRI>90  |
|                      |        |        | 22065712-39 | 22065712-3941    |       | 3000K - 1797lm - CRI>90  |

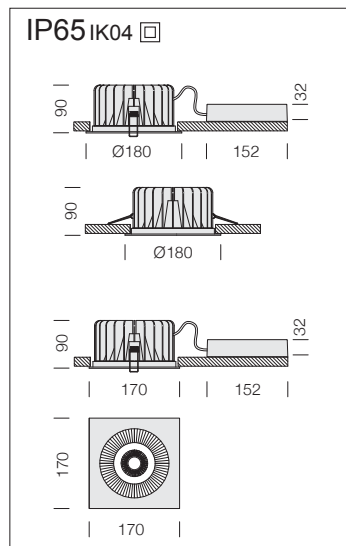


**Safety cord**

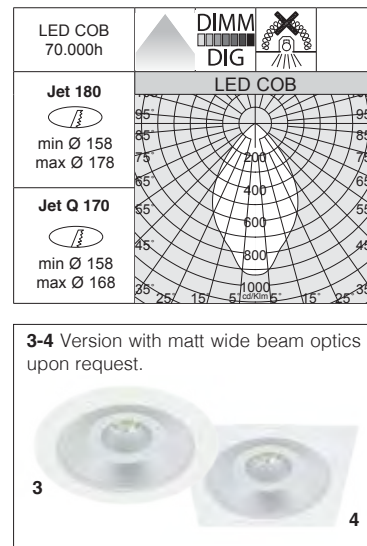
22004112-00

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.



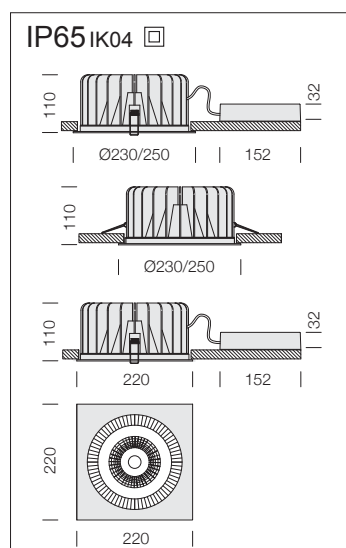


power supply  
IP65

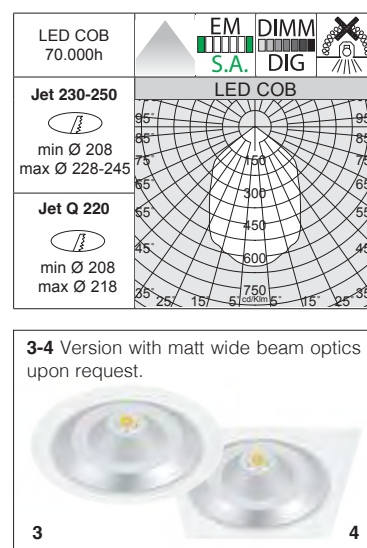


| Jet 180 - IP65 (1)       |        |        |             |                  |       |
|--------------------------|--------|--------|-------------|------------------|-------|
| LED                      | colour | weight | CLD         | CLD D-DIG (DALI) | W tot |
| COB                      | white  | 1,60   | code        | code             | 32    |
|                          |        |        | 22065613-00 | 22065613-1241    |       |
|                          |        |        | 22065613-39 | 22065613-3941    |       |
| LUMEN OUTPUT (tq= 25 °C) |        |        |             |                  |       |
| K - ølm - CRI            |        |        |             |                  |       |
| 4000K - 3423lm - CRI>90  |        |        |             |                  |       |
| 3000K - 3251lm - CRI>90  |        |        |             |                  |       |

| Jet Q 170 - IP65 (2)     |        |        |             |                  |       |
|--------------------------|--------|--------|-------------|------------------|-------|
| LED                      | colour | weight | CLD         | CLD D-DIG (DALI) | W tot |
| COB                      | white  | 1,60   | code        | code             | 32    |
|                          |        |        | 22065713-00 | 22065713-1241    |       |
|                          |        |        | 22065713-39 | 22065713-3941    |       |
| LUMEN OUTPUT (tq= 25 °C) |        |        |             |                  |       |
| K - ølm - CRI            |        |        |             |                  |       |
| 4000K - 3423lm - CRI>90  |        |        |             |                  |       |
| 3000K - 3251lm - CRI>90  |        |        |             |                  |       |



power supply  
IP65



| Jet 230 - IP65 (1)       |        |        |             |               |                  |
|--------------------------|--------|--------|-------------|---------------|------------------|
| LED                      | colour | weight | CLD         | CLD E         | CLD D-DIG (DALI) |
| COB                      | white  | 2,40   | code        | code          | code             |
|                          |        |        | 22065616-00 | 22065616-09   | 22065616-1241    |
|                          |        |        | 22065616-39 | 22065616-0928 | 22065616-3941    |
| LUMEN OUTPUT (tq= 25 °C) |        |        |             |               |                  |
| K - ølm - CRI            |        |        |             |               |                  |
| 4000K - 5584lm - CRI>90  |        |        |             |               |                  |
| 3000K - 5304lm - CRI>90  |        |        |             |               |                  |

| Jet Q 220 - IP65 (2)     |        |        |             |               |                  |
|--------------------------|--------|--------|-------------|---------------|------------------|
| LED                      | colour | weight | CLD         | CLD E         | CLD D-DIG (DALI) |
| COB                      | white  | 2,40   | code        | code          | code             |
|                          |        |        | 22065716-00 | 22065716-09   | 22065716-1241    |
|                          |        |        | 22065716-39 | 22065716-0928 | 22065716-3941    |
| LUMEN OUTPUT (tq= 25 °C) |        |        |             |               |                  |
| K - ølm - CRI            |        |        |             |               |                  |
| 4000K - 5584lm - CRI>90  |        |        |             |               |                  |
| 3000K - 5304lm - CRI>90  |        |        |             |               |                  |

| Jet 250 - IP65           |        |        |             |               |                  |
|--------------------------|--------|--------|-------------|---------------|------------------|
| LED                      | colour | weight | CLD         | CLD E         | CLD D-DIG (DALI) |
| COB                      | white  | 2,50   | code        | code          | code             |
|                          |        |        | 22065618-00 | 22065618-09   | 22065618-1241    |
|                          |        |        | 22065618-39 | 22065618-0928 | 22065618-3941    |
| LUMEN OUTPUT (tq= 25 °C) |        |        |             |               |                  |
| K - ølm - CRI            |        |        |             |               |                  |
| 4000K - 5584lm - CRI>90  |        |        |             |               |                  |
| 3000K - 5304lm - CRI>90  |        |        |             |               |                  |

Equipped with ring; can act as both an aesthetic finishing and to cover fitting holes with diameters up to 245mm.



## ADAPT THE CURRENT TO ACHIEVE OPTIMAL LUMINOUS FLUX

**DIP SWITCH SETTING:** the fixture comes with a *DIP SWITCH* driver for **THE SETTING OF THE OUTPUT CURRENT**. In this way you, can **ENSURE THE BEST LUMINOUS FLUX** for any lighting design.

The possibility to choose the correct drive current for LEDs will allow you to have the right power under specific design conditions. Using a lower current will improve the efficiency of fixtures and therefore increase energy savings, whilst a higher current will result in a higher light flux so that you can reduce the number of fixtures.



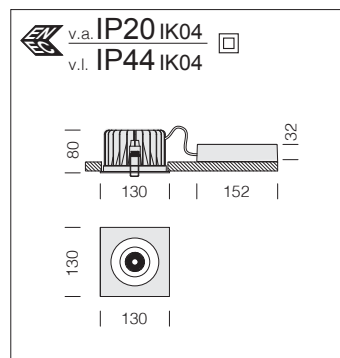
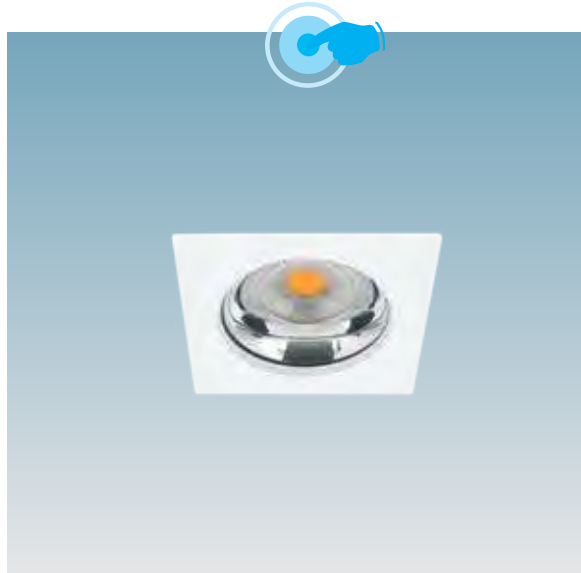
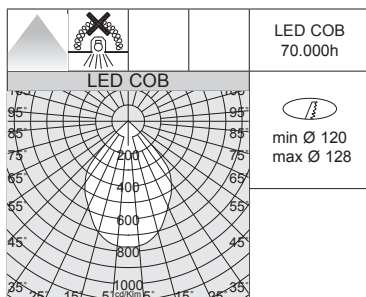
**Housing:** fixed downlight in die cast aluminium complete with spring clips for recessed mounting

**Reflector:** dark light optics in high gloss, anti-glare aluminium to optimise light efficiency.

**Lens:** in polycarbonate with high efficiency output and very low glare rate.

### Upon request:

- available version with terminal block for double insulation electrical wiring with the possibility for loop-in connection (-90).
  - version with CASAMBI automation lighting control system (fixtures **to be installed in NON-METALLIC false ceilings/panels**).
- For further information see chapter *Technical components*.



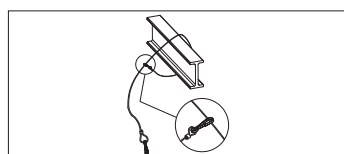
**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.

| Jet Q 130 - IP44 - DIP SWITCH                                |        |        |             |       |       |                                                                                                               |
|--------------------------------------------------------------|--------|--------|-------------|-------|-------|---------------------------------------------------------------------------------------------------------------|
|                                                              |        | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C)                                                                                      |
| LED                                                          | colour | weight | code        | I out | W tot | K - ølm - CRI                                                                                                 |
| COB                                                          | white  | 0,70   | 22065710-00 | 600   | 22    | 4000K - 2942lm - CRI>80  |
|                                                              |        |        | 22065710-39 |       |       | 3000K - 2795lm - CRI>80  |
| Upon request: available DIMM DALI (-1241 and -3941) version. |        |        |             |       |       |                                                                                                               |

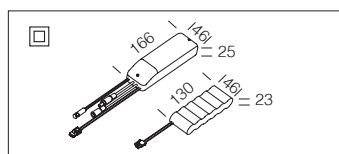
Upon request: available DIMM DALI (-1241 and -3941) version.

| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 450                      | 16    | 4000K - 2271lm - CRI>80 |
| 500                      | 18    | 4000K - 2494lm - CRI>80 |
| 600                      | 22    | 4000K - 2942lm - CRI>80 |

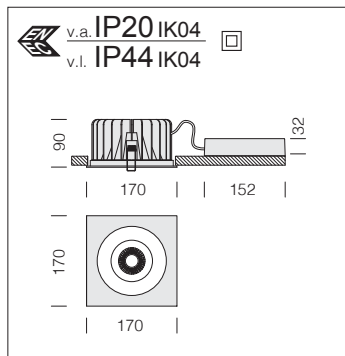
| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 450                      | 16    | 3000K - 2157lm - CRI>80 |
| 500                      | 18    | 3000K - 2369lm - CRI>80 |
| 600                      | 22    | 3000K - 2795lm - CRI>80 |



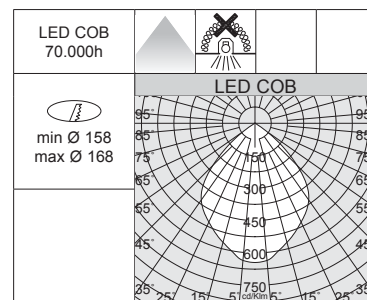
| Safety cord                                                                                  |
|----------------------------------------------------------------------------------------------|
| 22004112-00                                                                                  |
| Steel safety cord, to be used for safety installation of the fixtures inside false ceilings. |



| EM power kit                                            |             |
|---------------------------------------------------------|-------------|
| 1h                                                      | 22096015-00 |
| 3h                                                      | 22096033-00 |
| EM (emergency) lamp power kit complete with connectors. |             |



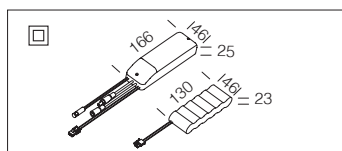
**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.



| Jet Q 170 - IP44 - DIP SWITCH                                |        |        |                     |             |           |                                                                                                            |
|--------------------------------------------------------------|--------|--------|---------------------|-------------|-----------|------------------------------------------------------------------------------------------------------------|
|                                                              |        | CLD    |                     |             |           | LUMEN OUTPUT (tq= 25 °C)                                                                                   |
| LED                                                          | colour | weight | code                | I out       | W tot     | K - ølm - CRI                                                                                              |
| COB                                                          | white  | 1,10   | 220 <b>65714-00</b> | <b>1050</b> | <b>38</b> | 4000K - 5099lm - CRI>80  |
|                                                              |        |        | 220 <b>65714-39</b> |             |           | 3000K - 4844lm - CRI>80  |
| Upon request: available DIMM DALI (-1241 and -3941) version. |        |        |                     |             |           |                                                                                                            |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

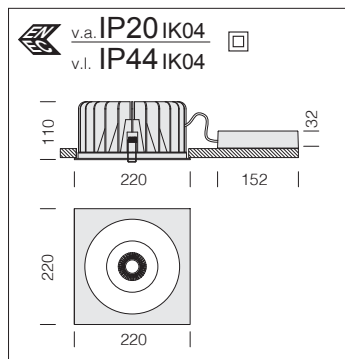
EM (emergency) lamp power kit complete with connectors.



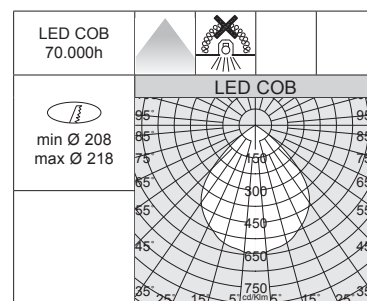
| DIP SWITCH SETTING |           |                          |
|--------------------|-----------|--------------------------|
|                    |           | LUMEN OUTPUT (tq= 25 °C) |
| I out              | W tot     | K - ølm - CRI            |
| <b>900</b>         | <b>33</b> | 4000K - 4479lm - CRI>80  |
| <b>950</b>         | <b>35</b> | 4000K - 4887lm - CRI>80  |
| <b>1050</b>        | <b>38</b> | 4000K - 5099lm - CRI>80  |

| DIP SWITCH SETTING |           |                          |
|--------------------|-----------|--------------------------|
|                    |           | LUMEN OUTPUT (tq= 25 °C) |
| I out              | W tot     | K - ølm - CRI            |
| <b>900</b>         | <b>33</b> | 3000K - 4255lm - CRI>80  |
| <b>950</b>         | <b>35</b> | 3000K - 4643lm - CRI>80  |
| <b>1050</b>        | <b>38</b> | 3000K - 4844lm - CRI>80  |



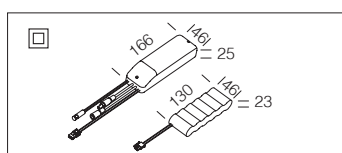
**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.



| Jet Q 220 - IP44 - DIP SWITCH                                |        |        |             |       |       |                                                                                                             |
|--------------------------------------------------------------|--------|--------|-------------|-------|-------|-------------------------------------------------------------------------------------------------------------|
|                                                              |        | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C)                                                                                    |
| LED                                                          | colour | weight | code        | I out | W tot | K - ølm - CRI                                                                                               |
| COB                                                          | white  | 1,90   | 22065717-00 | 1400  | 52    | 4000K - 6616lm - CRI>80  |
|                                                              |        |        | 22065717-39 |       |       | 3000K - 6285lm - CRI>80  |
| Upon request: available DIMM DALI (-1241 and -3941) version. |        |        |             |       |       |                                                                                                             |

| EM power kit |                      |
|--------------|----------------------|
| 1h           | 220 <b>96015</b> -00 |
| 3h           | 220 <b>96033</b> -00 |

EM (emergency) lamp power kit complete with connectors.

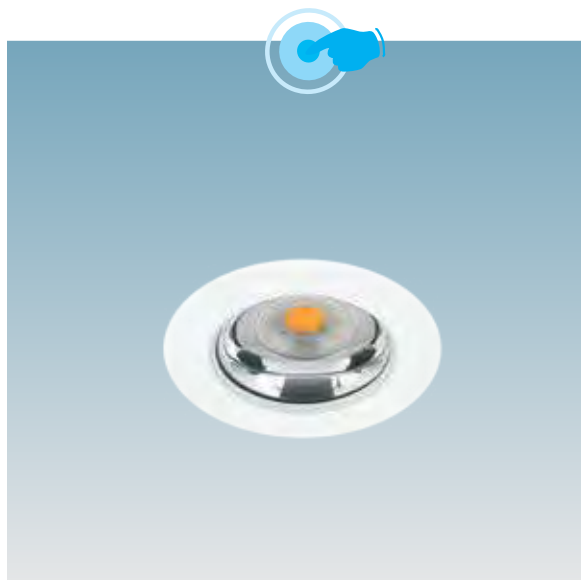
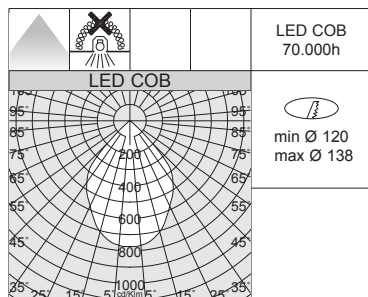


| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - alim - CRI          |
| 1050                     | 38    | 4000K - 5181lm - CRI>80 |
| 1200                     | 44    | 4000K - 5801lm - CRI>80 |
| 1400                     | 52    | 4000K - 6616lm - CRI>80 |

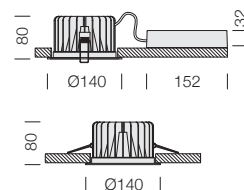
  

| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - alim - CRI          |
| 1050                     | 38    | 3000K - 4922lm - CRI>80 |
| 1200                     | 44    | 3000K - 5511lm - CRI>80 |
| 1400                     | 52    | 3000K - 6285lm - CRI>80 |





v.a. IP20 IK04  
v.l. IP44 IK04

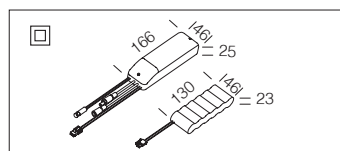


**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.

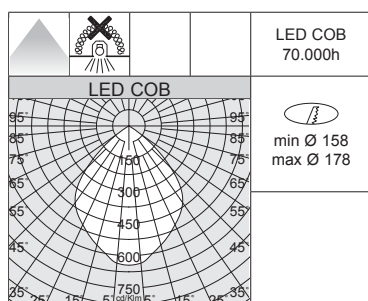
| Jet 140 - IP44 - DIP SWITCH                                  |        |        |             |       |       |                                                                                                             |
|--------------------------------------------------------------|--------|--------|-------------|-------|-------|-------------------------------------------------------------------------------------------------------------|
|                                                              |        | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C)                                                                                    |
| LED                                                          | colour | weight | code        | I out | W tot | K - ølm - CRI                                                                                               |
| COB                                                          | white  | 0,70   | 22065610-00 | 600   | 22    | 4000K - 2942lm - CRI>80  |
|                                                              |        |        | 22065610-39 |       |       | 3000K - 2795lm - CRI>80  |
| Upon request: available DIMM DALI (-1241 and -3941) version. |        |        |             |       |       |                                                                                                             |

| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 450                      | 16    | 4000K - 2271lm - CRI>80 |
| 500                      | 18    | 4000K - 2494lm - CRI>80 |
| 600                      | 22    | 4000K - 2942lm - CRI>80 |

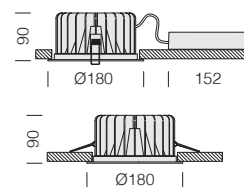
| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 450                      | 16    | 3000K - 2157lm - CRI>80 |
| 500                      | 18    | 3000K - 2369lm - CRI>80 |
| 600                      | 22    | 3000K - 2795lm - CRI>80 |



| EM power kit                                            |             |
|---------------------------------------------------------|-------------|
| 1h                                                      | 22096015-00 |
| 3h                                                      | 22096033-00 |
| EM (emergency) lamp power kit complete with connectors. |             |



v.a. IP20 IK04  
v.l. IP44 IK04

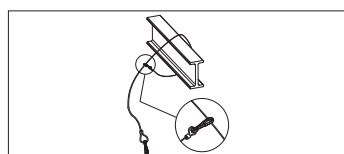


**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.

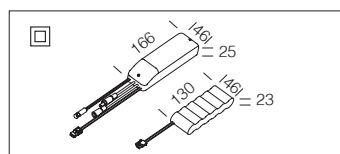
| Jet 180 - IP44 - DIP SWITCH                                  |        |        |             |       |       |                                                                                                               |
|--------------------------------------------------------------|--------|--------|-------------|-------|-------|---------------------------------------------------------------------------------------------------------------|
|                                                              |        | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C)                                                                                      |
| LED                                                          | colour | weight | code        | I out | W tot | K - ølm - CRI                                                                                                 |
| COB                                                          | white  | 1, 10  | 22065614-00 | 1050  | 38    | 4000K - 5099lm - CRI>80  |
|                                                              |        |        | 22065614-39 |       |       | 3000K - 4844lm - CRI>80  |
| Upon request: available DIMM DALI (-1241 and -3941) version. |        |        |             |       |       |                                                                                                               |

| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 900                      | 33    | 4000K - 4479lm - CRI>80 |
| 950                      | 35    | 4000K - 4887lm - CRI>80 |
| 1050                     | 38    | 4000K - 5099lm - CRI>80 |

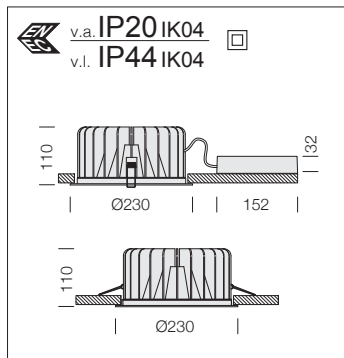
| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 900                      | 33    | 3000K - 4255lm - CRI>80 |
| 950                      | 35    | 3000K - 4643lm - CRI>80 |
| 1050                     | 38    | 3000K - 4844lm - CRI>80 |



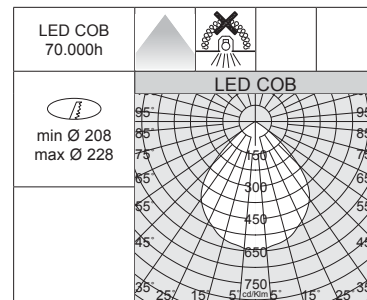
| Safety cord                                                                                  |  |
|----------------------------------------------------------------------------------------------|--|
| 22004112-00                                                                                  |  |
| Steel safety cord, to be used for safety installation of the fixtures inside false ceilings. |  |



| EM power kit                                            |             |
|---------------------------------------------------------|-------------|
| 1h                                                      | 22096015-00 |
| 3h                                                      | 22096033-00 |
| EM (emergency) lamp power kit complete with connectors. |             |



**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.

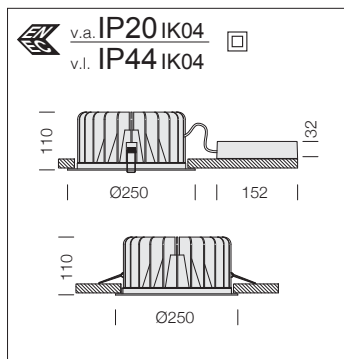
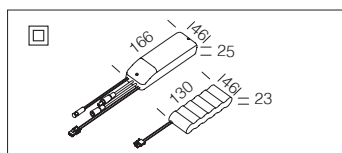


| Jet 230 - IP44 - DIP SWITCH                                  |        |        |             |       |       |                                                                                                           |
|--------------------------------------------------------------|--------|--------|-------------|-------|-------|-----------------------------------------------------------------------------------------------------------|
|                                                              |        | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C)                                                                                  |
| LED                                                          | colour | weight | code        | I out | W tot | K - ølm - CRI                                                                                             |
| COB                                                          | white  | 1,90   | 22065617-00 | 1400  | 52    | 4000K - 6616lm - CRI>80  |
|                                                              |        |        | 22065617-39 |       |       | 3000K - 6285lm - CRI>80  |
| Upon request: available DIMM DALI (-1241 and -3941) version. |        |        |             |       |       |                                                                                                           |

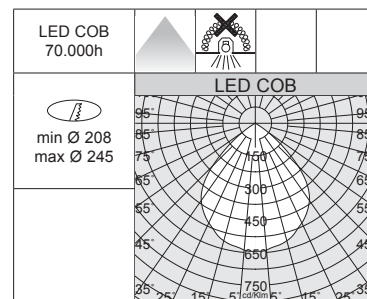
| DIP SWITCH SETTING |       |                          |
|--------------------|-------|--------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C) |
|                    |       | K - ølm - CRI            |
| 1050               | 38    | 4000K - 5181lm - CRI>80  |
| 1200               | 44    | 4000K - 5801lm - CRI>80  |
| 1400               | 52    | 4000K - 6616lm - CRI>80  |

| DIP SWITCH SETTING |       |                          |
|--------------------|-------|--------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C) |
|                    |       | K - ølm - CRI            |
| 1050               | 38    | 3000K - 4922lm - CRI>80  |
| 1200               | 44    | 3000K - 5511lm - CRI>80  |
| 1400               | 52    | 3000K - 6285lm - CRI>80  |

| EM power kit                                            |             |
|---------------------------------------------------------|-------------|
| 1h                                                      | 22096015-00 |
| 3h                                                      | 22096033-00 |
| EM (emergency) lamp power kit complete with connectors. |             |



**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.

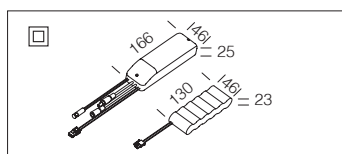


| Jet 250 - IP44 - DIP SWITCH                                                                                                                                                       |        |        |             |       |       |                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|-------------|-------|-------|-------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                   |        | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C)                                                                                    |
| LED                                                                                                                                                                               | colour | weight | code        | I out | W tot | K - ølm - CRI                                                                                               |
| COB                                                                                                                                                                               | white  | 2,00   | 22065615-00 | 1400  | 52    | 4000K - 6616lm - CRI>80  |
|                                                                                                                                                                                   |        |        | 22065615-39 |       |       | 3000K - 6285lm - CRI>80  |
| Equipped with ring; can act as both an aesthetic finishing and to cover fitting holes with diameters up to 245mm.<br>Upon request: available DIMM DALI (-1241 and -3941) version. |        |        |             |       |       |                                                                                                             |

| DIP SWITCH SETTING |       |                          |
|--------------------|-------|--------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C) |
|                    |       | K - ølm - CRI            |
| 1050               | 38    | 4000K - 5181lm - CRI>80  |
| 1200               | 44    | 4000K - 5801lm - CRI>80  |
| 1400               | 52    | 4000K - 6616lm - CRI>80  |

| DIP SWITCH SETTING |       |                          |
|--------------------|-------|--------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C) |
|                    |       | K - ølm - CRI            |
| 1050               | 38    | 3000K - 4922lm - CRI>80  |
| 1200               | 44    | 3000K - 5511lm - CRI>80  |
| 1400               | 52    | 3000K - 6285lm - CRI>80  |

| EM power kit                                            |             |
|---------------------------------------------------------|-------------|
| 1h                                                      | 22096015-00 |
| 3h                                                      | 22096033-00 |
| EM (emergency) lamp power kit complete with connectors. |             |





The range of Luthor recessed spotlights is expanded with three sizes. This enables to fit the spotlights in all fitting holes of the same line of products. Luthor adjustable recessed LED spotlights offer technologically advanced light and are a very solid product with high quality and high performance to illuminate large commercial spaces.

**Housing:** adjustable angle, made of die-cast aluminium with spring clips for recessed mounting.

**Reflector:** high-efficiency prismatic and polished aluminium with glass screen

**Coating:** dust painted, using polyester epoxy paint to withstand UV rays.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.95.

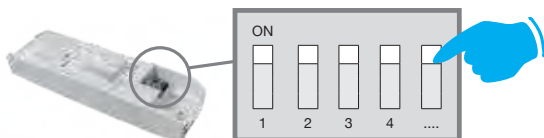
Photobiological safety class: exempt group.

**Upon request:**

- available DIMM-DALI (-1241 and -3941) and PUSH-DIMM (-1245 and -3945) version.
- available version with terminal block for double insulation electrical wiring with the possibility for loop-in connection (-90).
- version with CASAMBI automation lighting control system (fixtures **to be installed in NON-METALLIC false ceilings/panels**).

For further information see chapter *Technical components*.

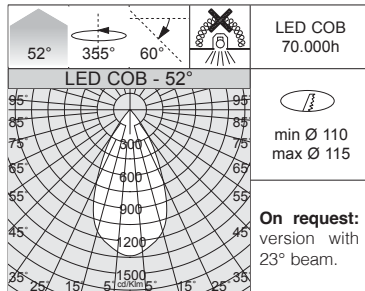




## ADAPT THE CURRENT TO ACHIEVE OPTIMAL LUMINOUS FLUX

**DIP SWITCH SETTING:** the fixture comes with a *DIP SWITCH* driver for **THE SETTING OF THE OUTPUT CURRENT**. In this way you, can **ENSURE THE BEST LUMINOUS FLUX** for any lighting design.

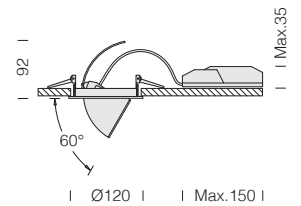
The possibility to choose the correct drive current for LEDs will allow you to have the right power under specific design conditions. Using a lower current will improve the efficiency of fixtures and therefore increase energy savings, whilst a higher current will result in a higher light flux so that you can reduce the number of fixtures.



Upon request: available in 4000K black/  
gold colour version (subcode **-170027**).



v.a. IP20 IK07  
v.l. IP40 IK07



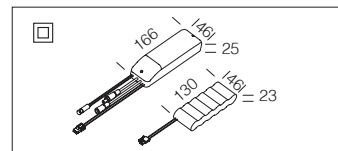
**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.9.

| Luthor Small - DIP SWITCH - PROFESSIONAL |        |        |             |       |                          |
|------------------------------------------|--------|--------|-------------|-------|--------------------------|
| LED                                      | colour | weight | CLD         |       | LUMEN OUTPUT (tq= 25 °C) |
|                                          |        |        | code        | I out | W tot                    |
| COB                                      | white  | 0.50   | 22087808-00 | 250   | 9                        |
|                                          | black  |        | 22087831-00 |       |                          |
| COB                                      | white  | 0.50   | 22087808-39 | 250   | 9                        |
|                                          | black  |        | 22087831-39 |       |                          |

Upon request: DIMM DALI (-1241 and -3941) and PUSH-DIMM (-1245 and -3945) version.

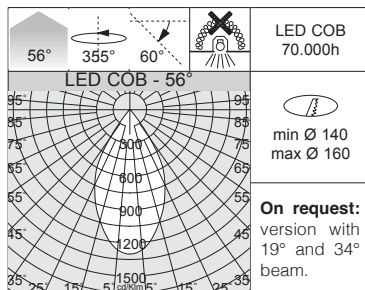
| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|                    |       | K - ølm - CRI - degrees       |
| 250                | 9*    | 4000K - 1129lm - CRI 93 - 52° |
| 300                | 11    | 4000K - 1328lm - CRI 93 - 52° |
| 350                | 13    | 4000K - 1530lm - CRI 93 - 52° |

| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|                    |       | K - ølm - CRI - degrees       |
| 250                | 9*    | 3000K - 1072lm - CRI 93 - 52° |
| 300                | 11    | 3000K - 1263lm - CRI 93 - 52° |
| 350                | 13    | 3000K - 1453lm - CRI 93 - 52° |



| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

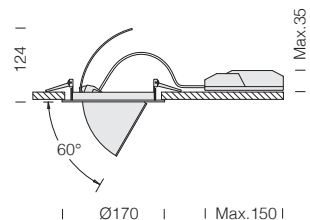
EM (emergency) lamp power kit complete with connectors.



Upon request: available in 4000K black/  
gold colour version (subcode **-170027**).



v.a. IP20 IK07  
v.l. IP40 IK07



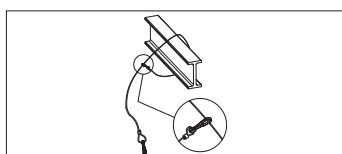
**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.9.

| Luthor Medium - DIP SWITCH - PROFESSIONAL |        |        |             |       |                          |
|-------------------------------------------|--------|--------|-------------|-------|--------------------------|
| LED                                       | colour | weight | CLD         |       | LUMEN OUTPUT (tq= 25 °C) |
|                                           |        |        | code        | I out | W tot                    |
| COB                                       | white  | 1.00   | 22087809-00 | 500   | 19                       |
|                                           | black  |        | 22087832-00 |       |                          |
| COB                                       | white  | 1.00   | 22087809-39 | 500   | 19                       |
|                                           | black  |        | 22087832-39 |       |                          |

Upon request: DIMM DALI (-1241 and -3941) and PUSH-DIMM (-1245 and -3945) version.

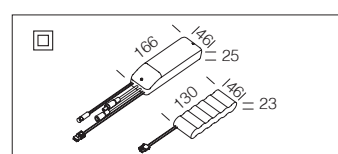
| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|                    |       | K - ølm - CRI - degrees       |
| 350                | 13*   | 4000K - 1615lm - CRI 93 - 56° |
| 400                | 15*   | 4000K - 1826lm - CRI 93 - 56° |
| 500                | 19*   | 4000K - 2251lm - CRI 93 - 56° |
| 600                | 22    | 4000K - 2643lm - CRI 93 - 56° |
| 700                | 26    | 4000K - 3036lm - CRI 93 - 56° |

| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|                    |       | K - ølm - CRI - degrees       |
| 350                | 13*   | 3000K - 1534lm - CRI 93 - 56° |
| 400                | 15*   | 3000K - 1735lm - CRI 93 - 56° |
| 500                | 19*   | 3000K - 2137lm - CRI 93 - 56° |
| 600                | 22    | 3000K - 2511lm - CRI 93 - 56° |
| 700                | 26    | 3000K - 2884lm - CRI 93 - 56° |



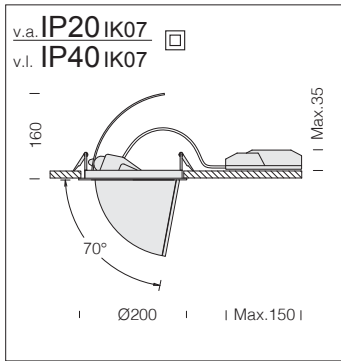
| Safety cord |             |
|-------------|-------------|
|             | 22004112-00 |

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.

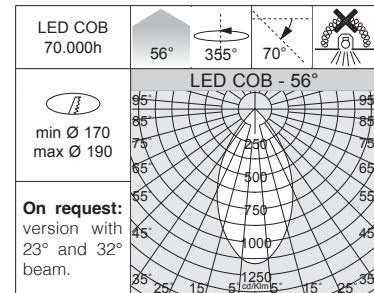


| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.



**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.9.



**Upon request:** available in 4000K black/gold colour version (subcode **-170027**).



| Luthor Big - DIP SWITCH - PROFESSIONAL |        |        |             |       |       |
|----------------------------------------|--------|--------|-------------|-------|-------|
| LED                                    | colour | weight | CLD code    | I out | W tot |
| COB                                    | white  | 1,70   | 22085910-00 | 1050  | 39    |
|                                        | black  |        | 22085930-00 |       |       |
| COB                                    | white  | 1,70   | 22085910-39 | 1050  | 39    |
|                                        | black  |        | 22085930-39 |       |       |

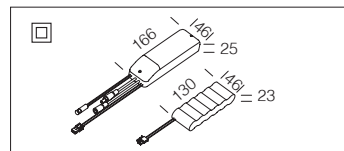
**LUMEN OUTPUT (tq= 25 °C)**  
K - ølm - CRI - degrees

4000K - 4409lm - **CRI 93** - 56°  
3000K - 4189lm - **CRI 93** - 56°

**Upon request:** DIMM DALI (-1241 and -3941) and PUSH-DIMM (-1245 and -3945) version.

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

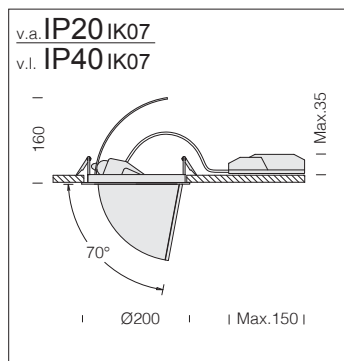
EM (emergency) lamp power kit complete with connectors.



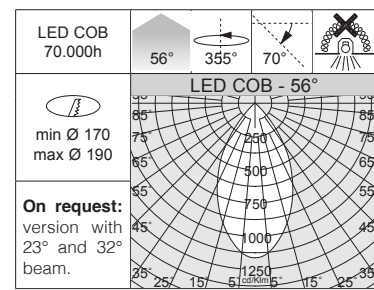
| DIP SWITCH SETTING |       |
|--------------------|-------|
| I out              | W tot |
| 850                | 32    |
| 900                | 33    |
| 950                | 36    |
| 1050               | 39    |

**LUMEN OUTPUT (tq= 25 °C)**  
K - ølm - CRI - degrees

4000K - 3681lm - **CRI 93** - 56°  
4000K - 3876lm - **CRI 93** - 56°  
4000K - 4091lm - **CRI 93** - 56°  
4000K - 4409lm - **CRI 93** - 56°



**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.9.



**Upon request:** available in 4000K black/gold colour version (subcode **-170027**).



| Luthor Big - DIP SWITCH - PROFESSIONAL |        |        |             |       |       |
|----------------------------------------|--------|--------|-------------|-------|-------|
| LED                                    | colour | weight | CLD code    | I out | W tot |
| COB                                    | white  | 1,70   | 22085912-00 | 1050  | 57    |
|                                        | black  |        | 22085932-00 |       |       |
| COB                                    | white  | 1,70   | 22085912-39 | 1050  | 57    |
|                                        | black  |        | 22085932-39 |       |       |

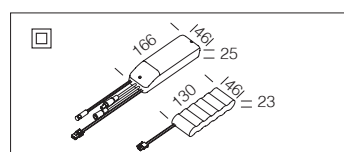
**LUMEN OUTPUT (tq= 25 °C)**  
K - ølm - CRI - degrees

4000K - 6395lm - **CRI 93** - 56°  
3000K - 6075lm - **CRI 93** - 56°

**Upon request:** DIMM DALI (-1241 and -3941) and PUSH-DIMM (-1245 and -3945) version.

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.



| DIP SWITCH SETTING |       |
|--------------------|-------|
| I out              | W tot |
| 800                | 45    |
| 900                | 52    |
| 950                | 55    |
| 1050               | 57    |

**LUMEN OUTPUT (tq= 25 °C)**  
K - ølm - CRI - degrees

4000K - 5296lm - **CRI 93** - 56°  
4000K - 5898lm - **CRI 93** - 56°  
4000K - 6200lm - **CRI 93** - 56°  
4000K - 6395lm - **CRI 93** - 56°





**Eco Lex:** wide range of recessed luminaires designed to meet the increasingly demanding lighting needs of shopping centres, stores and museums. Moreover, its extraordinary versatility, given a number of different dimensions, allows for simple application and makes them suitable to meet any need. In particular, a pre-existing system can be replaced without changing the entire structure. Maintenance and installation are extremely easy.

**Housing:** in die cast aluminium.

**Diffuser:** the shield consists of a polycarbonate laser-cut slab that serves as a lens for its effect of concentric circles. These decorations create a pattern with variable distances; the closer they get to the centre, the closer they come together, thereby achieving excellent visual comfort without glare.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.9.

**Upon request:**

- available DIMM-DALI (-1241 and -3941) version .
- available version with terminal block for double insulation electrical wiring with the possibility for loop-in connection (-90).
- version with CASAMBI automation lighting control system (fixtures **to be installed in NON-METALLIC false ceilings/panels**).

For further information see chapter *Technical components*.

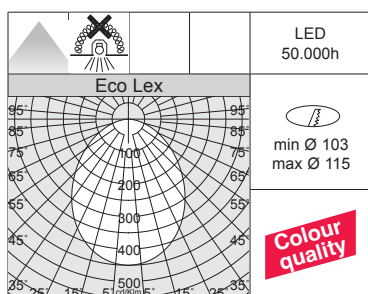




## ADAPT THE CURRENT TO ACHIEVE OPTIMAL LUMINOUS FLUX

**DIP SWITCH SETTING:** the fixture comes with a *DIP SWITCH* driver for **THE SETTING OF THE OUTPUT CURRENT**. In this way you, can **ENSURE THE BEST LUMINOUS FLUX** for any lighting design.

The possibility to choose the correct drive current for LEDs will allow you to have the right power under specific design conditions. Using a lower current will improve the efficiency of fixtures and therefore increase energy savings, whilst a higher current will result in a higher light flux so that you can reduce the number of fixtures.



LED

50.000h

min Ø 103

max Ø 115

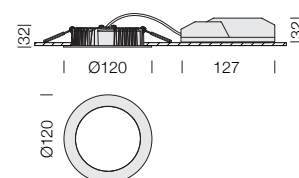
Colour  
quality

CRI&gt;90



v.a. IP20 IK07

v.l. IP65 IK07



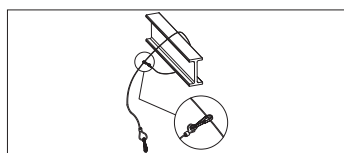
**LED:** luminous flux maintenance  
80%: 50.000h (L80B20).  
Power factor >0.9.

| Eco Lex - DIP SWITCH |        |        |             |       |       |
|----------------------|--------|--------|-------------|-------|-------|
| LED                  | colour | weight | CLD         | I out | W tot |
| LED                  | white  | 0,20   | 22173710-00 | 250   | 10    |
|                      |        |        | 22173710-39 |       |       |

Upon request: DIMM DALI (-1241 and -3941) version.

| DIP SWITCH SETTING |       |                          |
|--------------------|-------|--------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C) |
| 200                | 8     | 4000K - 980lm - CRI>90   |
| 250                | 10    | 4000K - 1220lm - CRI>90  |
| 300                | 12    | 4000K - 1320lm - CRI>90  |

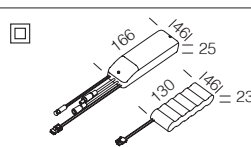
| DIP SWITCH SETTING |       |                          |
|--------------------|-------|--------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C) |
| 200                | 8     | 3000K - 930lm - CRI>90   |
| 250                | 10    | 3000K - 1150lm - CRI>90  |
| 300                | 12    | 3000K - 1250lm - CRI>90  |



## Safety cord

22004112-00

Steel safety cord, to be used for safety  
installation of the fixtures inside false  
ceilings.

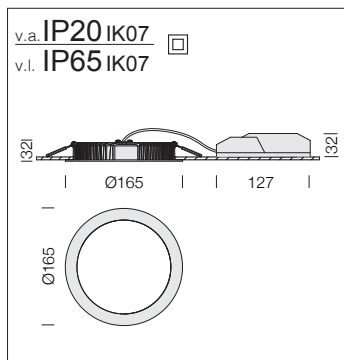


## EM power kit

|    |             |
|----|-------------|
| 1h | 22096015-00 |
| 3h | 22096033-00 |

EM (emergency) lamp power kit complete  
with connectors.



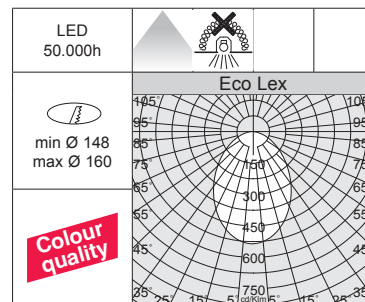


**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.9.



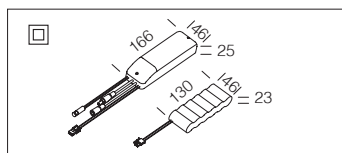
| Eco Lex 1 - DIP SWITCH |        |        |             |                          |           |                                   |
|------------------------|--------|--------|-------------|--------------------------|-----------|-----------------------------------|
| CLD                    |        |        |             | LUMEN OUTPUT (tq= 25 °C) |           |                                   |
| LED                    | colour | weight | code        | I out                    | W tot     | K - ølm - CRI                     |
| <b>LED</b>             | white  | 0,40   | 22173711-00 | <b>250</b>               | <b>10</b> | 4000K - 1220lm - <b>CRI&gt;90</b> |
|                        |        |        | 22173711-39 |                          |           | 3000K - 1150lm - <b>CRI&gt;90</b> |

Upon request: DIMM DALI (-1241 and -3941) version.



| EM power kit |             |
|--------------|-------------|
| <b>1h</b>    | 22096015-00 |
| <b>3h</b>    | 22096033-00 |

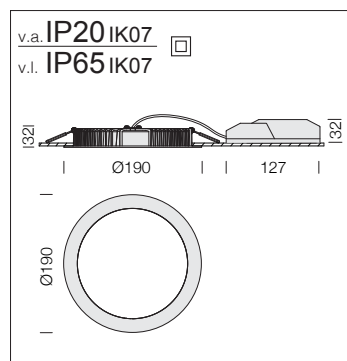
EM (emergency) lamp power kit complete with connectors.



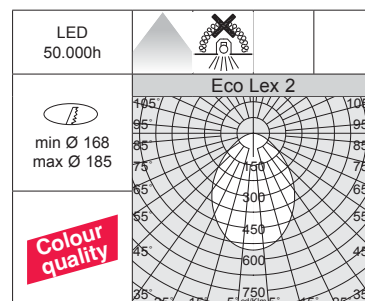
| DIP SWITCH SETTING |           |  | LUMEN OUTPUT (tq= 25 °C) |                  |
|--------------------|-----------|--|--------------------------|------------------|
| I out              | W tot     |  | K - ølm - CRI            |                  |
| <b>200</b>         | <b>8</b>  |  | 4000K - 980lm            | <b>CRI&gt;90</b> |
| <b>250</b>         | <b>10</b> |  | 4000K - 1220lm           | <b>CRI&gt;90</b> |
| <b>300</b>         | <b>12</b> |  | 4000K - 1320lm           | <b>CRI&gt;90</b> |

| DIP SWITCH SETTING |           |  | LUMEN OUTPUT (tq= 25 °C) |                  |
|--------------------|-----------|--|--------------------------|------------------|
| I out              | W tot     |  | K - ølm - CRI            |                  |
| <b>200</b>         | <b>8</b>  |  | 3000K - 930lm            | <b>CRI&gt;90</b> |
| <b>250</b>         | <b>10</b> |  | 3000K - 1150lm           | <b>CRI&gt;90</b> |
| <b>300</b>         | <b>12</b> |  | 3000K - 1250lm           | <b>CRI&gt;90</b> |



**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.9.



| Eco Lex 2 - DIP SWITCH |        |        |             |                          |           |                                   |
|------------------------|--------|--------|-------------|--------------------------|-----------|-----------------------------------|
| CLD                    |        |        |             | LUMEN OUTPUT (tq= 25 °C) |           |                                   |
| LED                    | colour | weight | code        | I out                    | W tot     | K - ølm - CRI                     |
| <b>LED</b>             | white  | 0,50   | 22173712-00 | <b>300</b>               | <b>12</b> | 4000K - 1450lm - <b>CRI&gt;90</b> |
|                        |        |        | 22173712-39 |                          |           | 3000K - 1370lm - <b>CRI&gt;90</b> |

Upon request: DIMM DALI (-1241 and -3941) version.

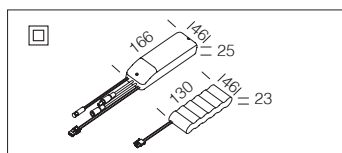
| DIP SWITCH SETTING |           |  | LUMEN OUTPUT (tq= 25 °C) |                  |
|--------------------|-----------|--|--------------------------|------------------|
| I out              | W tot     |  | K - ølm - CRI            |                  |
| <b>250</b>         | <b>10</b> |  | 4000K - 1250lm           | <b>CRI&gt;90</b> |
| <b>300</b>         | <b>12</b> |  | 4000K - 1450lm           | <b>CRI&gt;90</b> |
| <b>350</b>         | <b>14</b> |  | 4000K - 1680lm           | <b>CRI&gt;90</b> |

| DIP SWITCH SETTING |           |  | LUMEN OUTPUT (tq= 25 °C) |                  |
|--------------------|-----------|--|--------------------------|------------------|
| I out              | W tot     |  | K - ølm - CRI            |                  |
| <b>250</b>         | <b>10</b> |  | 3000K - 1180lm           | <b>CRI&gt;90</b> |
| <b>300</b>         | <b>12</b> |  | 3000K - 1370lm           | <b>CRI&gt;90</b> |
| <b>350</b>         | <b>14</b> |  | 3000K - 1590lm           | <b>CRI&gt;90</b> |

| EM power kit |             |
|--------------|-------------|
| <b>1h</b>    | 22096015-00 |
| <b>3h</b>    | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.





**Eco Lex 3**

LED 50.000h

min Ø 198  
max Ø 215

**Colour quality**

**CRI>90**

v.a. IP20 IK07  
v.l. IP65 IK07

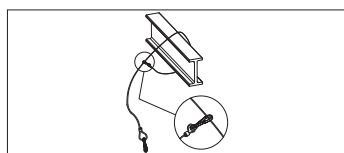
**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.9.

| Eco Lex 3 - DIP SWITCH |        |        |             |       |       |                                           |
|------------------------|--------|--------|-------------|-------|-------|-------------------------------------------|
| LED                    | colour | weight | CLD code    | I out | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI |
| LED                    | white  | 0,70   | 22173713-00 | 550   | 20    | 4000K - 2690lm - CRI>90                   |
|                        |        |        | 22173713-39 |       |       | 3000K - 2555lm - CRI>90                   |

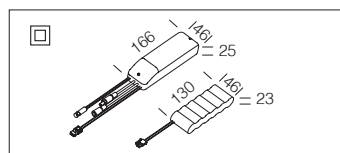
Upon request: DIMM DALI (-1241 and -3941) version.

| DIP SWITCH SETTING |       |  | LUMEN OUTPUT (tq= 25 °C) |                 |
|--------------------|-------|--|--------------------------|-----------------|
| I out              | W tot |  | K - ølm - CRI            |                 |
| 450                | 17    |  | 4000K                    | 2208lm - CRI>90 |
| 500                | 19    |  | 4000K                    | 2453lm - CRI>90 |
| 550                | 20    |  | 4000K                    | 2690lm - CRI>90 |
| 600                | 22    |  | 4000K                    | 2910lm - CRI>90 |

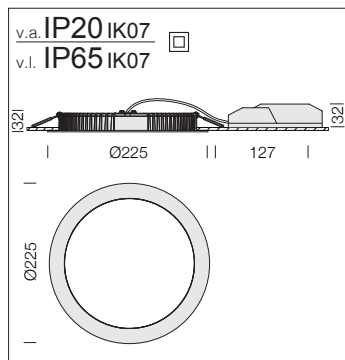
| DIP SWITCH SETTING |       |  | LUMEN OUTPUT (tq= 25 °C) |                 |
|--------------------|-------|--|--------------------------|-----------------|
| I out              | W tot |  | K - ølm - CRI            |                 |
| 450                | 17    |  | 3000K                    | 2098lm - CRI>90 |
| 500                | 19    |  | 3000K                    | 2330lm - CRI>90 |
| 550                | 20    |  | 3000K                    | 2555lm - CRI>90 |
| 600                | 22    |  | 3000K                    | 2765lm - CRI>90 |



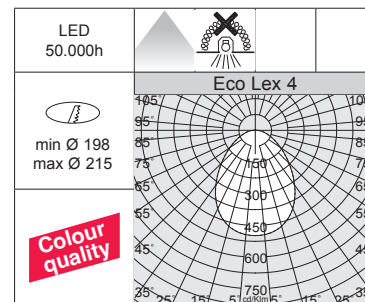
| Safety cord                                                                                  |
|----------------------------------------------------------------------------------------------|
| 22004112-00                                                                                  |
| Steel safety cord, to be used for safety installation of the fixtures inside false ceilings. |



| EM power kit                                            |             |
|---------------------------------------------------------|-------------|
| 1h                                                      | 22096015-00 |
| 3h                                                      | 22096033-00 |
| EM (emergency) lamp power kit complete with connectors. |             |



**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.9.



| Eco Lex 4 - DIP SWITCH                             |        |        |             |       |       |                                                                                                           |
|----------------------------------------------------|--------|--------|-------------|-------|-------|-----------------------------------------------------------------------------------------------------------|
|                                                    |        | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C)                                                                                  |
| LED                                                | colour | weight | code        | I out | W tot | K - ølm - CRI                                                                                             |
| LED                                                | white  | 1,00   | 22173714-00 | 750   | 29    | 4000K - 3490lm - CRI>90  |
|                                                    |        |        | 22173714-39 |       |       | 3000K - 3310lm - CRI>90  |
| Upon request: DIMM DALI (-1241 and -3941) version. |        |        |             |       |       |                                                                                                           |

Upon request: DIMM DALI (-1241 and -3941) version.

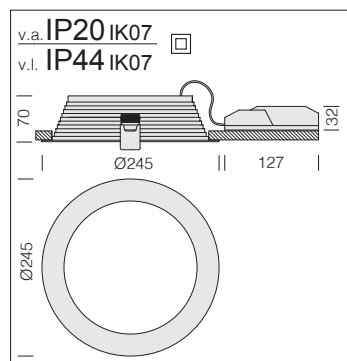
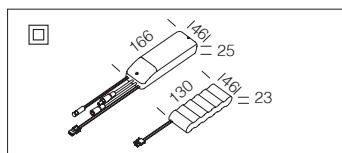
| DIP SWITCH SETTING |       |                                   |
|--------------------|-------|-----------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)          |
| K - ølm - CRI      |       |                                   |
| 700                | 27    | 4000K - 3250lm - <b>CRI&gt;90</b> |
| 750                | 29    | 4000K - 3490lm - <b>CRI&gt;90</b> |
| 800                | 31    | 4000K - 3750lm - <b>CRI&gt;90</b> |

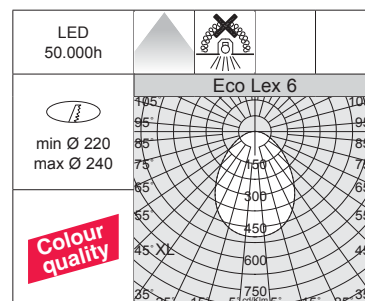
| DIP SWITCH SETTING |       |                                   |
|--------------------|-------|-----------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)          |
| K - ølm - CRI      |       |                                   |
| 700                | 27    | 3000K - 3080lm - <b>CRI&gt;90</b> |
| 750                | 29    | 3000K - 3310lm - <b>CRI&gt;90</b> |
| 800                | 31    | 3000K - 3560lm - <b>CRI&gt;90</b> |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.



**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.9.



| Eco Lex 6 - DIP SWITCH                             |        |        |             |       |       |                          |  |
|----------------------------------------------------|--------|--------|-------------|-------|-------|--------------------------|--|
|                                                    |        | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C) |  |
| LED                                                | colour | weight | code        | I out | W tot | K - ølm - CRI            |  |
| LED                                                | white  | 1,00   | 22173716-00 | 550   | 20    | 4000K - 2450lm - CRI>90  |  |
|                                                    |        |        | 22173716-39 |       |       | 3000K - 2320lm - CRI>90  |  |
| Upon request: DIMM DALI (-1241 and -3941) version. |        |        |             |       |       |                          |  |

Upon request: DIMM DALI (-1241 and -3941) version.

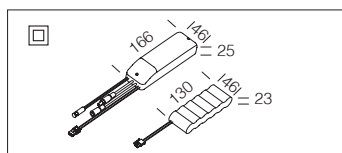
| DIP SWITCH SETTING |       |                                   |
|--------------------|-------|-----------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)          |
| K - ølm - CRI      |       |                                   |
| 450                | 16    | 4000K - 1950lm - <b>CRI&gt;90</b> |
| 500                | 18    | 4000K - 2200lm - <b>CRI&gt;90</b> |
| 550                | 20    | 4000K - 2450lm - <b>CRI&gt;90</b> |
| 600                | 22    | 4000K - 2680lm - <b>CRI&gt;90</b> |

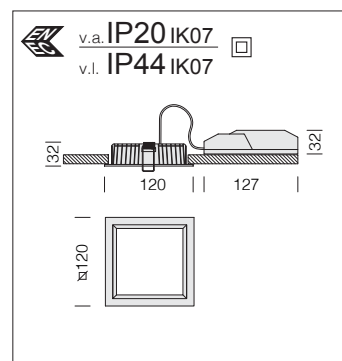
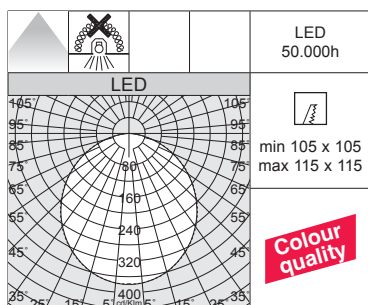
| DIP SWITCH SETTING |       |                                   |
|--------------------|-------|-----------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)          |
| K - ølm - CRI      |       |                                   |
| 450                | 16    | 3000K - 1850lm - <b>CRI&gt;90</b> |
| 500                | 18    | 3000K - 2090lm - <b>CRI&gt;90</b> |
| 550                | 20    | 3000K - 2320lm - <b>CRI&gt;90</b> |
| 600                | 22    | 3000K - 2540lm - <b>CRI&gt;90</b> |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.







**Housing:** in die cast aluminium.

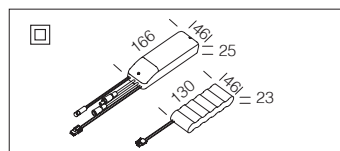
**Diffuser:** polycarbonate panel.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.9.

| Eco Lex Q1 - DIP SWITCH                            |        |        |             |                          |       |                                                                                                            |
|----------------------------------------------------|--------|--------|-------------|--------------------------|-------|------------------------------------------------------------------------------------------------------------|
|                                                    |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |                                                                                                            |
| LED                                                | colour | weight | code        | I out                    | W tot | K - ølm - CRI                                                                                              |
| LED                                                | white  | 0,30   | 22175610-00 | 300                      | 9     | 4000K - 870lm - CRI>90  |
|                                                    |        |        | 22175611-00 |                          |       | 3000K - 826lm - CRI>90  |
| Upon request: available DIMM-DALI (-1241) version. |        |        |             |                          |       |                                                                                                            |

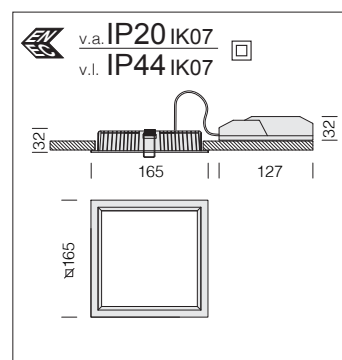
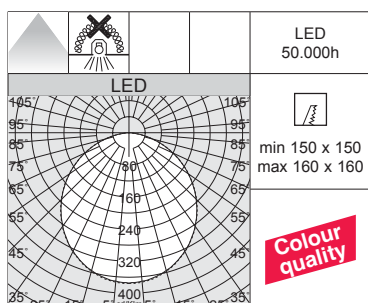
| DIP SWITCH SETTING |       |                          |  |  |  |
|--------------------|-------|--------------------------|--|--|--|
|                    |       | LUMEN OUTPUT (tq= 25 °C) |  |  |  |
| I out              | W tot | K - ølm - CRI            |  |  |  |
| 250                | 8     | 4000K - 725lm - CRI>90   |  |  |  |
| 300                | 9     | 4000K - 870lm - CRI>90   |  |  |  |
| 350                | 11    | 4000K - 1015lm - CRI>90  |  |  |  |

| DIP SWITCH SETTING |       |                          |  |  |  |
|--------------------|-------|--------------------------|--|--|--|
|                    |       | LUMEN OUTPUT (tq= 25 °C) |  |  |  |
| I out              | W tot | K - ølm - CRI            |  |  |  |
| 250                | 8     | 3000K - 689lm - CRI>90   |  |  |  |
| 300                | 9     | 3000K - 826lm - CRI>90   |  |  |  |
| 350                | 11    | 3000K - 960lm - CRI>90   |  |  |  |



|    |  | EM power kit |
|----|--|--------------|
| 1h |  | 22096015-00  |
| 3h |  | 22096033-00  |

EM (emergency) lamp power kit complete with connectors.



**Housing:** in die cast aluminium.

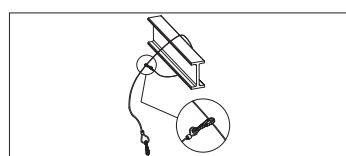
**Diffuser:** polycarbonate panel.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.9.

| Eco Lex Q2 - DIP SWITCH                            |        |        |             |       |       |                          |
|----------------------------------------------------|--------|--------|-------------|-------|-------|--------------------------|
|                                                    |        | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C) |
| LED                                                | colour | weight | code        | I out | W tot | K - ølm - CRI            |
| LED                                                | white  | 0,50   | 22175710-00 | 450   | 17    | 4000K - 1712lm - CRI>90  |
|                                                    |        |        | 22175711-00 |       |       | 3000K - 1626lm - CRI>90  |
| Upon request: available DIMM-DALI (-1241) version. |        |        |             |       |       |                          |

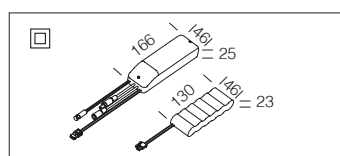
| DIP SWITCH SETTING |       |                          |  |  |  |
|--------------------|-------|--------------------------|--|--|--|
|                    |       | LUMEN OUTPUT (tq= 25 °C) |  |  |  |
| I out              | W tot | K - ølm - CRI            |  |  |  |
| 400                | 15    | 4000K - 1522lm - CRI>90  |  |  |  |
| 450                | 17    | 4000K - 1712lm - CRI>90  |  |  |  |
| 500                | 19    | 4000K - 1902lm - CRI>90  |  |  |  |

| DIP SWITCH SETTING |       |                          |  |  |  |
|--------------------|-------|--------------------------|--|--|--|
|                    |       | LUMEN OUTPUT (tq= 25 °C) |  |  |  |
| I out              | W tot | K - ølm - CRI            |  |  |  |
| 400                | 15    | 3000K - 1446lm - CRI>90  |  |  |  |
| 450                | 17    | 3000K - 1626lm - CRI>90  |  |  |  |
| 500                | 19    | 3000K - 1807lm - CRI>90  |  |  |  |



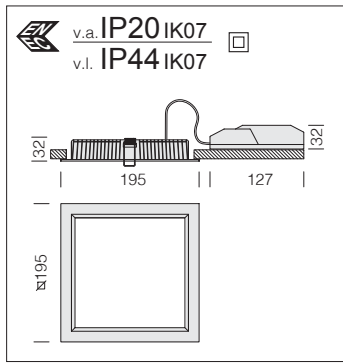
|    |  | Safety cord |
|----|--|-------------|
| 1h |  | 22004112-00 |

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.



|    |  | EM power kit |
|----|--|--------------|
| 1h |  | 22096015-00  |
| 3h |  | 22096033-00  |

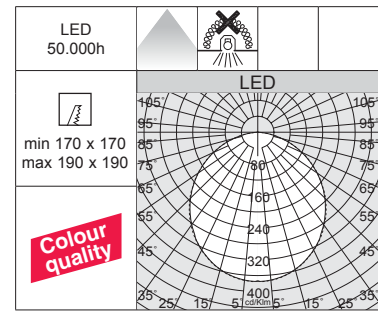
EM (emergency) lamp power kit complete with connectors.



**Housing:** in die cast aluminium.

**Diffuser:** polycarbonate panel.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.9.



| Eco Lex Q3 - DIP SWITCH                            |        |        |             |       |       |                          |
|----------------------------------------------------|--------|--------|-------------|-------|-------|--------------------------|
|                                                    |        | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C) |
| LED                                                | colour | weight | code        | I out | W tot | K - ølm - CRI            |
| LED                                                | white  | 0,80   | 22175810-00 | 550   | 21    | 4000K - 1991lm - CRI>90  |
|                                                    |        |        | 22175811-00 |       |       | 3000K - 1891lm - CRI>90  |
| Upon request: available DIMM-DALI (-1241) version. |        |        |             |       |       |                          |

Upon request: available DIMM-DALI (-1241) version.

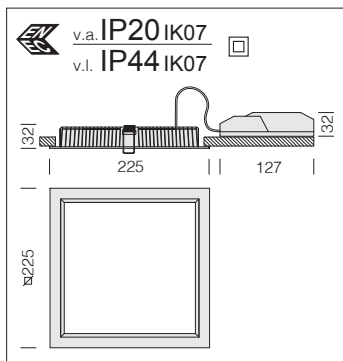
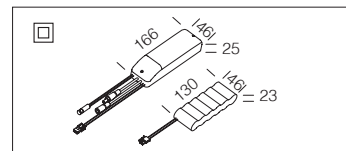
| DIP SWITCH SETTING |       |                          |    |                |        |
|--------------------|-------|--------------------------|----|----------------|--------|
|                    |       | LUMEN OUTPUT (tq= 25 °C) |    |                |        |
|                    |       | K - ølm - CRI            |    |                |        |
| I out              | W tot | 500                      | 19 | 4000K - 1810lm | CRI>90 |
| I out              | W tot | 550                      | 21 | 4000K - 1991lm | CRI>90 |
| I out              | W tot | 600                      | 23 | 4000K - 2172lm | CRI>90 |

| DIP SWITCH SETTING |       |                          |    |                |        |
|--------------------|-------|--------------------------|----|----------------|--------|
|                    |       | LUMEN OUTPUT (tq= 25 °C) |    |                |        |
|                    |       | K - ølm - CRI            |    |                |        |
| I out              | W tot | 500                      | 19 | 3000K - 1720lm | CRI>90 |
| I out              | W tot | 550                      | 21 | 3000K - 1891lm | CRI>90 |
| I out              | W tot | 600                      | 23 | 3000K - 2063lm | CRI>90 |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

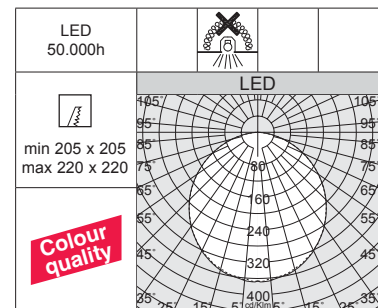
EM (emergency) lamp power kit complete with connectors.



**Housing:** in die cast aluminium.

**Diffuser:** polycarbonate panel.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.9.



| Eco Lex Q4 - DIP SWITCH                            |        |        |             |       |       |                          |
|----------------------------------------------------|--------|--------|-------------|-------|-------|--------------------------|
|                                                    |        | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C) |
| LED                                                | colour | weight | code        | I out | W tot | K - ølm - CRI            |
| LED                                                | white  | 0,80   | 22175910-00 | 700   | 28    | 4000K - 2552lm - CRI>90  |
|                                                    |        |        | 22175911-00 |       |       | 3000K - 2424lm - CRI>90  |
| Upon request: available DIMM-DALI (-1241) version. |        |        |             |       |       |                          |

Upon request: available DIMM-DALI (-1241) version.

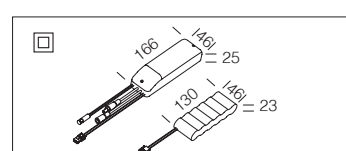
| DIP SWITCH SETTING |       |                          |    |                |        |
|--------------------|-------|--------------------------|----|----------------|--------|
|                    |       | LUMEN OUTPUT (tq= 25 °C) |    |                |        |
|                    |       | K - ølm - CRI            |    |                |        |
| I out              | W tot | 650                      | 26 | 4000K - 2369lm | CRI>90 |
| I out              | W tot | 700                      | 28 | 4000K - 2552lm | CRI>90 |
| I out              | W tot | 800                      | 32 | 4000K - 2916lm | CRI>90 |

| DIP SWITCH SETTING |       |                          |    |                |        |
|--------------------|-------|--------------------------|----|----------------|--------|
|                    |       | LUMEN OUTPUT (tq= 25 °C) |    |                |        |
|                    |       | K - ølm - CRI            |    |                |        |
| I out              | W tot | 650                      | 26 | 3000K - 2251lm | CRI>90 |
| I out              | W tot | 700                      | 28 | 3000K - 2424lm | CRI>90 |
| I out              | W tot | 800                      | 32 | 3000K - 2770lm | CRI>90 |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.





**Energy:** wide range of recessed luminaires designed to meet the increasingly demanding lighting needs of shopping centres, stores and museums. Moreover, its extraordinary versatility, given a number of different dimensions, allows for simple application and makes them suitable to meet any need. In particular, a pre-existing system can be replaced without changing the entire structure. Maintenance and installation are extremely easy.

**Housing:** fixed downlight in die cast aluminium complete with spring clips for recessed mounting.

**Diffuser:** high-temperature resistant thermoplastic material.

**Coating:** power-coated with a UV-resistant polyester epoxy paint.

**Regulations:** Manufactured in accordance with EN 60598-1-CEI 34.21 standards. Degrees of protection in accordance with EN60529 standards.

**LED:** luminous flux maintenance 80%: 55.000h (L80B20). Power factor  $\geq 0,95$ .  
Photobiological safety class: exempt group.

**Upon request:**

- available DIMM-DALI (-1241 and -3941) version .
- available version with terminal block for double insulation electrical wiring with the possibility for loop-in connection (-90).
- version with CASAMBI automation lighting control system (fixtures **to be installed in NON-METALLIC false ceilings/panels**).

For further information see chapter *Technical components*.

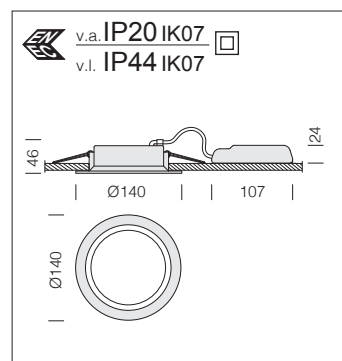
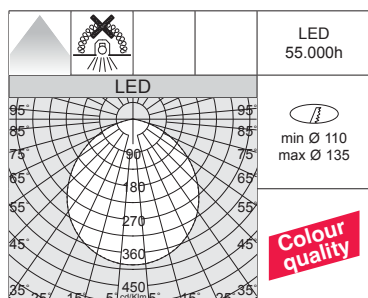
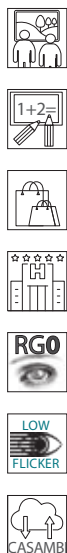




## ADAPT THE CURRENT TO ACHIEVE OPTIMAL LUMINOUS FLUX

**DIP SWITCH SETTING:** the fixture comes with a *DIP SWITCH* driver for **THE SETTING OF THE OUTPUT CURRENT**. In this way you, can **ENSURE THE BEST LUMINOUS FLUX** for any lighting design.

The possibility to choose the correct drive current for LEDs will allow you to have the right power under specific design conditions. Using a lower current will improve the efficiency of fixtures and therefore increase energy savings, whilst a higher current will result in a higher light flux so that you can reduce the number of fixtures.

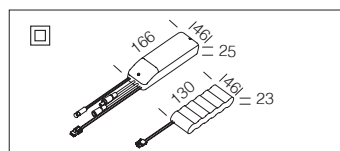


**LED:** luminous flux maintenance 80%: 55.000h (L80B20).  
Power factor  $\geq 0,95$ .

| Energy 2130 - DIP SWITCH                           |        |        |             |       |       |                                                                                                             |
|----------------------------------------------------|--------|--------|-------------|-------|-------|-------------------------------------------------------------------------------------------------------------|
|                                                    |        | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C)                                                                                    |
| LED                                                | colour | weight | code        | I out | W tot | K - ølm - CRI                                                                                               |
| LED                                                | white  | 0,30   | 22172314-00 | 400   | 11    | 4000K - 1317lm - CRI 95  |
|                                                    |        |        | 22172314-39 |       |       | 3000K - 1252lm - CRI 95  |
| Upon request: DIMM DALI (-1241 and -3941) version. |        |        |             |       |       |                                                                                                             |

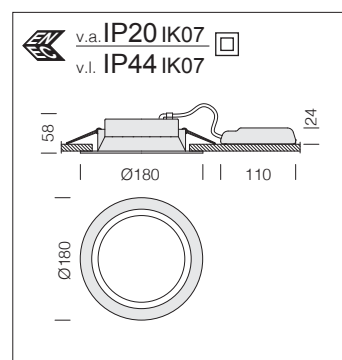
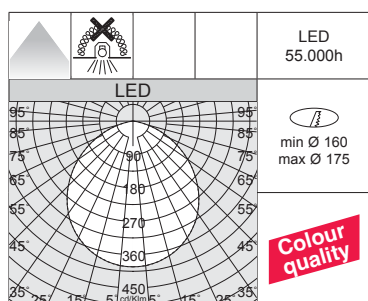
| DIP SWITCH SETTING |       |                          |
|--------------------|-------|--------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C) |
| 250                | 7     | 4000K - 839lm - CRI 95   |
| 350                | 10    | 4000K - 1164lm - CRI 95  |
| 400                | 11    | 4000K - 1317lm - CRI 95  |

| DIP SWITCH SETTING |       |                          |
|--------------------|-------|--------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C) |
| 250                | 7     | 3000K - 797lm - CRI 95   |
| 350                | 10    | 3000K - 1106lm - CRI 95  |
| 400                | 11    | 3000K - 1252lm - CRI 95  |



| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

EM (emergency) lamp power kit complete with connectors.

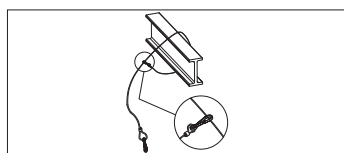


**LED:** luminous flux maintenance 80%: 55.000h (L80B20).  
Power factor  $\geq 0,95$ .

| Energy 2180 - DIP SWITCH                           |        |        |             |       |       |                                                                                                               |
|----------------------------------------------------|--------|--------|-------------|-------|-------|---------------------------------------------------------------------------------------------------------------|
|                                                    |        | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C)                                                                                      |
| LED                                                | colour | weight | code        | I out | W tot | K - ølm - CRI                                                                                                 |
| LED                                                | white  | 0,40   | 22172515-00 | 400   | 14    | 4000K - 1830lm - CRI 95  |
|                                                    |        |        | 22172515-39 |       |       | 3000K - 1702lm - CRI 95  |
| Upon request: DIMM DALI (-1241 and -3941) version. |        |        |             |       |       |                                                                                                               |

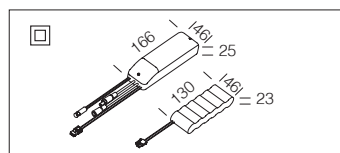
| DIP SWITCH SETTING |       |                          |
|--------------------|-------|--------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C) |
| 250                | 9     | 4000K - 1147lm - CRI 95  |
| 350                | 13    | 4000K - 1607lm - CRI 95  |
| 400                | 14    | 4000K - 1830lm - CRI 95  |
| 500                | 19    | 4000K - 2247lm - CRI 95  |

| DIP SWITCH SETTING |       |                          |
|--------------------|-------|--------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C) |
| 250                | 9     | 3000K - 1097lm - CRI 95  |
| 350                | 13    | 3000K - 1536lm - CRI 95  |
| 400                | 14    | 3000K - 1702lm - CRI 95  |
| 500                | 19    | 3000K - 2135lm - CRI 95  |



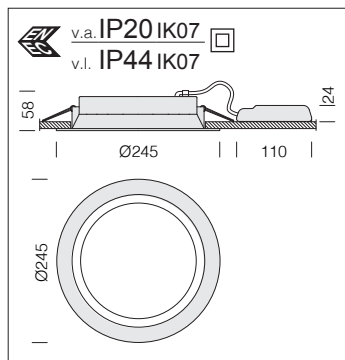
| Safety cord |  |
|-------------|--|
| 22004112-00 |  |

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.

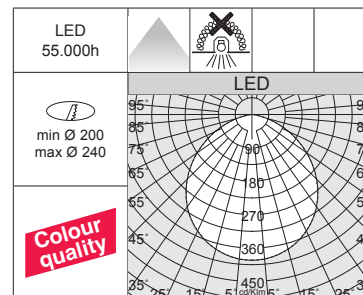


| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

EM (emergency) lamp power kit complete with connectors.



**LED:** luminous flux maintenance 80%: 55.000h (L80B20).  
Power factor  $\geq 0,95$ .



| Energy 2245 - DIP SWITCH |        |        |             |       |       |
|--------------------------|--------|--------|-------------|-------|-------|
| LED                      | colour | weight | CLD         | I out | W tot |
|                          |        |        | code        |       |       |
| LED                      | white  | 0,70   | 22172201-00 | 500   | 18    |
|                          |        |        | 22172201-39 |       |       |

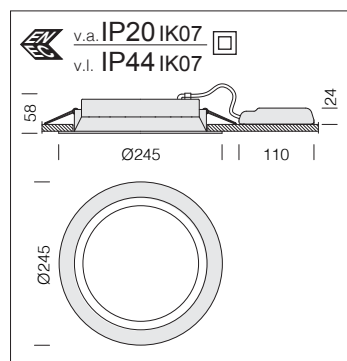
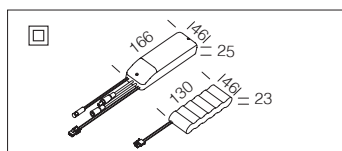
Upon request: DIMM DALI (-1241 and -3941) version.

| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 450                      | 14    | 4000K - 1926lm - CRI 95 |
| 500                      | 18    | 4000K - 2385lm - CRI 95 |
| 550                      | 20    | 4000K - 2626lm - CRI 95 |
| 600                      | 22    | 4000K - 2884lm - CRI 95 |

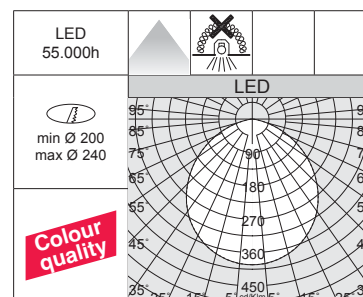
| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 450                      | 14    | 3000K - 1854lm - CRI 95 |
| 500                      | 18    | 3000K - 2266lm - CRI 95 |
| 550                      | 20    | 3000K - 2503lm - CRI 95 |
| 600                      | 22    | 3000K - 2729lm - CRI 95 |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

EM (emergency) lamp power kit complete with connectors.



**LED:** luminous flux maintenance 80%: 55.000h (L80B20).  
Power factor  $\geq 0,95$ .



| Energy 2245 - DIP SWITCH |        |        |             |       |       |
|--------------------------|--------|--------|-------------|-------|-------|
| LED                      | colour | weight | CLD         | I out | W tot |
|                          |        |        | code        |       |       |
| LED                      | white  | 0,70   | 22172202-00 | 700   | 25    |
|                          |        |        | 22172202-39 |       |       |

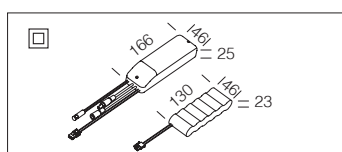
Upon request: DIMM DALI (-1241 and -3941) version.

| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 700                      | 25    | 4000K - 3342lm - CRI 95 |
| 750                      | 27    | 4000K - 3538lm - CRI 95 |
| 800                      | 29    | 4000K - 3775lm - CRI 95 |

| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 700                      | 25    | 3000K - 3175lm - CRI 95 |
| 750                      | 27    | 3000K - 3362lm - CRI 95 |
| 800                      | 29    | 3000K - 3586lm - CRI 95 |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

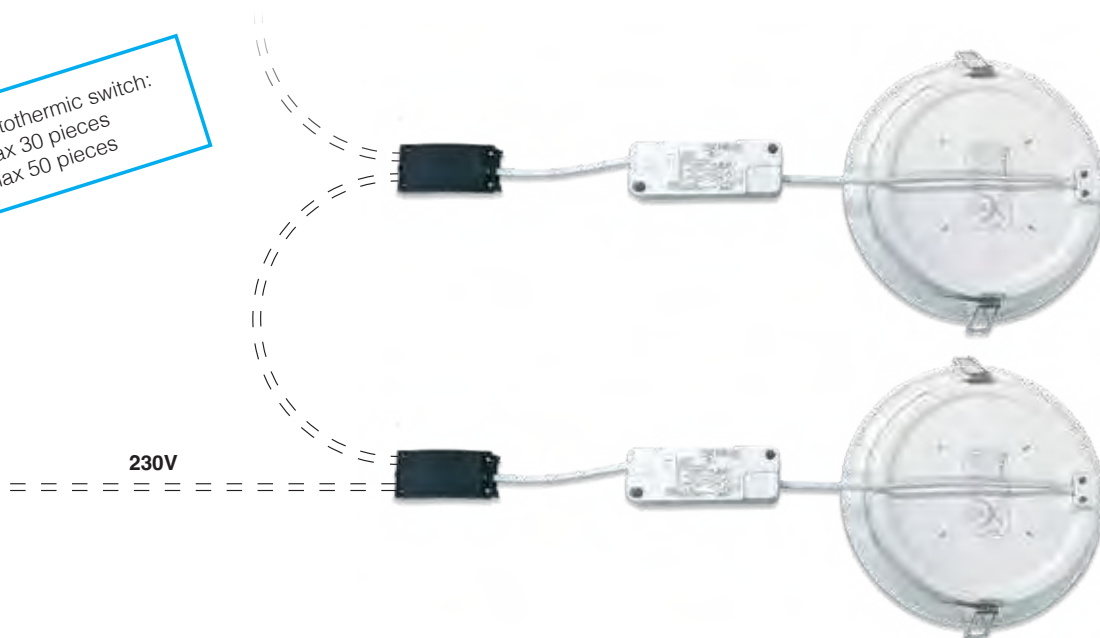
EM (emergency) lamp power kit complete with connectors.



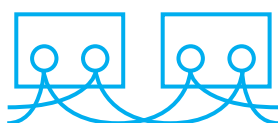




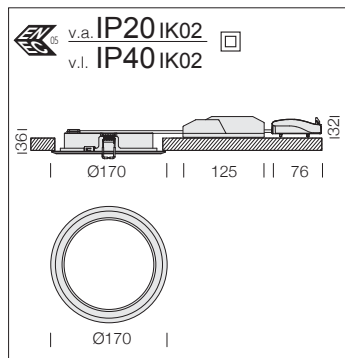
For 16A magnetothermal switch:  
B16 = max 30 pieces  
C16 = max 50 pieces



### QUICK INSTALLATION!!!



**Slim Lex P** allows you to create a “**LOOP-IN**”:  
a system to connect two or more luminaires to the power supply.  
As standard, Slim Lex P comes with a terminal that allows the installer to connect  
the power line cable to the internal circuit through automatic wire clamps.

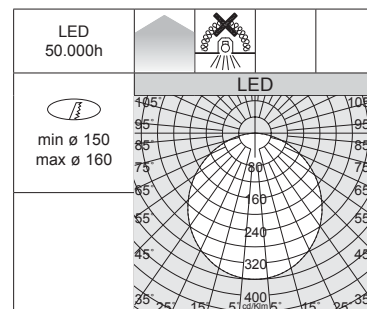


**Housing:** made in aluminium with spring clips for recessed mounting.

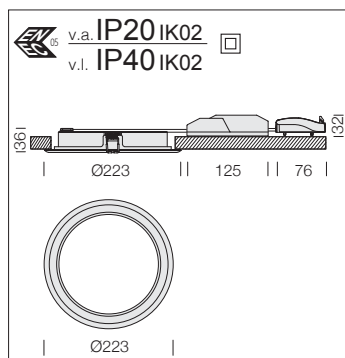
**Ring/diffuser:** in thermoplastic material

**LED:** luminous flux maintenance 70%: 50.000h (L70).

LOOP-IN



| Slim Lex 1.0 P |        |        |             |       |                          |
|----------------|--------|--------|-------------|-------|--------------------------|
|                |        | CLD    |             | W tot | LUMEN OUTPUT (tq= 25 °C) |
| LED            | colour | weight | code        |       | K - ølm - CRI            |
| LED            | white  | 0,30   | 22169510-00 | 19    | 4000K - 2132lm - CRI≥80  |
|                |        |        | 22169510-39 |       | 3000K - 2070lm - CRI≥80  |

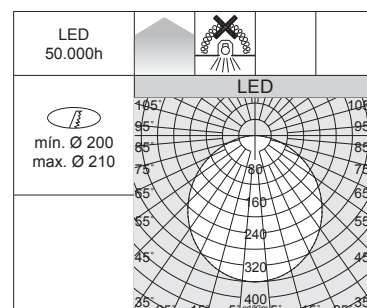


**Housing:** made in aluminium with spring clips for recessed mounting.

**Ring/diffuser:** in thermoplastic material

**LED:** luminous flux maintenance 70%: 50.000h (L70).

LOOP-IN

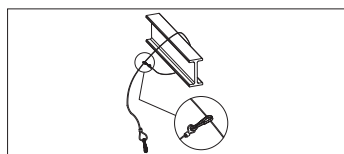


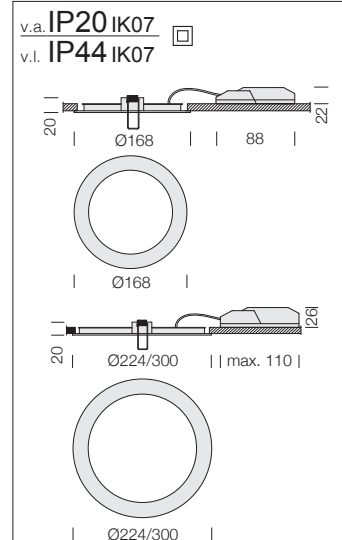
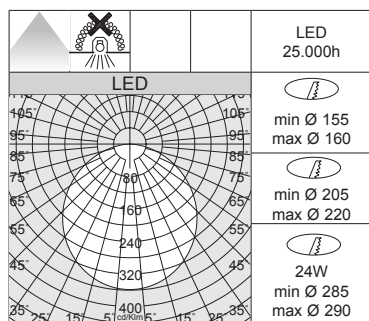
| Slim Lex 2.0 P |        |        |             |       |                          |
|----------------|--------|--------|-------------|-------|--------------------------|
|                |        | CLD    |             | W tot | LUMEN OUTPUT (tq= 25 °C) |
| LED            | colour | weight | code        |       | K - ølm - CRI            |
| LED            | white  | 0,50   | 22169610-00 | 19    | 4000K - 2215lm - CRI≥80  |
|                |        |        | 22169610-39 |       | 3000K - 2150lm - CRI≥80  |

#### Safety cord

22004112-00

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.





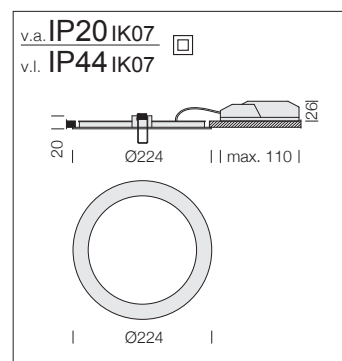
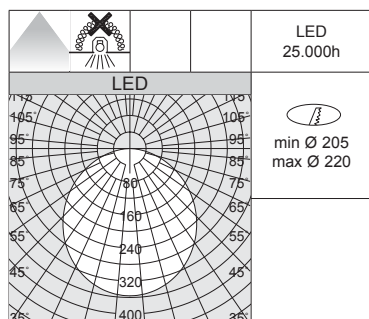
| Slim Lex 1.0 B |        |        |             |                          |                         |
|----------------|--------|--------|-------------|--------------------------|-------------------------|
|                |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED            | colour | weight | code        | W tot                    | K - ølm - CRI           |
| LED            | white  | 0,20   | 22159512-00 | 12                       | 4000K - 1000lm - CRI>80 |
|                |        |        | 22159513-00 |                          | 3000K - 930lm - CRI>80  |

**Housing:** in die cast aluminium.

**Diffuser:** panel in PMMA

**LED:** luminous flux maintenance 70%: 25.000h (L70B50).

| Slim Lex 2.0 B |        |        |             |                          |                         |
|----------------|--------|--------|-------------|--------------------------|-------------------------|
|                |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED            | colour | weight | code        | W tot                    | K - ølm - CRI           |
| LED            | white  | 0,40   | 22159510-00 | 18                       | 4000K - 1600lm - CRI>80 |
|                |        |        | 22159511-00 |                          | 3000K - 1500lm - CRI>80 |
| LED            | white  | 0,60   | 22159516-00 | 24                       | 4000K - 2000lm - CRI>80 |
|                |        |        | 22159516-39 |                          | 3000K - 1900lm - CRI>80 |

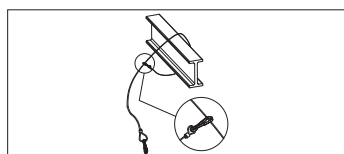


**Housing:** in die cast aluminium.

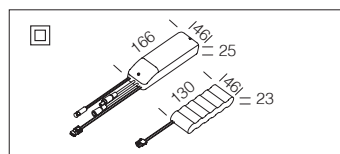
**Diffuser:** panel in PMMA

**LED:** luminous flux maintenance 70%: 25.000h (L70B50).

| Slim Lex 3.0 B |        |        |             |                          |                         |
|----------------|--------|--------|-------------|--------------------------|-------------------------|
|                |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED            | colour | weight | code        | W tot                    | K - ølm - CRI           |
| LED            | white  | 0,40   | 22159514-00 | 19                       | 4000K - 2100lm - CRI>80 |

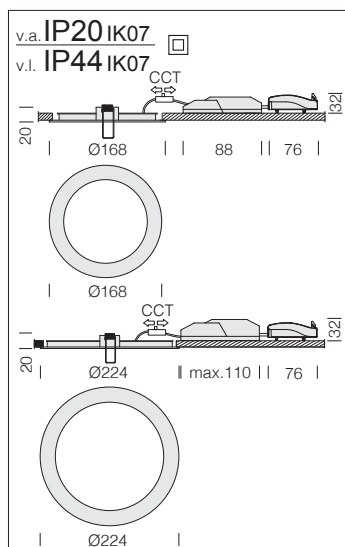


| Safety cord                                                                                  |
|----------------------------------------------------------------------------------------------|
| 22004112-00                                                                                  |
| Steel safety cord, to be used for safety installation of the fixtures inside false ceilings. |



| EM power kit                                            |             |
|---------------------------------------------------------|-------------|
| 3h                                                      | 22096038-00 |
| EM (emergency) lamp power kit complete with connectors. |             |

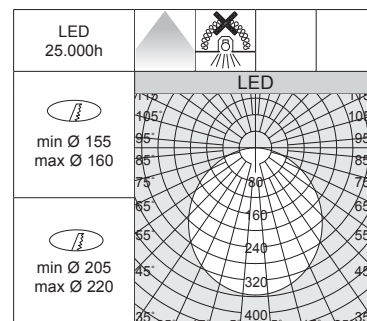




**Housing:** in die cast aluminium.

**Diffuser:** panel in PMMA

**LED:** luminous flux maintenance 70%: 25.000h (L70B50).

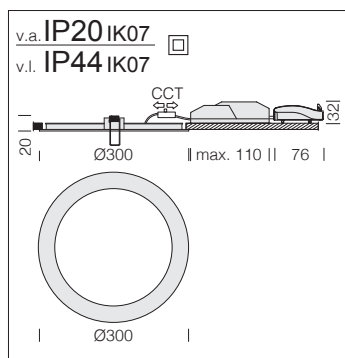


**Slim Lex** allows you to create a "LOOP-IN": a system to connect two or more luminaires to the power supply. As standard, Slim Lex comes with a terminal that allows the installer to connect the power line cable to the internal circuit through automatic wire clamps.



| Slim Lex 1.0 B - CCT SWITCH |        |        |             |       |                          |
|-----------------------------|--------|--------|-------------|-------|--------------------------|
| LED                         | colour | weight | CLD<br>code | W tot | LUMEN OUTPUT (tq= 25 °C) |
|                             |        |        |             |       | K - ølm - CRI            |
| LED                         | white  | 0,20   | 22159517-00 | 12    | 3000K - 850lm - CRI>80   |
|                             |        |        |             |       | 4000K - 900lm - CRI>80   |
|                             |        |        |             |       | 6000K - 900lm - CRI>80   |

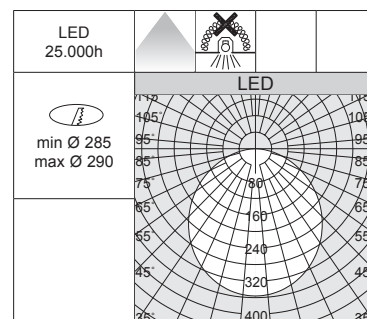
| Slim Lex 2.0 B - CCT SWITCH |        |        |             |       |                          |
|-----------------------------|--------|--------|-------------|-------|--------------------------|
| LED                         | colour | weight | CLD<br>code | W tot | LUMEN OUTPUT (tq= 25 °C) |
|                             |        |        |             |       | K - ølm - CRI            |
| LED                         | white  | 0,40   | 22159515-00 | 18    | 3000K - 1370lm - CRI>80  |
|                             |        |        |             |       | 4000K - 1440lm - CRI>80  |
|                             |        |        |             |       | 6000K - 1440lm - CRI>80  |



**Housing:** in die cast aluminium.

**Diffuser:** panel in PMMA

**LED:** luminous flux maintenance 70%: 25.000h (L70B50).



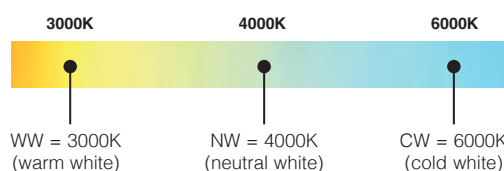
**Slim Lex** allows you to create a "LOOP-IN": a system to connect two or more luminaires to the power supply. As standard, Slim Lex comes with a terminal that allows the installer to connect the power line cable to the internal circuit through automatic wire clamps.

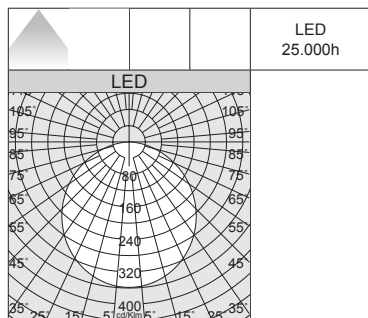


| Slim Lex 2.0 B - CCT SWITCH |        |        |             |       |                          |
|-----------------------------|--------|--------|-------------|-------|--------------------------|
| LED                         | colour | weight | CLD<br>code | W tot | LUMEN OUTPUT (tq= 25 °C) |
|                             |        |        |             |       | K - ølm - CRI            |
| LED                         | white  | 0,60   | 22159518-00 | 24    | 3000K - 1770lm - CRI>80  |
|                             |        |        |             |       | 4000K - 1800lm - CRI>80  |
|                             |        |        |             |       | 6000K - 1800lm - CRI>80  |

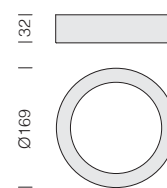


The main feature of this luminaire is the "colour-changing" technology: with the built-in selector switch positioned on the fixture's body, you can choose the desired colour temperature (3000K-4000K-6000K), adjusting its emission to most lighting installations.

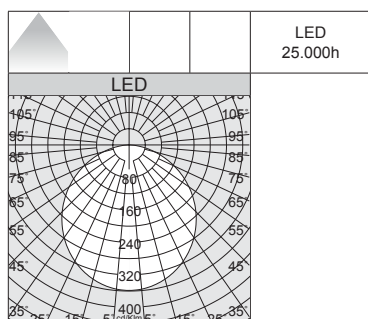




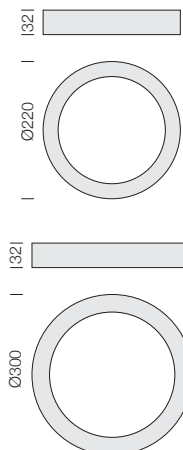
IP40 IK07

**Housing:** in die cast aluminium.**Diffuser:** panel in PMMA**LED:** luminous flux maintenance 70%: 25.000h (L70B50).**Slim Lex 4 small**

|     |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                         |
|-----|--------|--------|-------------|--------------------------|-------------------------|
| LED | colour | weight | code        | W tot                    | K - ølm - CRI           |
| LED | white  | 0,30   | 22169314-00 | 12                       | 4000K - 1082lm - CRI>80 |
|     |        |        | 22169313-00 |                          | 3000K - 1010lm - CRI>80 |



IP40 IK07



Slim Lex 4 big

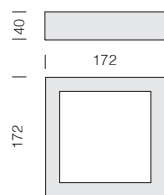
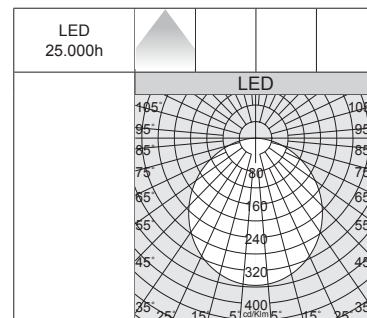
**Housing:** in die cast aluminium.**Diffuser:** panel in PMMA**LED:** luminous flux maintenance 70%: 25.000h (L70B50).**Slim Lex 4**

|     |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                         |
|-----|--------|--------|-------------|--------------------------|-------------------------|
| LED | colour | weight | code        | W tot                    | K - ølm - CRI           |
| LED | white  | 0,50   | 22169310-00 | 18                       | 4000K - 1586lm - CRI>80 |
|     |        |        | 22169311-00 |                          | 3000K - 1473lm - CRI>80 |

**Slim Lex 4 big**

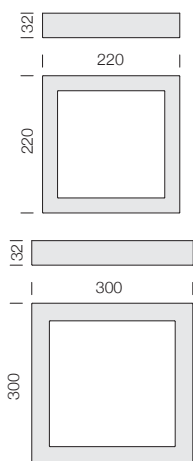
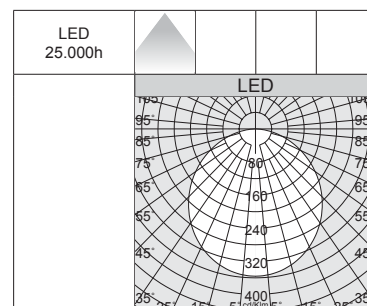
|     |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                         |
|-----|--------|--------|-------------|--------------------------|-------------------------|
| LED | colour | weight | code        | W tot                    | K - ølm - CRI           |
| LED | white  | 0,70   | 22169315-68 | 24                       | 4000K - 2121lm - CRI>80 |
|     |        |        | 22169315-00 |                          | 3000K - 2039lm - CRI>80 |

IP40 IK07

**Housing:** in die cast aluminium.**Diffuser:** panel in PMMA**LED:** luminous flux maintenance 70%: 25.000h (L70B50).**Slim Lex 5 small**

|     |        | CLD    |             | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|--------|--------|-------------|-------|--------------------------|
| LED | colour | weight | code        |       | K - ølm - CRI            |
| LED | white  | 0,60   | 22169414-00 | 12    | 4000K - 1082lm - CRI>80  |
|     |        |        | 22169413-00 |       | 3000K - 1010lm - CRI>80  |

IP40 IK07

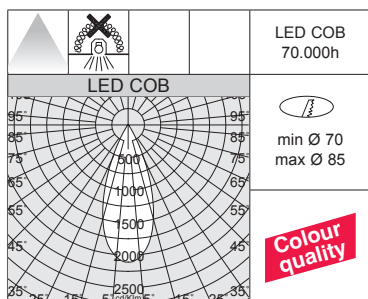
**Slim Lex 5 big****Housing:** in die cast aluminium.**Diffuser:** panel in PMMA**LED:** luminous flux maintenance 70%: 25.000h (L70B50).**Slim Lex 5**

|     |        | CLD    |             | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|--------|--------|-------------|-------|--------------------------|
| LED | colour | weight | code        |       | K - ølm - CRI            |
| LED | white  | 0,50   | 22169411-00 | 18    | 4000K - 1586lm - CRI>80  |
|     |        |        | 22169410-00 |       | 3000K - 1473lm - CRI>80  |

**Slim Lex 5 big**

|     |        | CLD    |             | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|--------|--------|-------------|-------|--------------------------|
| LED | colour | weight | code        |       | K - ølm - CRI            |
| LED | white  | 0,90   | 22169415-68 | 24    | 4000K - 2121lm - CRI>80  |
|     |        |        | 22169415-00 |       | 3000K - 2039lm - CRI>80  |





On request:  
IP65 protection  
rating with  
silicone rubber  
gasket

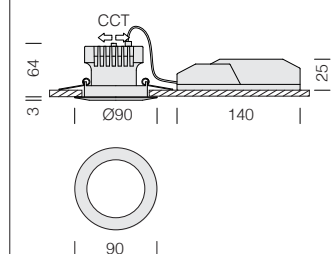


CCT SWITCH

CRI>90



v.a. IP20 IK04  
v.l. IP54 IK04



**Housing:** in die-cast aluminium with springs for recess mounting.

**Diffuser:** anti-glare opal plastic material.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.9

### Antares IP - CCT / DIP SWITCH

| LED | colour | weight | CLD<br>code | I out | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|--------|--------|-------------|-------|-------|--------------------------|
|     |        |        |             |       |       | K - ølm - CRI            |
| COB | white  | 0,30   | 22062410-00 | 250   | 10    | 2700K - 666lm - CRI>90   |
|     |        |        |             |       |       | 3000K - 710lm - CRI>90   |
|     |        |        |             |       |       | 4000K - 739lm - CRI>90   |

**Standards:** manufactured pursuant to EN 60598-1-CEI 34.21 and with a degree of protection pursuant to EN 60529. Silicone rubber protection gasket compliant with French low-energy building standards (BBC).  
**Upon request:** DIMM DALI (-1241) version.

#### DIP SWITCH SETTING

| I out | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-------|-------|--------------------------|
|       |       | K - ølm - CRI            |
| 200   | 8     | 2700K - 533lm - CRI>90   |
| 250   | 10    | 2700K - 666lm - CRI>90   |
| 300   | 12    | 2700K - 769lm - CRI>90   |
| 350   | 14    | 2700K - 880lm - CRI>90   |

#### DIP SWITCH SETTING

| I out | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-------|-------|--------------------------|
|       |       | K - ølm - CRI            |
| 200   | 8     | 3000K - 572lm - CRI>90   |
| 250   | 10    | 3000K - 710lm - CRI>90   |
| 300   | 12    | 3000K - 830lm - CRI>90   |
| 350   | 14    | 3000K - 967lm - CRI>90   |

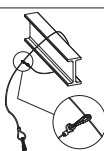
#### DIP SWITCH SETTING

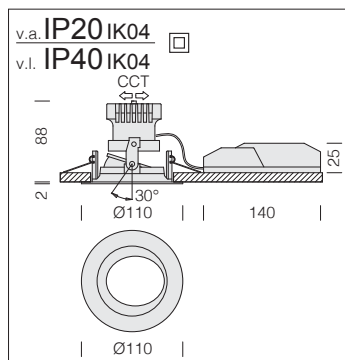
| I out | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-------|-------|--------------------------|
|       |       | K - ølm - CRI            |
| 200   | 8     | 4000K - 597lm - CRI>90   |
| 250   | 10    | 4000K - 739lm - CRI>90   |
| 300   | 12    | 4000K - 858lm - CRI>90   |
| 350   | 14    | 4000K - 983lm - CRI>90   |

#### Safety cord

22004112-00

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.

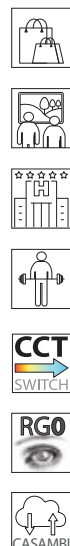
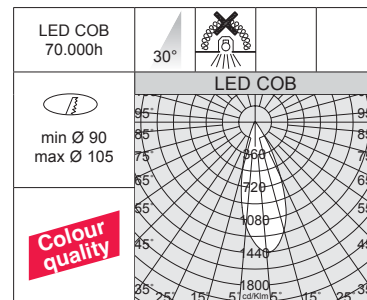




**Housing:** made of die-cast aluminium.  
**Diffuser:** in matt polycarbonate.

**Adjustable:** ideal to light up walls or decor items.

**LED:** luminous flux maintenance 80% 70.000h (L80B10).  
Power factor >0.9.

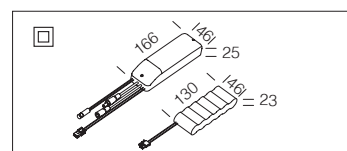


| iSpot AS "T" - CCT / DIP SWITCH |        |        |             |                          |       |
|---------------------------------|--------|--------|-------------|--------------------------|-------|
| LED                             | colour | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |
|                                 |        | weight | code        | I out                    | W tot |
| COB                             | white  | 0,40   | 22067213-00 | 350                      | 14    |
|                                 |        |        |             |                          |       |
|                                 |        |        |             |                          |       |

Upon request: DIMM DALI (-1241) version.

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

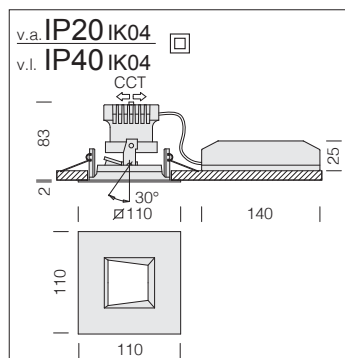
EM (emergency) lamp power kit complete with connectors.



| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

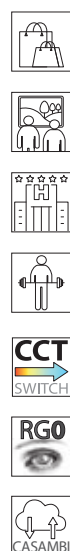
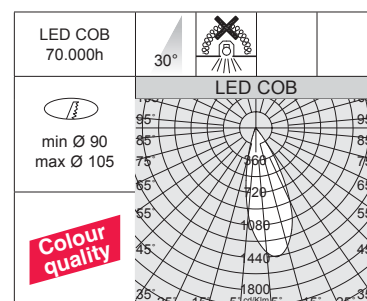
| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |



**Housing:** made of die-cast aluminium.  
**Diffuser:** in matt polycarbonate.

**Adjustable:** ideal to light up walls or decor items.

**LED:** luminous flux maintenance 80% 70.000h (L80B10).  
Power factor >0.9.

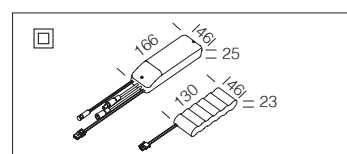


| iSpot AS "Q" - CCT / DIP SWITCH |        |        |             |                          |       |
|---------------------------------|--------|--------|-------------|--------------------------|-------|
| LED                             | colour | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |
|                                 |        | weight | code        | I out                    | W tot |
| COB                             | white  | 0,30   | 22067214-00 | 350                      | 14    |
|                                 |        |        |             |                          |       |
|                                 |        |        |             |                          |       |

Upon request: DIMM DALI (-1241) version.

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

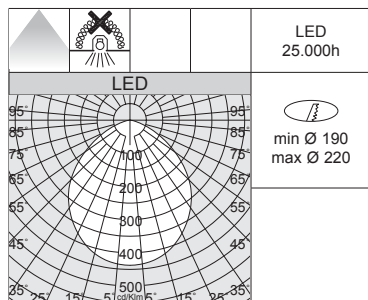
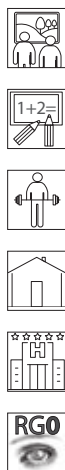
EM (emergency) lamp power kit complete with connectors.



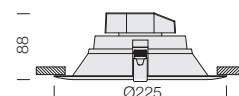
| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |



v.a. IP20 IK04  
v.l. IP40 IK04

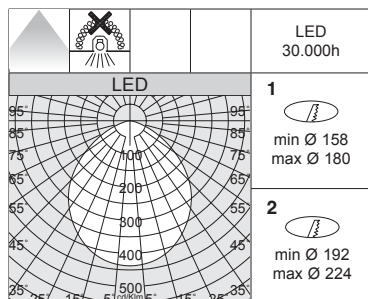
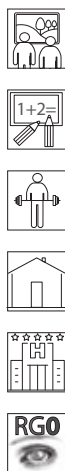


**Housing/Reflector:** made in painted white aluminium.

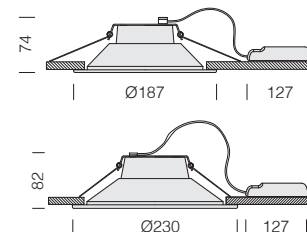
**LED:** luminous flux maintenance 70%: 25.000h (L70B50). Power factor >0.9.

### Speaker 3 B

| Speaker 3 B |        |        |             |                          |                         |
|-------------|--------|--------|-------------|--------------------------|-------------------------|
|             |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED         | colour | weight | code        | W tot                    | K - ølm - CRI           |
| LED         | white  | 0,40   | 22084711-00 | 23                       | 4000K - 2050lm - CRI>80 |
|             |        |        | 22084710-00 |                          | 3000K - 1952lm - CRI>80 |



v.a. IP20 IK04  
v.l. IP44 IK04



**Housing/Reflector:** made in painted white aluminium.

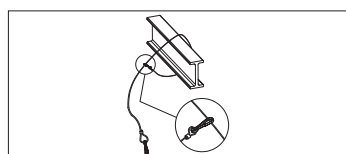
**LED:** Luminous flux maintenance 70%: 30.000h (L70B50). Power factor >0.95

### Speaker 1

| Speaker 1 |        |          |             |                          |                         |
|-----------|--------|----------|-------------|--------------------------|-------------------------|
|           |        | CLD CELL |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED       | colour | weight   | code        | W tot                    | K - ølm - CRI           |
| LED       | white  | 0,30     | 22084411-00 | 13                       | 4000K - 1300lm - CRI>80 |
|           |        |          | 22084410-00 |                          | 3000K - 1200lm - CRI>80 |

### Speaker 2

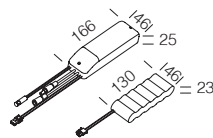
| Speaker 2 |        |          |             |                          |                         |
|-----------|--------|----------|-------------|--------------------------|-------------------------|
|           |        | CLD CELL |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED       | colour | weight   | code        | W tot                    | K - ølm - CRI           |
| LED       | white  | 0,40     | 22084416-00 | 25                       | 4000K - 2119lm - CRI>80 |
|           |        |          | 22084415-00 |                          | 3000K - 2013lm - CRI>80 |



#### Safety cord

22004112-00

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.

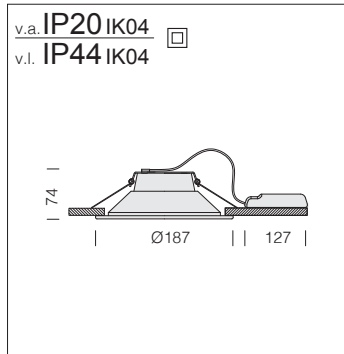


#### EM power kit

|    |             |
|----|-------------|
| 1h | 22096035-00 |
| 3h | 22096037-00 |

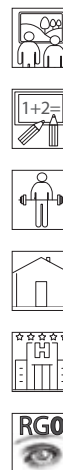
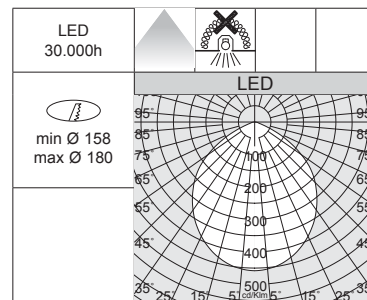
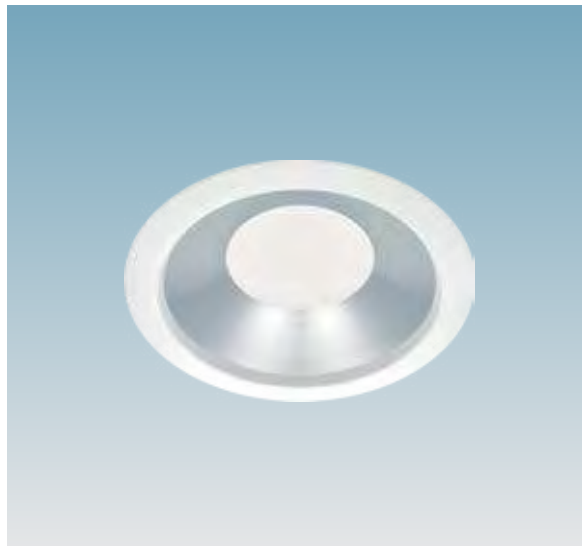
EM (emergency) lamp power kit complete with connectors.





**Reflector:** made in high gloss aluminium.

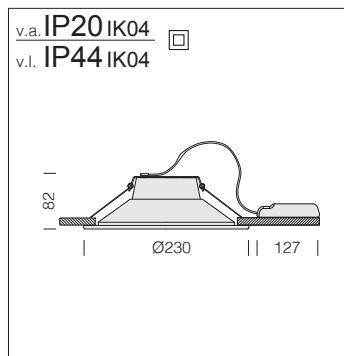
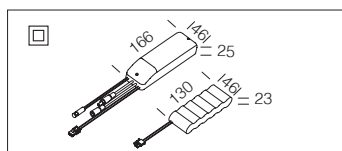
**LED:** luminous flux maintenance 70%: 30.000h (L70B50).  
Power factor >0.95.



| Speaker 1 - MIRROR |        |        |             |                          |                         |
|--------------------|--------|--------|-------------|--------------------------|-------------------------|
|                    |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED                | colour | weight | code        | W tot                    | K - ølm - CRI           |
| LED                | white  | 0,30   | 22084413-00 | 19                       | 4000K - 1500lm - CRI>80 |

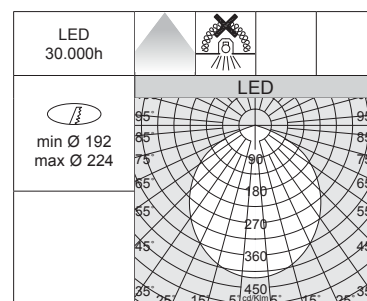
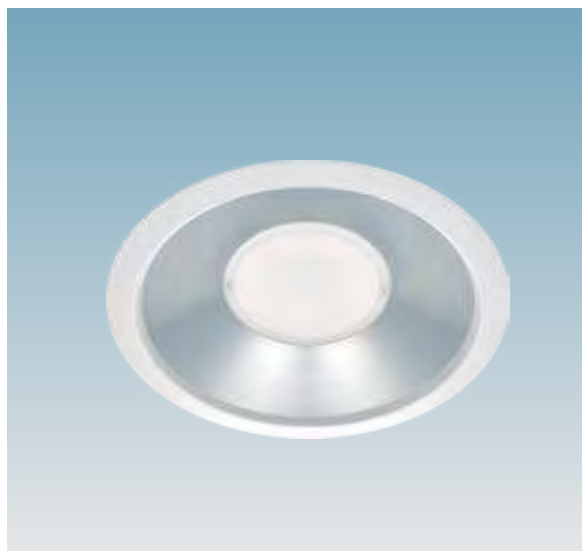
| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

EM (emergency) lamp power kit complete with connectors.



**Reflector:** made in high gloss aluminium.

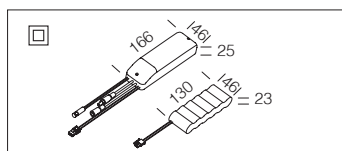
**LED:** luminous flux maintenance 70%: 30.000h (L70B50).  
Power factor >0.95.



| Speaker 2 - MIRROR |        |        |             |                          |                         |
|--------------------|--------|--------|-------------|--------------------------|-------------------------|
|                    |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED                | colour | weight | code        | W tot                    | K - ølm - CRI           |
| LED                | white  | 0,40   | 22084418-00 | 25                       | 4000K - 2205lm - CRI>80 |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

EM (emergency) lamp power kit complete with connectors.





The range of Arq recessed LED spotlights are the perfect solution for installations that are designed to hide their physical presence once fitted. These spotlights are shaped to blend perfectly into the false ceilings where they are fitted. Moreover they can be easily installed in any type of space, to create amazing light effects.

**Housing:** adjustable angle, made of die-cast aluminium with spring clips for recessed mounting.

**Lens:** in PMMA with high efficiency output and very low glare rate

**Coating:** dust painted, using polyester epoxy paint to withstand UV rays.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20). Power factor >0.95.  
Photobiological safety class: exempt group.

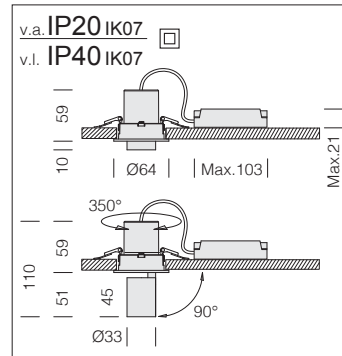
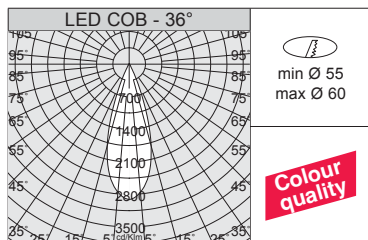
**Upon request:** version with CASAMBI automation lighting control system (fixtures **to be installed in NON-METALLIC false ceilings/panels**).  
For further information see chapter *Technical components*.



The right lighting and fixture play a vital role in facilitating sales. This is the reason why LED fixtures with a **CRI>90** are being requested. Therefore, the current trend is geared towards the manufacturing of more flexible fixtures, which also emit an excellent quality of light, while guaranteeing remarkable energy savings and lower maintenance costs.

The Colour Rendering Index (**CRI**) indicates how truthfully the artificial light source is able to reproduce the colours of objects. It varies from a range of **0 to 100**, where **0 represents the minimum** and **100 is the maximum**. Daylight is the best source of light from a physiological point of view because it contains the full colour spectrum. Therefore, a lamp with a high colour rendering index is very important to ensure the wellbeing and comfort of the occupants of a room and it is absolutely necessary in rooms where good visibility is required.

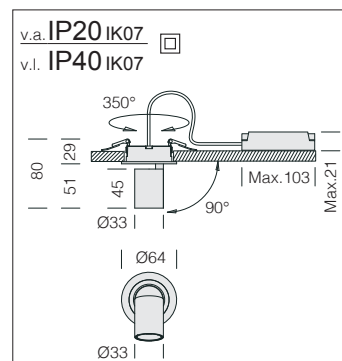
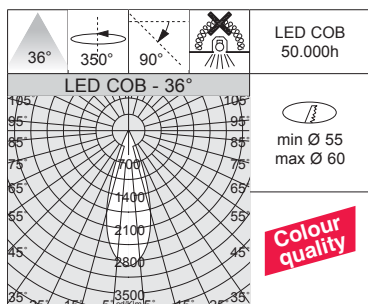




**LED:** luminous flux maintenance  
80%: 50.000h (L80B20).  
Power factor >0.95.

**ARQ "A" - recessed - adjustable and extractable**

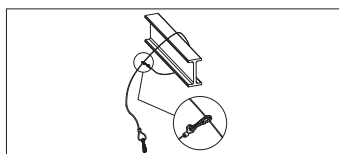
| ARQ "A" - recessed - adjustable and extractable |        |        |                      |                       |       |                                                     |
|-------------------------------------------------|--------|--------|----------------------|-----------------------|-------|-----------------------------------------------------|
|                                                 |        | CLD    |                      | CLD D-DIG (DALI)      |       |                                                     |
| LED                                             | colour | weight | code                 | code                  | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |
| COB                                             | white  | 0,20   | 220 <b>47010</b> -00 | 220 <b>47010-1241</b> | 5     | 3000K - 550lm - <b>CRI 90</b> - 36°                 |
|                                                 | black  |        | 220 <b>47030</b> -00 | 220 <b>47030-1241</b> |       |                                                     |



**LED:** luminous flux maintenance  
80%: 50.000h (L80B20).  
Power factor >0.95.

**ARQ "B" - recessed - adjustable**

| ARQ “B” - recessed - adjustable |        |        |                      |                       |       |                                     |                          |
|---------------------------------|--------|--------|----------------------|-----------------------|-------|-------------------------------------|--------------------------|
|                                 |        | CLD    |                      | CLD D-DIG (DALI)      |       |                                     | LUMEN OUTPUT (tq= 25 °C) |
| LED                             | colour | weight | code                 | code                  | W tot | K - ølm - CRI - degrees             |                          |
| COB                             | white  | 0,20   | 220 <b>47110</b> -00 | 220 <b>47110-1241</b> | 5     | 3000K - 550lm - <b>CRI 90</b> - 36° |                          |
|                                 | black  |        | 220 <b>47130</b> -00 | 220 <b>47130-1241</b> |       |                                     |                          |

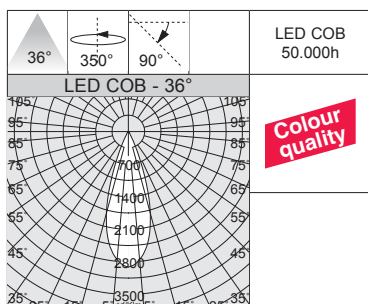


**Safety cord**

22004112-00

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.

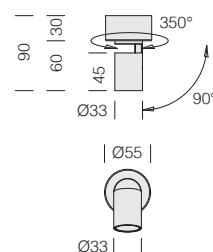




CRI 90



IP40IK07

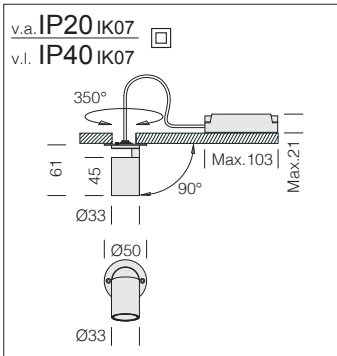


**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.95.

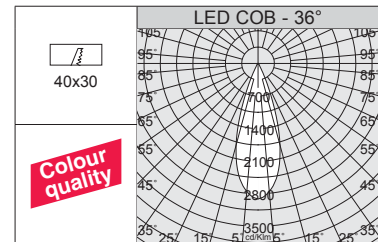
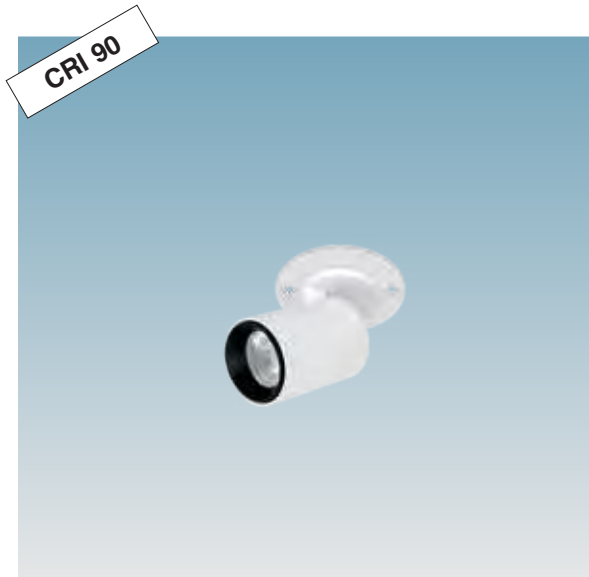
### ARQ "D" - ceiling - adjustable

| LED | colour | weight | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C)     |
|-----|--------|--------|-------------|-------|------------------------------|
|     |        |        | code        |       | K - ølm - CRI - degrees      |
| COB | white  | 0,20   | 22047310-00 | 5     | 3000K - 550lm - CRI 90 - 36° |
|     | black  |        | 22047330-00 |       |                              |

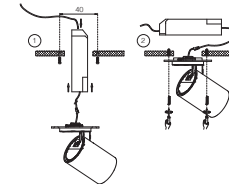




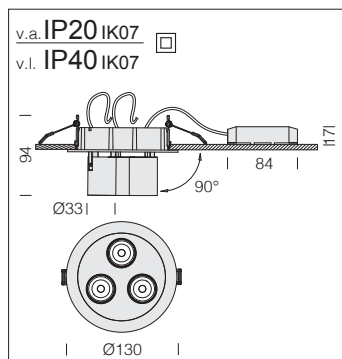
**LED:** luminous flux maintenance  
80%: 50.000h (L80B20).  
Power factor >0.95.



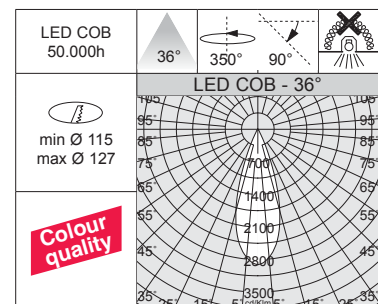
The luminaire is specifically designed to allow effortless installation of the fixture's frame onto false ceilings using dowels and fixing screws.



| ARQ "C" - with frame - adjustable |        |        |             |                  |       |                              |
|-----------------------------------|--------|--------|-------------|------------------|-------|------------------------------|
| LED                               | colour | weight | CLD         | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C)     |
|                                   |        |        | code        | code             |       | K - ølm - CRI - degrees      |
| COB                               | white  | 0,20   | 22047210-00 | 22047210-1241    | 5     | 3000K - 550lm - CRI 90 - 36° |
|                                   | black  |        | 22047230-00 | 22047230-1241    |       |                              |



**LED:** luminous flux maintenance  
80%: 50.000h (L80B20).  
Power factor >0.95.

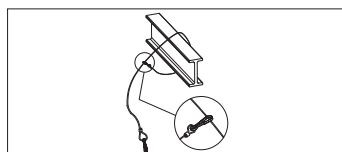


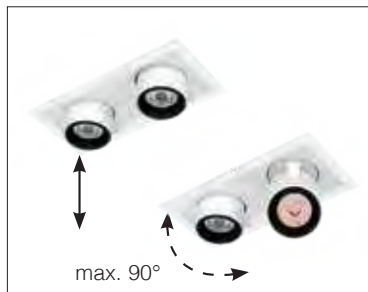
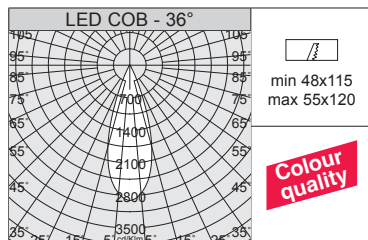
| ARQ "B" 3x - recessed - adjustable |        |        |             |                  |       |                                |
|------------------------------------|--------|--------|-------------|------------------|-------|--------------------------------|
| LED                                | colour | weight | CLD         | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C)       |
|                                    |        |        | code        | code             |       | K - ølm - CRI - degrees        |
| COB                                | white  | 0,50   | 22047112-00 | 22047112-1241    | 15    | 3000K - 3x550lm - CRI 90 - 36° |
|                                    | black  |        | 22047132-00 | 22047132-1241    |       |                                |

#### Safety cord

22004112-00

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.

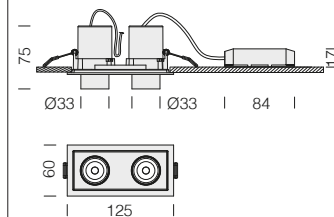




**CRI 90**



v.a. **IP20 IK07**  
v.l. **IP40 IK07**

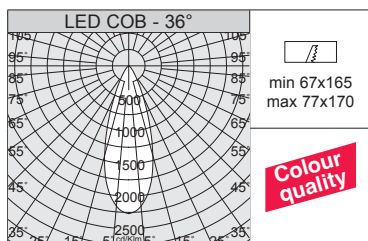


**LED:** luminous flux maintenance  
80%: 50.000h (L80B20).  
Power factor >0.95.

**ARQ "A" 2x - recessed - adjustable and extractable**

|     |        | CLD    |                      |       | LUMEN OUTPUT (tq= 25 °C)              |
|-----|--------|--------|----------------------|-------|---------------------------------------|
| LED | colour | weight | code                 | W tot | K - ølm - CRI - degrees               |
| COB | white  | 0,35   | 220 <b>47011</b> -00 | 10    | 3000K - 2x550lm - <b>CRI 90</b> - 36° |
|     | black  |        | 220 <b>47031</b> -00 |       |                                       |

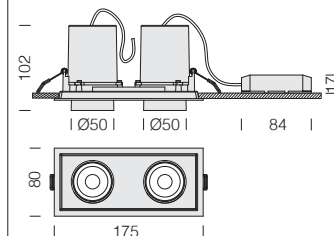
**Upon request:** available DIMM-DALI (-1241) version.



**CRI 90**



v.a. **IP20 IK07**  
v.l. **IP40 IK07**

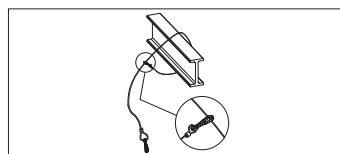


**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.95.

**ARQ "A" 2x medium - recessed - adjustable and extractable**

|     |        | CLD    |                      | LUMEN OUTPUT (tq= 25 °C) |                                       |
|-----|--------|--------|----------------------|--------------------------|---------------------------------------|
| LED | colour | weight | code                 | W tot                    | K - ølm - CRI - degrees               |
| COB | white  | 0,60   | 220 <b>47012</b> -00 | 20                       | 3000K - 2x750lm - <b>CRI 90</b> - 36° |
|     | black  |        | 220 <b>47032</b> -00 |                          |                                       |

**Upon request:** available DIMM-DALI (-1241) version.

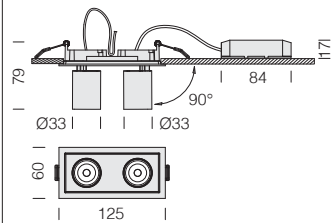


**Safety cord**

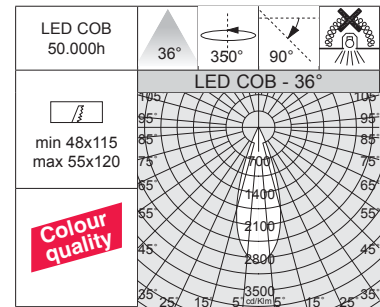
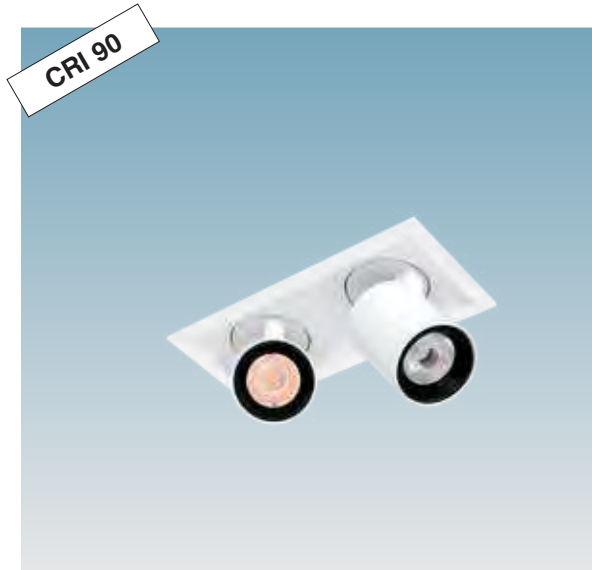
22004112-00

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.

v.a. IP20 IK07  
v.l. IP40 IK07



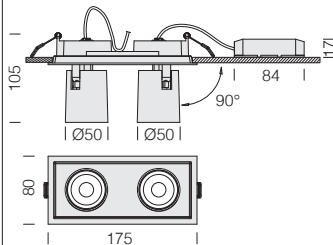
**LED:** luminous flux maintenance  
80%: 50.000h (L80B20).  
Power factor >0.95.



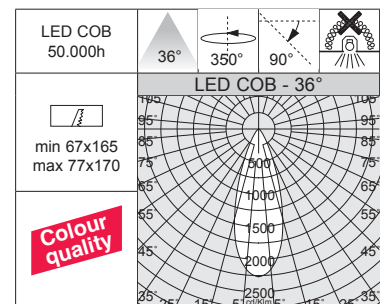
| ARQ "B" 2x - recessed - adjustable |        |        |             |       |                                |
|------------------------------------|--------|--------|-------------|-------|--------------------------------|
| LED                                | colour | weight | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C)       |
|                                    |        |        | code        |       | K - ølm - CRI - degrees        |
| COB                                | white  | 0,30   | 22047113-00 | 10    | 3000K - 2x550lm - CRI 90 - 36° |
|                                    | black  |        | 22047133-00 |       |                                |

Upon request: available DIMM-DALI (-1241) version.

v.a. IP20 IK07  
v.l. IP40 IK07



**LED:** luminous flux maintenance  
80%: 50.000h (L80B20).  
Power factor >0.95.



| ARQ "B" 2x medium - recessed - adjustable |        |        |             |       |                                |
|-------------------------------------------|--------|--------|-------------|-------|--------------------------------|
| LED                                       | colour | weight | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C)       |
|                                           |        |        | code        |       | K - ølm - CRI - degrees        |
| COB                                       | white  | 0,60   | 22047114-00 | 20    | 3000K - 2x750lm - CRI 90 - 36° |
|                                           | black  |        | 22047134-00 |       |                                |

Upon request: available DIMM-DALI (-1241) version.





Whether in the round or square version, this recessed LED spotlight is the perfect solution for installations that are designed to hide their physical presence once fitted. These spotlights are shaped to blend perfectly into the false ceilings where they are fitted. Moreover, thanks to the high **IP65** protection rating, they can be easily installed in any type of space, to create amazing light effects.

**Housing:** in die-cast aluminium with heat sink.

**Installation:** equipped with galvanised steel support brackets, with housing for springs for attachment to the false ceilings.

**Coating:** epoxy polyester powder coating resistant to UV rays.

**Equipment:** silicone rubber protection gasket compliant with French low-energy building standards (**BBC**).

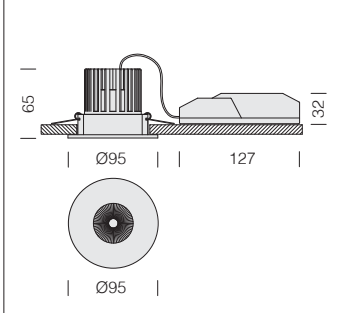
**Standards:** manufactured pursuant to EN 60598-1-CEI 34.21 and with a degree of protection pursuant to EN 60529.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.95.

Photobiological safety class: exempt group. **Upon request:** available version with 2700K / 5000K LED.

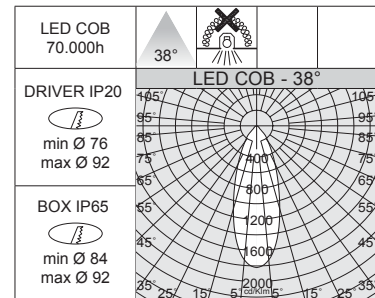
**Upon request:** version with CASAMBI automation lighting control system (fixtures **to be installed in NON-METALLIC false ceilings/panels**). For further information see chapter *Technical components*.

IP65 IK07



**Reflector:** screened anti-glare.  
With lens for better light distribution.

**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).

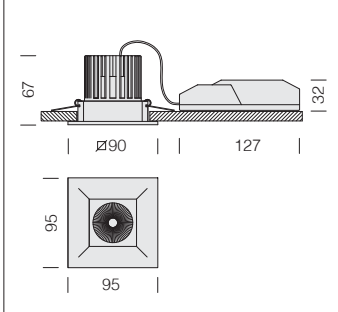


## Snow 1

| LED | colour | CLD    |             | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |
|-----|--------|--------|-------------|-------|-----------------------------------------------------|
|     |        | weight | code        |       |                                                     |
| COB | white  | 0,40   | 22082610-68 | 12    | 4000K - 1145lm - CRI>90 - 38°                       |
|     | silver |        | 22082670-68 |       |                                                     |
| COB | white  | 0,40   | 22082610-00 | 12    | 3000K - 1070lm - CRI>90 - 38°                       |
|     | silver |        | 22082670-00 |       |                                                     |

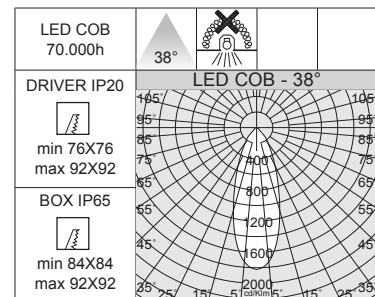
Equipped with cable L=1,5m , cable gland and steel screws with special anticorrosion treatment.  
**Upon request:** version complete with IP65 driver.

IP65 IK07



**Reflector:** screened anti-glare.  
With lens for better light distribution.

**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).



## Snow 2

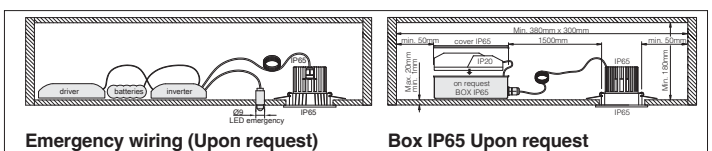
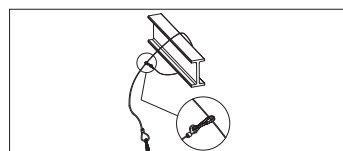
| LED | colour | CLD    |             | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |
|-----|--------|--------|-------------|-------|-----------------------------------------------------|
|     |        | weight | code        |       |                                                     |
| COB | white  | 0,40   | 22082710-68 | 12    | 4000K - 1145lm - CRI>90 - 38°                       |
|     | silver |        | 22082770-68 |       |                                                     |
| COB | white  | 0,40   | 22082710-00 | 12    | 3000K - 1070lm - CRI>90 - 38°                       |
|     | silver |        | 22082770-00 |       |                                                     |

Equipped with cable L=1,5m , cable gland and steel screws with special anticorrosion treatment.  
**Upon request:** version complete with IP65 driver.

## Safety cord

22004112-00

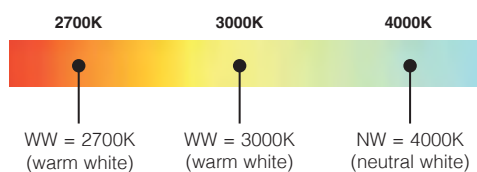
Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.







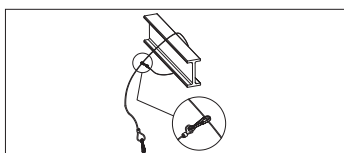
The main feature of this luminaire is the "colour-changing" technology: with the built-in selector switch positioned on the fixture's body, you can choose the desired colour temperature (2700K-3000K-4000K), adjusting its emission to most lighting installations.



#### Interchangeable LED module precision lens

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
|             |             |             |             |             |
| 20°         | 26°         | 60°         | ASYMMETRIC  | ELLIPTICAL  |
| 22029020-00 | 22029026-00 | 22029060-00 | 22029070-00 | 22029080-00 |

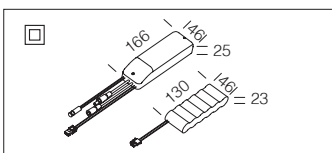
Interchangeable LED module lens, ideal for precision lighting.



#### Safety cord

22004112-00

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.



#### EM power kit

1h 22096015-00

3h 22096033-00

EM (emergency) lamp power kit complete with connectors.

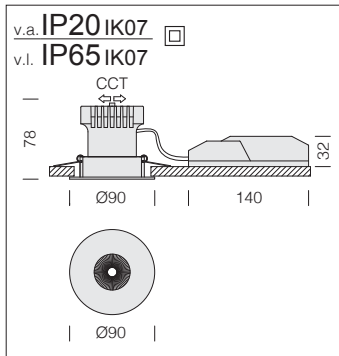


#### Protection guard for Snow 3-4

black 22095130-00

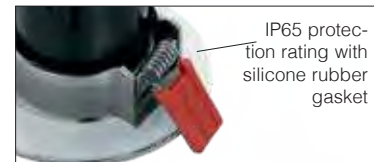
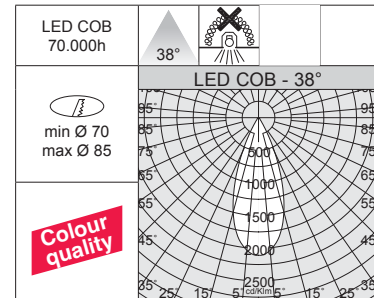
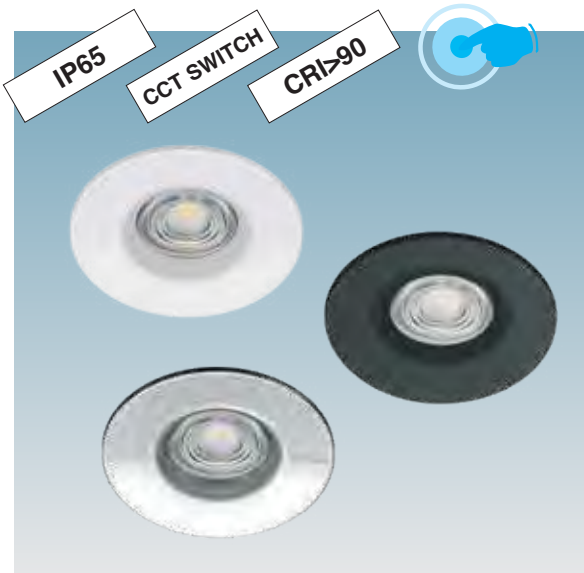
For insulation in the ceiling.





**Lens:** in PMMA with high efficiency output and very low glare rate.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.9.



Conformity with BBC regulations (Bâtiment Basse Consommation).

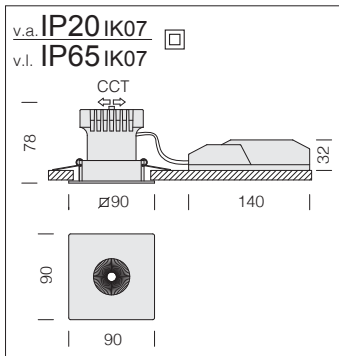
| Snow 3 - CCT / DIP SWITCH |        |        |             |                          |       |
|---------------------------|--------|--------|-------------|--------------------------|-------|
| LED                       | colour | weight | CLD code    | LUMEN OUTPUT (tq= 25 °C) |       |
|                           |        |        |             | I out                    | W tot |
| COB                       | white  | 0,40   | 22082613-00 | 250                      | 10    |
|                           |        |        |             |                          |       |
|                           |        |        |             |                          |       |
|                           |        |        |             |                          |       |
| COB                       | black  | 0,40   | 22082633-00 | 250                      | 10    |
|                           |        |        |             |                          |       |
|                           |        |        |             |                          |       |
|                           |        |        |             |                          |       |
| COB                       | chromé | 0,40   | 22082663-00 | 250                      | 10    |
|                           |        |        |             |                          |       |
|                           |        |        |             |                          |       |
|                           |        |        |             |                          |       |

Upon request: DIMM DALI (-1241) version.

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

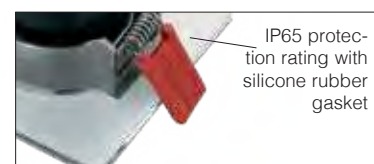
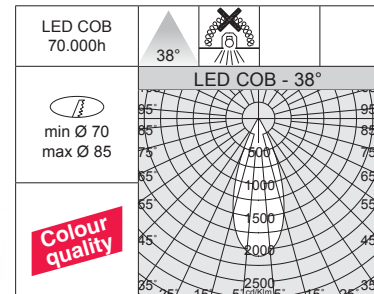
| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |



**Lens:** in PMMA with high efficiency output and very low glare rate.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.9.



Conformity with BBC regulations (Bâtiment Basse Consommation).

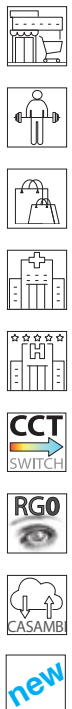
| Snow 4 - CCT / DIP SWITCH |        |        |             |                          |       |
|---------------------------|--------|--------|-------------|--------------------------|-------|
| LED                       | colour | weight | CLD code    | LUMEN OUTPUT (tq= 25 °C) |       |
|                           |        |        |             | I out                    | W tot |
| COB                       | white  | 0,40   | 22082713-00 | 250                      | 10    |
|                           |        |        |             |                          |       |
|                           |        |        |             |                          |       |
|                           |        |        |             |                          |       |
| COB                       | black  | 0,40   | 22082733-00 | 250                      | 10    |
|                           |        |        |             |                          |       |
|                           |        |        |             |                          |       |
|                           |        |        |             |                          |       |
| COB                       | chromé | 0,40   | 22082760-39 | 250                      | 10    |
|                           |        |        |             |                          |       |
|                           |        |        |             |                          |       |
|                           |        |        |             |                          |       |

Upon request: DIMM DALI (-1241 and -3941) version.

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

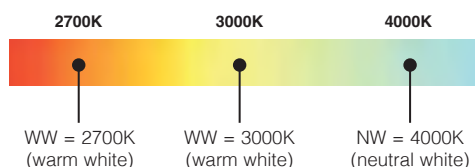
| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |



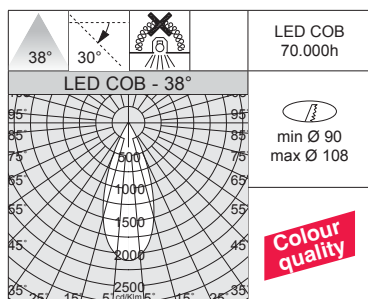


The main feature of this luminaire is the "colour-changing" technology: with the built-in selector switch positioned on the fixture's body, you can choose the desired colour temperature (2700K-3000K-4000K), adjusting its emission to most lighting installations.

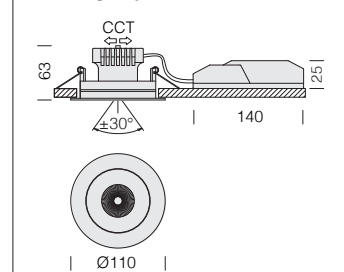


#### Interchangeable LED module precision lens

|                                                                |             |             |             |             |
|----------------------------------------------------------------|-------------|-------------|-------------|-------------|
|                                                                |             |             |             |             |
| 20°                                                            | 26°         | 60°         | ASYMMETRIC  | ELLIPTICAL  |
| 22029020-00                                                    | 22029026-00 | 22029060-00 | 22029070-00 | 22029080-00 |
| Interchangeable LED module lens, ideal for precision lighting. |             |             |             |             |



v.a. IP20 IK07  
v.l. IP40 IK07



**Lens:** in PMMA with high efficiency output and very low glare rate.

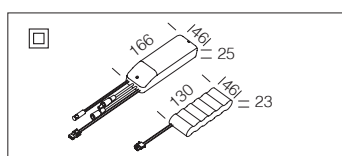
**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.9.

#### Snow 5 - CCT / DIP SWITCH

| LED | colour | weight | CLD code    | I out | W tot | LUMEN OUTPUT (tq= 25 °C)     |
|-----|--------|--------|-------------|-------|-------|------------------------------|
|     |        |        |             |       |       | K - ølm - CRI - degrees      |
| COB | white  | 0,50   | 22082611-00 | 250   | 10    | 2700K - 833lm - CRI>90 - 38° |
|     |        |        |             |       |       | 3000K - 888lm - CRI>90 - 38° |
|     |        |        |             |       |       | 4000K - 924lm - CRI>90 - 38° |

|     |        |      |             |     |    |                              |
|-----|--------|------|-------------|-----|----|------------------------------|
| COB | chrome | 0,50 | 22082660-00 | 250 | 10 | 2700K - 833lm - CRI>90 - 38° |
|     |        |      |             |     |    | 3000K - 888lm - CRI>90 - 38° |
|     |        |      |             |     |    | 4000K - 924lm - CRI>90 - 38° |

Upon request: DIMM DALI (-1241) version.



#### EM power kit

|    |             |
|----|-------------|
| 1h | 22096015-00 |
| 3h | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.

#### DIP SWITCH SETTING

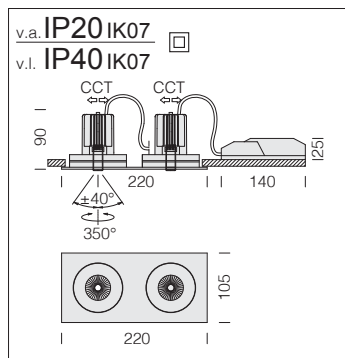
| I out | W tot | LUMEN OUTPUT (tq= 25 °C)      |  |
|-------|-------|-------------------------------|--|
|       |       | K - ølm - CRI - degrees       |  |
| 200   | 8     | 2700K - 666lm - CRI>90 - 38°  |  |
| 250   | 10    | 2700K - 833lm - CRI>90 - 38°  |  |
| 300   | 12    | 2700K - 961lm - CRI>90 - 38°  |  |
| 350   | 14    | 2700K - 1100lm - CRI>90 - 38° |  |

#### DIP SWITCH SETTING

| I out | W tot | LUMEN OUTPUT (tq= 25 °C)      |  |
|-------|-------|-------------------------------|--|
|       |       | K - ølm - CRI - degrees       |  |
| 200   | 8     | 3000K - 715lm - CRI>90 - 38°  |  |
| 250   | 10    | 3000K - 888lm - CRI>90 - 38°  |  |
| 300   | 12    | 3000K - 1037lm - CRI>90 - 38° |  |
| 350   | 14    | 3000K - 1209lm - CRI>90 - 38° |  |

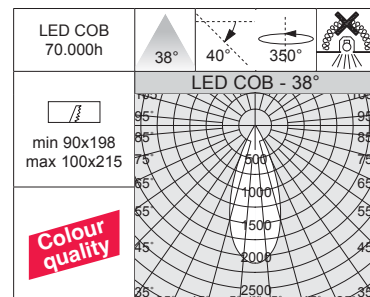
#### DIP SWITCH SETTING

| I out | W tot | LUMEN OUTPUT (tq= 25 °C)      |  |
|-------|-------|-------------------------------|--|
|       |       | K - ølm - CRI - degrees       |  |
| 200   | 8     | 4000K - 746lm - CRI>90 - 38°  |  |
| 250   | 10    | 4000K - 924lm - CRI>90 - 38°  |  |
| 300   | 12    | 4000K - 1073lm - CRI>90 - 38° |  |
| 350   | 14    | 4000K - 1229lm - CRI>90 - 38° |  |



**Frame:** made of aluminium; complete with springs to suspended ceiling from 1mm to 25 mm thick.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.9.



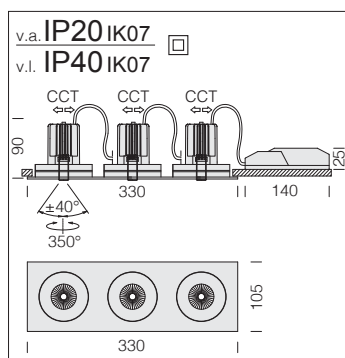
| Snow 2x - CCT / DIP SWITCH |        |        |             |                                |       |
|----------------------------|--------|--------|-------------|--------------------------------|-------|
| LED                        | colour | weight | CLD code    | LUMEN OUTPUT (tq= 25 °C)       |       |
|                            |        |        |             | I out                          | W tot |
| COB                        | white  | 1,00   | 22180710-00 | K - ølm - CRI - degrees        |       |
|                            |        |        |             | 2700K - 2x833lm - CRI>90 - 38° | 20    |
|                            |        |        |             | 3000K - 2x888lm - CRI>90 - 38° | 20    |
|                            |        |        |             | 4000K - 2x924lm - CRI>90 - 38° | 20    |

Upon request: DIMM DALI (-1241) version.

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)        |  |
|--------------------|-------|---------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees         |  |
| 200                | 16    | 2700K - 2x666lm - CRI>90 - 38°  |  |
| 250                | 20    | 2700K - 2x833lm - CRI>90 - 38°  |  |
| 300                | 24    | 2700K - 2x961lm - CRI>90 - 38°  |  |
| 350                | 28    | 2700K - 2x1100lm - CRI>90 - 38° |  |

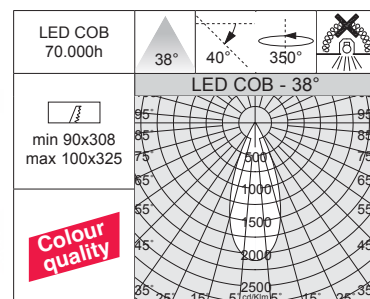
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)        |  |
|--------------------|-------|---------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees         |  |
| 200                | 16    | 3000K - 2x715lm - CRI>90 - 38°  |  |
| 250                | 20    | 3000K - 2x888lm - CRI>90 - 38°  |  |
| 300                | 24    | 3000K - 2x1037lm - CRI>90 - 38° |  |
| 350                | 28    | 3000K - 2x1209lm - CRI>90 - 38° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)        |  |
|--------------------|-------|---------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees         |  |
| 200                | 16    | 4000K - 2x746lm - CRI>90 - 38°  |  |
| 250                | 20    | 4000K - 2x924lm - CRI>90 - 38°  |  |
| 300                | 24    | 4000K - 2x1073lm - CRI>90 - 38° |  |
| 350                | 28    | 4000K - 2x1229lm - CRI>90 - 38° |  |



**Frame:** made of aluminium; complete with springs to suspended ceiling from 1mm to 25 mm thick.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.9.



| Snow 3x - CCT / DIP SWITCH |        |        |             |                                |       |
|----------------------------|--------|--------|-------------|--------------------------------|-------|
| LED                        | colour | weight | CLD code    | LUMEN OUTPUT (tq= 25 °C)       |       |
|                            |        |        |             | I out                          | W tot |
| COB                        | white  | 1,50   | 22180810-00 | K - ølm - CRI - degrees        |       |
|                            |        |        |             | 2700K - 3x833lm - CRI>90 - 38° | 30    |
|                            |        |        |             | 3000K - 3x888lm - CRI>90 - 38° | 30    |
|                            |        |        |             | 4000K - 3x924lm - CRI>90 - 38° | 30    |

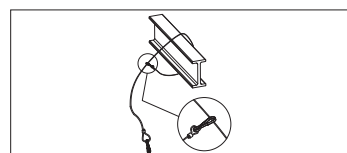
Upon request: DIMM DALI (-1241) version.

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)        |  |
|--------------------|-------|---------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees         |  |
| 200                | 24    | 2700K - 3x666lm - CRI>90 - 38°  |  |
| 250                | 30    | 2700K - 3x833lm - CRI>90 - 38°  |  |
| 300                | 36    | 2700K - 3x961lm - CRI>90 - 38°  |  |
| 350                | 42    | 2700K - 3x1100lm - CRI>90 - 38° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)        |  |
|--------------------|-------|---------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees         |  |
| 200                | 24    | 3000K - 3x715lm - CRI>90 - 38°  |  |
| 250                | 30    | 3000K - 3x888lm - CRI>90 - 38°  |  |
| 300                | 36    | 3000K - 3x1037lm - CRI>90 - 38° |  |
| 350                | 42    | 3000K - 3x1209lm - CRI>90 - 38° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)        |  |
|--------------------|-------|---------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees         |  |
| 200                | 24    | 4000K - 3x746lm - CRI>90 - 38°  |  |
| 250                | 30    | 4000K - 3x924lm - CRI>90 - 38°  |  |
| 300                | 36    | 4000K - 3x1073lm - CRI>90 - 38° |  |
| 350                | 42    | 4000K - 3x1229lm - CRI>90 - 38° |  |

| Safety cord                                                                                  |
|----------------------------------------------------------------------------------------------|
| 22004112-00                                                                                  |
| Steel safety cord, to be used for safety installation of the fixtures inside false ceilings. |







**Housing:** made of die-cast aluminium with spring clips for recessed mounting.

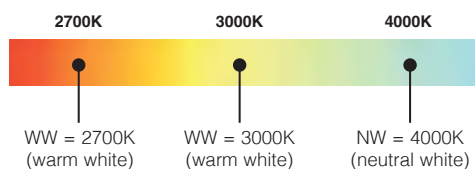
**Optics:** Snow 70-111 made in polycarbonate anti-glare, screened optics.

**Lens:** Snow 50 in PMMA with high efficiency output and very low glare rate.

**Coating:** dust painted, using polyester epoxy paint to withstand UV rays.

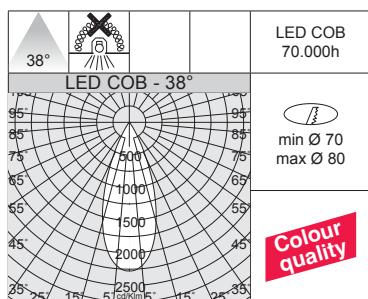


The main feature of this luminaire is the "colour-changing" technology: with the built-in selector switch positioned on the fixture's body, you can choose the desired colour temperature (2700K-3000K-4000K), adjusting its emission to most lighting installations.



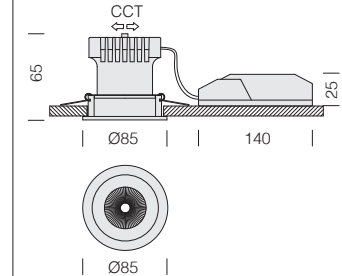
#### Interchangeable LED module precision lens

|                                                                |             |             |             |             |
|----------------------------------------------------------------|-------------|-------------|-------------|-------------|
|                                                                |             |             |             |             |
| 20°                                                            | 26°         | 60°         | ASYMMETRIC  | ELLIPTICAL  |
| 22029020-00                                                    | 22029026-00 | 22029060-00 | 22029070-00 | 22029080-00 |
| Interchangeable LED module lens, ideal for precision lighting. |             |             |             |             |



v.a. IP20 IK07

v.l. IP44 IK07



**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.9.

#### Snow 50 - CCT / DIP SWITCH

| LED | colour | weight | code        | CLD   |       | LUMEN OUTPUT (tq= 25 °C)     |  |
|-----|--------|--------|-------------|-------|-------|------------------------------|--|
|     |        |        |             | I out | W tot | K - ølm - CRI - degrees      |  |
| COB | white  | 0,40   | 22082615-00 | 250   | 10    | 2700K - 769lm - CRI>90 - 38° |  |
|     |        |        |             |       |       | 3000K - 850lm - CRI>90 - 38° |  |
|     |        |        |             |       |       | 4000K - 877lm - CRI>90 - 38° |  |
| COB | black  | 0,40   | 22082635-00 | 250   | 10    | 2700K - 769lm - CRI>90 - 38° |  |
|     |        |        |             |       |       | 3000K - 850lm - CRI>90 - 38° |  |
|     |        |        |             |       |       | 4000K - 877lm - CRI>90 - 38° |  |

Upon request: DIMM DALI (-1241) version.

#### DIP SWITCH SETTING

|       |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|-------|-------|-------------------------------|--|
| I out | W tot | K - ølm - CRI - degrees       |  |
| 200   | 8     | 2700K - 626lm - CRI>90 - 38°  |  |
| 250   | 10    | 2700K - 769lm - CRI>90 - 38°  |  |
| 300   | 12    | 2700K - 895lm - CRI>90 - 38°  |  |
| 350   | 14    | 2700K - 1001lm - CRI>90 - 38° |  |

#### DIP SWITCH SETTING

|       |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|-------|-------|-------------------------------|--|
| I out | W tot | K - ølm - CRI - degrees       |  |
| 200   | 8     | 3000K - 692lm - CRI>90 - 38°  |  |
| 250   | 10    | 3000K - 850lm - CRI>90 - 38°  |  |
| 300   | 12    | 3000K - 989lm - CRI>90 - 38°  |  |
| 350   | 14    | 3000K - 1107lm - CRI>90 - 38° |  |

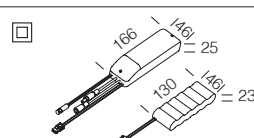
#### DIP SWITCH SETTING

|       |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|-------|-------|-------------------------------|--|
| I out | W tot | K - ølm - CRI - degrees       |  |
| 200   | 8     | 4000K - 715lm - CRI>90 - 38°  |  |
| 250   | 10    | 4000K - 877lm - CRI>90 - 38°  |  |
| 300   | 12    | 4000K - 1021lm - CRI>90 - 38° |  |
| 350   | 14    | 4000K - 1143lm - CRI>90 - 38° |  |

#### Safety cord

22004112-00

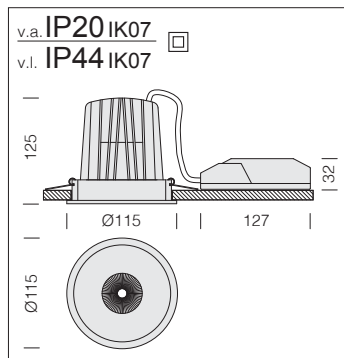
Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.



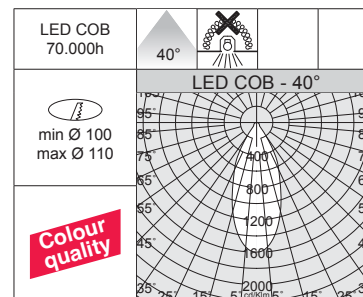
#### EM power kit

|    |             |
|----|-------------|
| 1h | 22096015-00 |
| 3h | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.



**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.9.



| Snow 70 - DIP SWITCH |        |        |             |       |       |
|----------------------|--------|--------|-------------|-------|-------|
| LED                  | colour | weight | code        | I out | W tot |
| COB                  | white  | 0,60   | 22082716-00 | 700   | 25    |
|                      | black  |        | 22082736-00 |       |       |
| COB                  | white  | 0,60   | 22082715-00 | 700   | 25    |
|                      | black  |        | 22082735-00 |       |       |

**LUMEN OUTPUT (tq= 25 °C)**  
K - ølm - CRI - degrees  
4000K - 2518lm - CRI>90 - 40°  
3000K - 2392lm - CRI>90 - 40°

**Upon request:** 21° and 28° light beam versions.

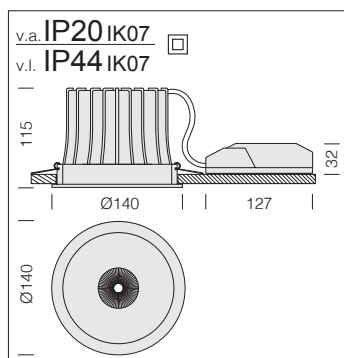
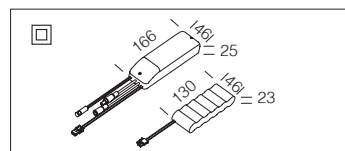
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |              |
|--------------------|-------|--------------------------|--------------|
| I out              | W tot | K - ølm - CRI - degrees  |              |
| 600                | 22    | 4000K - 2226lm           | CRI>90 - 40° |
| 650                | 24    | 4000K - 2373lm           | CRI>90 - 40° |
| 700                | 25    | 4000K - 2518lm           | CRI>90 - 40° |

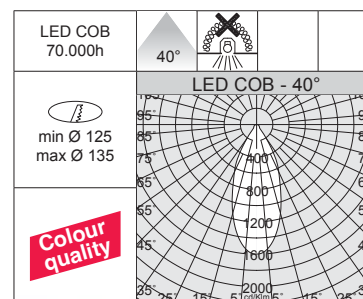
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |              |
|--------------------|-------|--------------------------|--------------|
| I out              | W tot | K - ølm - CRI - degrees  |              |
| 600                | 22    | 3000K - 2115lm           | CRI>90 - 40° |
| 650                | 24    | 3000K - 2254lm           | CRI>90 - 40° |
| 700                | 25    | 3000K - 2392lm           | CRI>90 - 40° |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.



**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.9.



| Snow 111 - DIP SWITCH |        |        |             |       |       |
|-----------------------|--------|--------|-------------|-------|-------|
| LED                   | colour | weight | code        | I out | W tot |
| COB                   | white  | 0,80   | 22082816-00 | 1050  | 39    |
|                       | black  |        | 22082836-00 |       |       |
| COB                   | white  | 0,80   | 22082815-00 | 1050  | 39    |
|                       | black  |        | 22082835-00 |       |       |

**LUMEN OUTPUT (tq= 25 °C)**  
K - ølm - CRI - degrees  
4000K - 3617lm - CRI>90 - 40°  
3000K - 3436lm - CRI>90 - 40°

**Upon request:** 15° and 25° light beam versions.

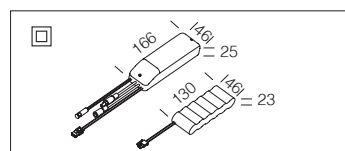
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |              |
|--------------------|-------|--------------------------|--------------|
| I out              | W tot | K - ølm - CRI - degrees  |              |
| 900                | 34    | 4000K - 3247lm           | CRI>90 - 40° |
| 950                | 35    | 4000K - 3366lm           | CRI>90 - 40° |
| 1050               | 39    | 4000K - 3617lm           | CRI>90 - 40° |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |              |
|--------------------|-------|--------------------------|--------------|
| I out              | W tot | K - ølm - CRI - degrees  |              |
| 900                | 34    | 3000K - 3085lm           | CRI>90 - 40° |
| 950                | 35    | 3000K - 3198lm           | CRI>90 - 40° |
| 1050               | 39    | 3000K - 3436lm           | CRI>90 - 40° |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.







The ideal retrofit of existing **iSpot** spotlights, it represents the technological benchmark of recessed spotlights. The main advantages of this latest generation product are energy-efficiency, great flexible use and superior lighting quality. With latest generation LEDs you can save up to 80% of energy compared to old products, plus a service life that can reach up to 70,000 hours guaranteeing an excellent luminous flux.

**Housing:** made of die-cast aluminium with spring clips for recessed mounting.

**Lens:** in PMMA with high efficiency output and very low glare rate.

**Coating:** epoxy polyester powder coating resistant to UV rays.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10).

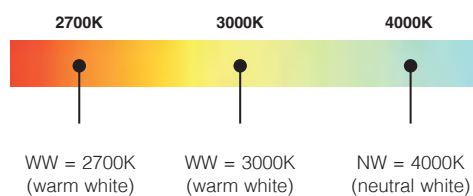
Power factor >0.9.

**Upon request:** version with CASAMBI automation lighting control system (fixtures **to be installed in NON-METALLIC false ceilings/panels**).  
For further information see chapter *Technical components*.





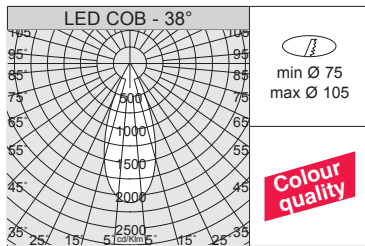
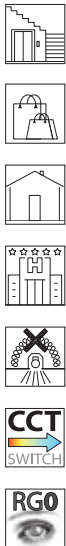
The main feature of this luminaire is the "colour-changing" technology: with the built-in selector switch positioned on the fixture's body, you can choose the desired colour temperature (2700K-3000K-4000K), adjusting its emission to most lighting installations.



Interchangeable LED module precision lens

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
|             |             |             |             |             |
| 20°         | 26°         | 60°         | ASYMMETRIC  | ELLIPTICAL  |
| 22029020-00 | 22029026-00 | 22029060-00 | 22029070-00 | 22029080-00 |

Interchangeable LED module lens, ideal for precision lighting.

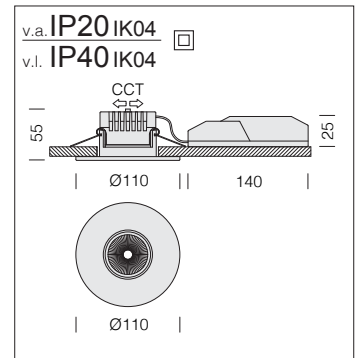


**Honeycomb screen for iSpot 1-2-3**  
22005132-00  
To reduce glare.



| iSpot 1 - CCT / DIP SWITCH |           |        |             |       |       |                              |
|----------------------------|-----------|--------|-------------|-------|-------|------------------------------|
| LED                        | colour    | weight | code        | I out | W tot | LUMEN OUTPUT (tq= 25 °C)     |
|                            |           |        |             |       |       | K - ølm - CRI - degrees      |
| COB                        | white     | 0,30   | 22067310-00 | 250   | 10    | 2700K - 833lm - CRI>90 - 38° |
|                            |           |        |             |       |       | 3000K - 888lm - CRI>90 - 38° |
|                            |           |        |             |       |       | 4000K - 924lm - CRI>90 - 38° |
| COB                        | black     | 0,30   | 22067330-00 | 250   | 10    | 2700K - 833lm - CRI>90 - 38° |
|                            |           |        |             |       |       | 3000K - 888lm - CRI>90 - 38° |
|                            |           |        |             |       |       | 4000K - 924lm - CRI>90 - 38° |
| COB                        | s. silver | 0,30   | 22067370-00 | 250   | 10    | 2700K - 833lm - CRI>90 - 38° |
|                            |           |        |             |       |       | 3000K - 888lm - CRI>90 - 38° |
|                            |           |        |             |       |       | 4000K - 924lm - CRI>90 - 38° |

Upon request: DIMM DALI (-1241) version.

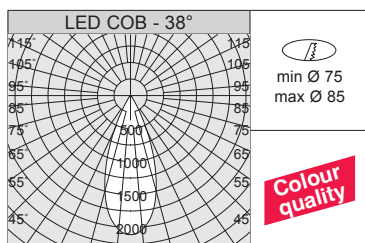


**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.9.

| DIP SWITCH SETTING |       |                               | LUMEN OUTPUT (tq= 25 °C) |
|--------------------|-------|-------------------------------|--------------------------|
| I out              | W tot | K - ølm - CRI - degrees       |                          |
| 200                | 8     | 2700K - 666lm - CRI>90 - 38°  |                          |
| 250                | 10    | 2700K - 833lm - CRI>90 - 38°  |                          |
| 300                | 12    | 2700K - 961lm - CRI>90 - 38°  |                          |
| 350                | 14    | 2700K - 1100lm - CRI>90 - 38° |                          |

| DIP SWITCH SETTING |       |                               | LUMEN OUTPUT (tq= 25 °C) |
|--------------------|-------|-------------------------------|--------------------------|
| I out              | W tot | K - ølm - CRI - degrees       |                          |
| 200                | 8     | 3000K - 715lm - CRI>90 - 38°  |                          |
| 250                | 10    | 3000K - 888lm - CRI>90 - 38°  |                          |
| 300                | 12    | 3000K - 1037lm - CRI>90 - 38° |                          |
| 350                | 14    | 3000K - 1209lm - CRI>90 - 38° |                          |

| DIP SWITCH SETTING |       |                               | LUMEN OUTPUT (tq= 25 °C) |
|--------------------|-------|-------------------------------|--------------------------|
| I out              | W tot | K - ølm - CRI - degrees       |                          |
| 200                | 8     | 4000K - 746lm - CRI>90 - 38°  |                          |
| 250                | 10    | 4000K - 924lm - CRI>90 - 38°  |                          |
| 300                | 12    | 4000K - 1073lm - CRI>90 - 38° |                          |
| 350                | 14    | 4000K - 1229lm - CRI>90 - 38° |                          |

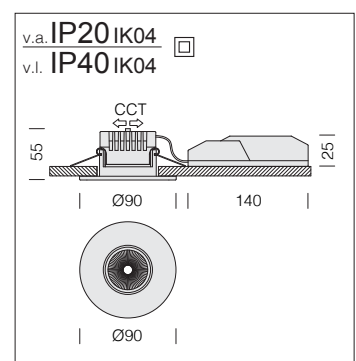


**Protection guard for iSpot 1-2-3**  
black 22095130-00  
For insulation in the ceiling.



| iSpot 2 - CCT / DIP SWITCH |           |        |             |       |       |                              |
|----------------------------|-----------|--------|-------------|-------|-------|------------------------------|
| LED                        | colour    | weight | code        | I out | W tot | LUMEN OUTPUT (tq= 25 °C)     |
|                            |           |        |             |       |       | K - ølm - CRI - degrees      |
| COB                        | white     | 0,30   | 22067210-00 | 250   | 10    | 2700K - 833lm - CRI>90 - 38° |
|                            |           |        |             |       |       | 3000K - 888lm - CRI>90 - 38° |
|                            |           |        |             |       |       | 4000K - 924lm - CRI>90 - 38° |
| COB                        | black     | 0,30   | 22067230-00 | 250   | 10    | 2700K - 833lm - CRI>90 - 38° |
|                            |           |        |             |       |       | 3000K - 888lm - CRI>90 - 38° |
|                            |           |        |             |       |       | 4000K - 924lm - CRI>90 - 38° |
| COB                        | s. silver | 0,30   | 22067270-00 | 250   | 10    | 2700K - 833lm - CRI>90 - 38° |
|                            |           |        |             |       |       | 3000K - 888lm - CRI>90 - 38° |
|                            |           |        |             |       |       | 4000K - 924lm - CRI>90 - 38° |
| COB                        | cromato   | 0,30   | 22067260-00 | 250   | 10    | 2700K - 833lm - CRI>90 - 38° |
|                            |           |        |             |       |       | 3000K - 888lm - CRI>90 - 38° |
|                            |           |        |             |       |       | 4000K - 924lm - CRI>90 - 38° |

Upon request: DIMM DALI (-1241) version.



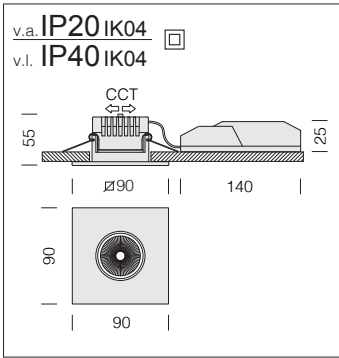
**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.9.

| DIP SWITCH SETTING |       |                               | LUMEN OUTPUT (tq= 25 °C) |
|--------------------|-------|-------------------------------|--------------------------|
| I out              | W tot | K - ølm - CRI - degrees       |                          |
| 200                | 8     | 2700K - 666lm - CRI>90 - 38°  |                          |
| 250                | 10    | 2700K - 833lm - CRI>90 - 38°  |                          |
| 300                | 12    | 2700K - 961lm - CRI>90 - 38°  |                          |
| 350                | 14    | 2700K - 1100lm - CRI>90 - 38° |                          |

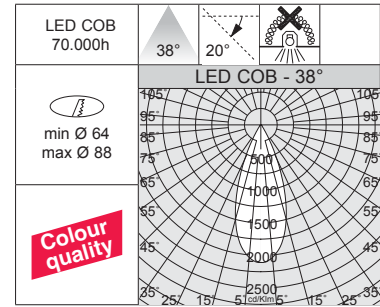
| DIP SWITCH SETTING |       |                               | LUMEN OUTPUT (tq= 25 °C) |
|--------------------|-------|-------------------------------|--------------------------|
| I out              | W tot | K - ølm - CRI - degrees       |                          |
| 200                | 8     | 3000K - 715lm - CRI>90 - 38°  |                          |
| 250                | 10    | 3000K - 888lm - CRI>90 - 38°  |                          |
| 300                | 12    | 3000K - 1037lm - CRI>90 - 38° |                          |
| 350                | 14    | 3000K - 1209lm - CRI>90 - 38° |                          |

| DIP SWITCH SETTING |       |                               | LUMEN OUTPUT (tq= 25 °C) |
|--------------------|-------|-------------------------------|--------------------------|
| I out              | W tot | K - ølm - CRI - degrees       |                          |
| 200                | 8     | 4000K - 746lm - CRI>90 - 38°  |                          |
| 250                | 10    | 4000K - 924lm - CRI>90 - 38°  |                          |
| 300                | 12    | 4000K - 1073lm - CRI>90 - 38° |                          |
| 350                | 14    | 4000K - 1229lm - CRI>90 - 38° |                          |





**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.9.



| iSpot 3 - CCT / DIP SWITCH - square |        |        |             |       |       |
|-------------------------------------|--------|--------|-------------|-------|-------|
| LED                                 | colour | weight | code        | CLD   |       |
|                                     |        |        |             | I out | W tot |
| COB                                 | chrome | 0,40   | 22067460-00 | 250   | 10    |
|                                     |        |        |             |       |       |
|                                     |        |        |             |       |       |
|                                     |        |        |             |       |       |

Upon request: DIMM DALI (-1241) version.

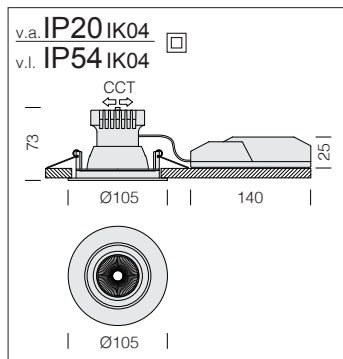
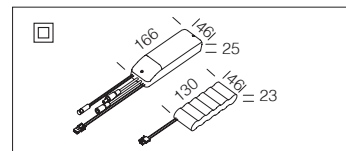
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 200                | 8     | 2700K - 666lm - CRI>90 - 38°  |  |
| 250                | 10    | 2700K - 833lm - CRI>90 - 38°  |  |
| 300                | 12    | 2700K - 961lm - CRI>90 - 38°  |  |
| 350                | 14    | 2700K - 1100lm - CRI>90 - 38° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 200                | 8     | 3000K - 715lm - CRI>90 - 38°  |  |
| 250                | 10    | 3000K - 888lm - CRI>90 - 38°  |  |
| 300                | 12    | 3000K - 1037lm - CRI>90 - 38° |  |
| 350                | 14    | 3000K - 1209lm - CRI>90 - 38° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 200                | 8     | 4000K - 746lm - CRI>90 - 38°  |  |
| 250                | 10    | 4000K - 924lm - CRI>90 - 38°  |  |
| 300                | 12    | 4000K - 1073lm - CRI>90 - 38° |  |
| 350                | 14    | 4000K - 1229lm - CRI>90 - 38° |  |

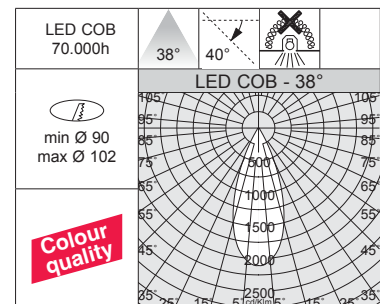
| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.



**Equipment:** silicone rubber protection gasket compliant with French low-energy building standards BBC (Bâtiment Basse Consommation).

**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.9.



| iSpot 4 - CCT / DIP SWITCH |        |        |             |       |       |
|----------------------------|--------|--------|-------------|-------|-------|
| LED                        | colour | weight | code        | CLD   |       |
|                            |        |        |             | I out | W tot |
| COB                        | white  | 0,40   | 22067510-00 | 250   | 10    |
|                            |        |        |             |       |       |
|                            |        |        |             |       |       |
|                            |        |        |             |       |       |

Upon request: DIMM DALI (-1241) version.

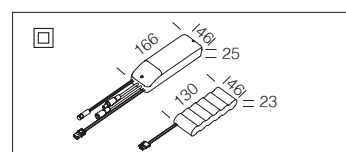
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 200                | 8     | 2700K - 666lm - CRI>90 - 38°  |  |
| 250                | 10    | 2700K - 833lm - CRI>90 - 38°  |  |
| 300                | 12    | 2700K - 961lm - CRI>90 - 38°  |  |
| 350                | 14    | 2700K - 1100lm - CRI>90 - 38° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 200                | 8     | 3000K - 715lm - CRI>90 - 38°  |  |
| 250                | 10    | 3000K - 888lm - CRI>90 - 38°  |  |
| 300                | 12    | 3000K - 1037lm - CRI>90 - 38° |  |
| 350                | 14    | 3000K - 1209lm - CRI>90 - 38° |  |

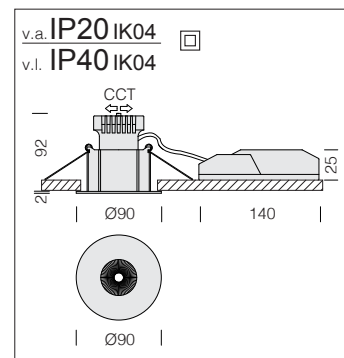
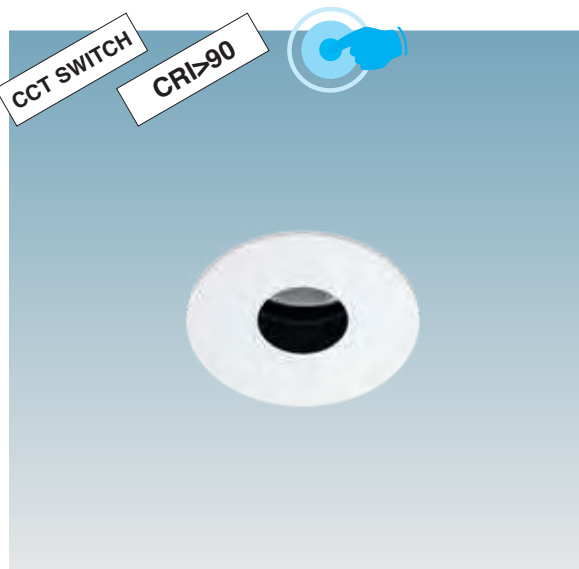
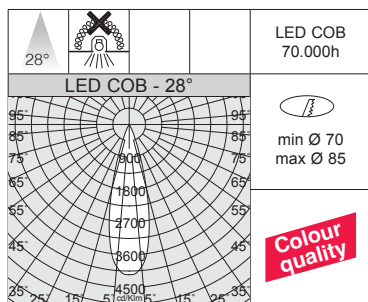
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 200                | 8     | 4000K - 746lm - CRI>90 - 38°  |  |
| 250                | 10    | 4000K - 924lm - CRI>90 - 38°  |  |
| 300                | 12    | 4000K - 1073lm - CRI>90 - 38° |  |
| 350                | 14    | 4000K - 1229lm - CRI>90 - 38° |  |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.





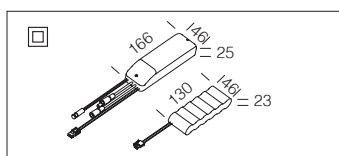


**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.9.

| iSpot Hotel 1 - CCT / DIP SWITCH |        |        |             |       |       |                                                                                                                  |
|----------------------------------|--------|--------|-------------|-------|-------|------------------------------------------------------------------------------------------------------------------|
|                                  |        | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C)                                                                                         |
| LED                              | colour | weight | code        | I out | W tot | K - ølm - CRI - degrees                                                                                          |
| COB                              | white  | 0,40   | 22067710-00 | 250   | 10    | 2700K - 661lm - CRI>90 - 28°  |
|                                  |        |        |             |       |       | 3000K - 731lm - CRI>90 - 28°  |
|                                  |        |        |             |       |       | 4000K - 754lm - CRI>90 - 28°  |
| COB                              | black  | 0,40   | 22067730-00 | 250   | 10    | 2700K - 661lm - CRI>90 - 28°                                                                                     |
|                                  |        |        |             |       |       | 3000K - 731lm - CRI>90 - 28°                                                                                     |
|                                  |        |        |             |       |       | 4000K - 754lm - CRI>90 - 28°                                                                                     |

Upon request: DIMM DALI (-1241) version.

**Upon request:** DIMM DALI (-1241) version.



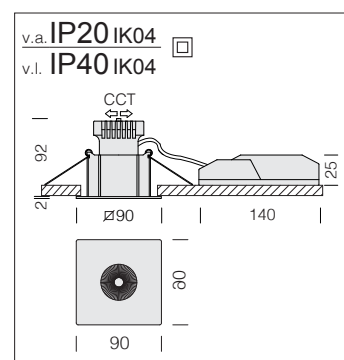
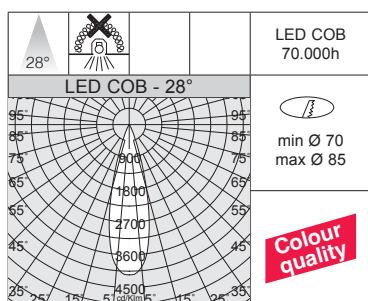
| EM power kit |                      |
|--------------|----------------------|
| 1h           | 220 <b>96015</b> -00 |
| 3h           | 220 <b>96033</b> -00 |

EM (emergency) lamp power kit complete with connectors.

| DIP SWITCH SETTING |       |                                        |
|--------------------|-------|----------------------------------------|
|                    |       | LUMEN OUTPUT (tq= 25 °C)               |
| I out              | W tot | K - ølm - CRI - degrees                |
| 200                | 8     | 2700K - 539lm - <b>CRI&gt;90</b> - 28° |
| 250                | 10    | 2700K - 661lm - <b>CRI&gt;90</b> - 28° |
| 300                | 12    | 2700K - 769lm - <b>CRI&gt;90</b> - 28° |
| 350                | 14    | 2700K - 861lm - <b>CRI&gt;90</b> - 28° |

| DIP SWITCH SETTING       |       |                              |  |
|--------------------------|-------|------------------------------|--|
| LUMEN OUTPUT (tq= 25 °C) |       |                              |  |
| I out                    | W tot | K - ølm - CRI - degrees      |  |
| 200                      | 8     | 3000K - 595lm - CRI>90 - 28° |  |
| 250                      | 10    | 3000K - 731lm - CRI>90 - 28° |  |
| 300                      | 12    | 3000K - 851lm - CRI>90 - 28° |  |
| 350                      | 14    | 3000K - 952lm - CRI>90 - 28° |  |

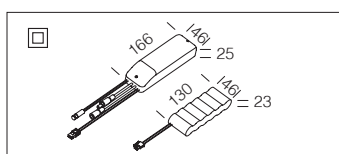
| DIP SWITCH SETTING       |       |                                        |
|--------------------------|-------|----------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                        |
| I out                    | W tot | K - ølm - CRI - degrees                |
| 200                      | 8     | 4000K - 615lm - <b>CRI&gt;90</b> - 28° |
| 250                      | 10    | 4000K - 754lm - <b>CRI&gt;90</b> - 28° |
| 300                      | 12    | 4000K - 878lm - <b>CRI&gt;90</b> - 28° |
| 350                      | 14    | 4000K - 983lm - <b>CRI&gt;90</b> - 28° |



**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.9.

| iSpot Hotel 2 - CCT / DIP SWITCH        |        |        |             |       |       |                                                                                                                    |
|-----------------------------------------|--------|--------|-------------|-------|-------|--------------------------------------------------------------------------------------------------------------------|
|                                         |        | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C)                                                                                           |
| LED                                     | colour | weight | code        | I out | W tot | K - ølm - CRI - degrees                                                                                            |
| COB                                     | white  | 0,40   | 22067712-00 | 250   | 10    | 2700K - 661lm - CRI>90 - 28°  |
|                                         |        |        |             |       |       | 3000K - 731lm - CRI>90 - 28°  |
|                                         |        |        |             |       |       | 4000K - 754lm - CRI>90 - 28°  |
| COB                                     | black  | 0,40   | 22067732-00 | 250   | 10    | 2700K - 661lm - CRI>90 - 28°                                                                                       |
|                                         |        |        |             |       |       | 3000K - 731lm - CRI>90 - 28°                                                                                       |
|                                         |        |        |             |       |       | 4000K - 754lm - CRI>90 - 28°                                                                                       |
| Upon request: DIMM DALI (-1241) version |        |        |             |       |       |                                                                                                                    |

**Upon request:** DIMM DALI (-1241) version.



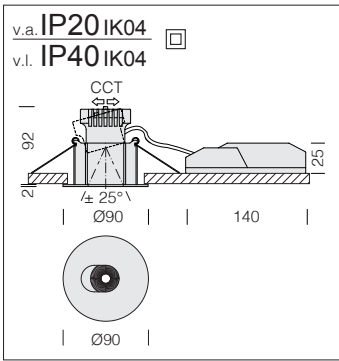
| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.

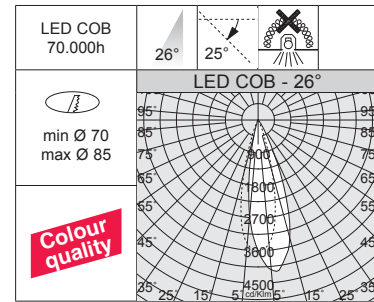
| DIP SWITCH SETTING |       |                                        |
|--------------------|-------|----------------------------------------|
|                    |       | LUMEN OUTPUT (tq= 25 °C)               |
| I out              | W tot | K - ølm - CRI - degrees                |
| 200                | 8     | 2700K - 539lm - <b>CRI&gt;90</b> - 28° |
| 250                | 10    | 2700K - 661lm - <b>CRI&gt;90</b> - 28° |
| 300                | 12    | 2700K - 769lm - <b>CRI&gt;90</b> - 28° |
| 350                | 14    | 2700K - 861lm - <b>CRI&gt;90</b> - 28° |

| DIP SWITCH SETTING       |       |                              |
|--------------------------|-------|------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                              |
| I out                    | W tot | K - ølm - CRI - degrees      |
| 200                      | 8     | 3000K - 595lm - CRI>90 - 28° |
| 250                      | 10    | 3000K - 731lm - CRI>90 - 28° |
| 300                      | 12    | 3000K - 851lm - CRI>90 - 28° |
| 350                      | 14    | 3000K - 952lm - CRI>90 - 28° |

| DIP SWITCH SETTING       |       |                                        |
|--------------------------|-------|----------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                        |
| I out                    | W tot | K - $\phi$ lm - CRI - degrees          |
| 200                      | 8     | 4000K - 615lm - <b>CRI&gt;90</b> - 28° |
| 250                      | 10    | 4000K - 754lm - <b>CRI&gt;90</b> - 28° |
| 300                      | 12    | 4000K - 878lm - <b>CRI&gt;90</b> - 28° |
| 350                      | 14    | 4000K - 983lm - <b>CRI&gt;90</b> - 28° |



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.9.

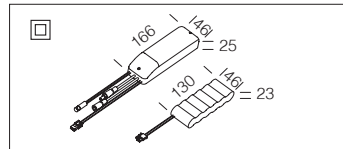


| iSpot Hotel 3 - CCT / DIP SWITCH - adjustable |        |        |             |                          |       |
|-----------------------------------------------|--------|--------|-------------|--------------------------|-------|
| LED                                           | colour | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |
|                                               |        | weight | code        | I out                    | W tot |
| COB                                           | white  | 0,40   | 22067910-00 | 250                      | 10    |
|                                               |        |        |             |                          |       |
|                                               |        |        |             |                          |       |
| COB                                           | black  | 0,40   | 22067930-00 | 250                      | 10    |
|                                               |        |        |             |                          |       |
|                                               |        |        |             |                          |       |

Upon request: DIMM DALI (-1241) version.

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

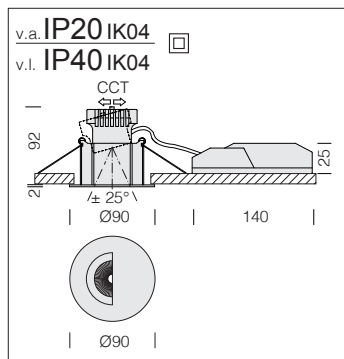
EM (emergency) lamp power kit complete with connectors.



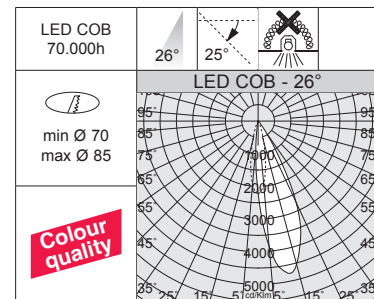
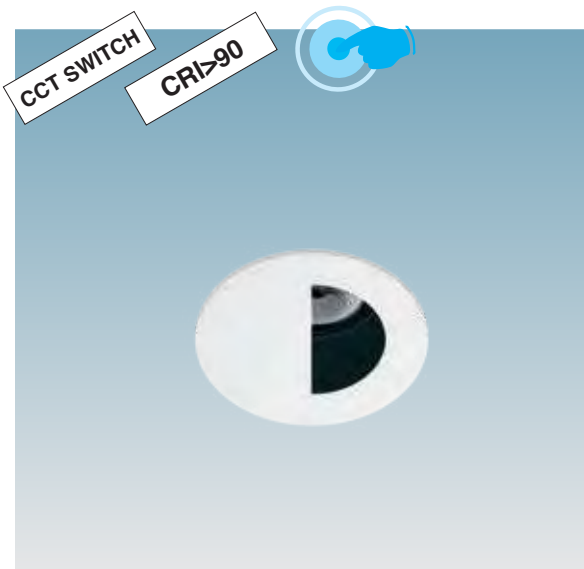
| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.9.

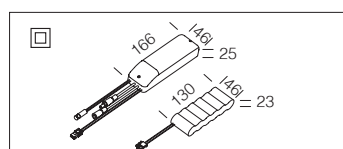


| iSpot Hotel 4 - CCT / DIP SWITCH - adjustable |        |        |             |                          |       |
|-----------------------------------------------|--------|--------|-------------|--------------------------|-------|
| LED                                           | colour | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |
|                                               |        | weight | code        | I out                    | W tot |
| COB                                           | white  | 0,40   | 22067912-00 | 250                      | 10    |
|                                               |        |        |             |                          |       |
|                                               |        |        |             |                          |       |
| COB                                           | black  | 0,40   | 22067932-00 | 250                      | 10    |
|                                               |        |        |             |                          |       |
|                                               |        |        |             |                          |       |

Upon request: DIMM DALI (-1241) version.

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

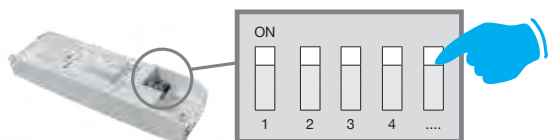
EM (emergency) lamp power kit complete with connectors.



| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |



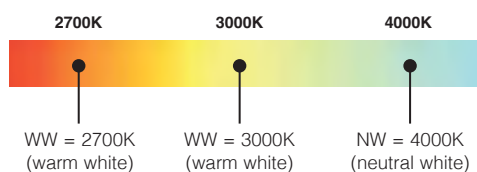
## ADAPT THE CURRENT TO ACHIEVE OPTIMAL LUMINOUS FLUX

**DIP SWITCH SETTING:** the fixture comes with a *DIP SWITCH* driver for **THE SETTING OF THE OUTPUT CURRENT**. In this way you, can **ENSURE THE BEST LUMINOUS FLUX** for any lighting design.

The possibility to choose the correct drive current for LEDs will allow you to have the right power under specific design conditions. Using a lower current will improve the efficiency of fixtures and therefore increase energy savings, whilst a higher current will result in a higher light flux so that you can reduce the number of fixtures.

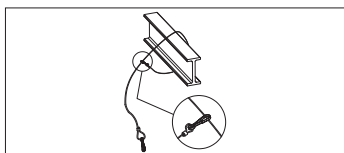


The main feature of this luminaire is the "colour-changing" technology: with the built-in selector switch positioned on the fixture's body, you can choose the desired colour temperature (2700K-3000K-4000K), adjusting its emission to most lighting installations.



### Interchangeable LED module precision lens

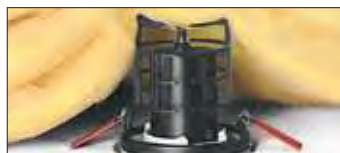
|                                                                |             |             |             |             |
|----------------------------------------------------------------|-------------|-------------|-------------|-------------|
|                                                                |             |             |             |             |
| 20°                                                            | 26°         | 60°         | ASYMMETRIC  | ELLIPTICAL  |
| 22029020-00                                                    | 22029026-00 | 22029060-00 | 22029070-00 | 22029080-00 |
| Interchangeable LED module lens, ideal for precision lighting. |             |             |             |             |



### Safety cord

22004112-00

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.

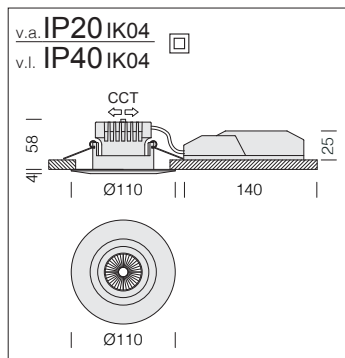


### Protection guard for Low Glare 1-2

black 22095130-00

For insulation in the ceiling.



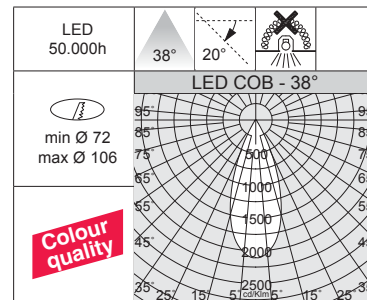


**Housing:** made in aluminium, adjustable with springs.

**Lens:** in PMMA with high efficiency output and very low glare rate.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10).

Power factor >0.9.



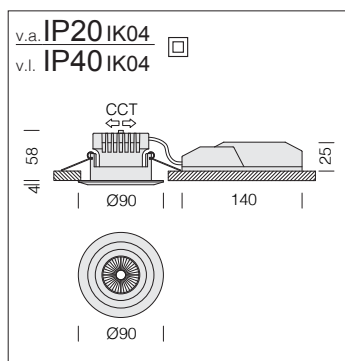
| Low Glare 1 - CCT / DIP SWITCH |                |        |             |       |       |
|--------------------------------|----------------|--------|-------------|-------|-------|
| LED                            | colour         | weight | CLD code    | I out | W tot |
|                                |                |        |             |       |       |
| COB                            | alu. matt nat. | 0,30   | 22061470-00 | 250   | 10    |
|                                |                |        |             |       |       |
|                                |                |        |             |       |       |
| COB                            | white          | 0,30   | 22061410-00 | 250   | 10    |
|                                |                |        |             |       |       |
|                                |                |        |             |       |       |

Upon request: DIMM DALI (-1241) version.

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

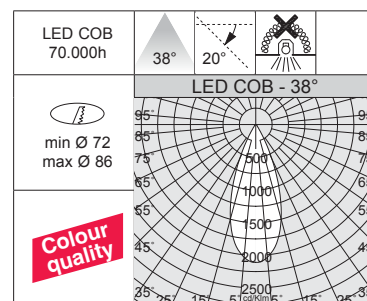
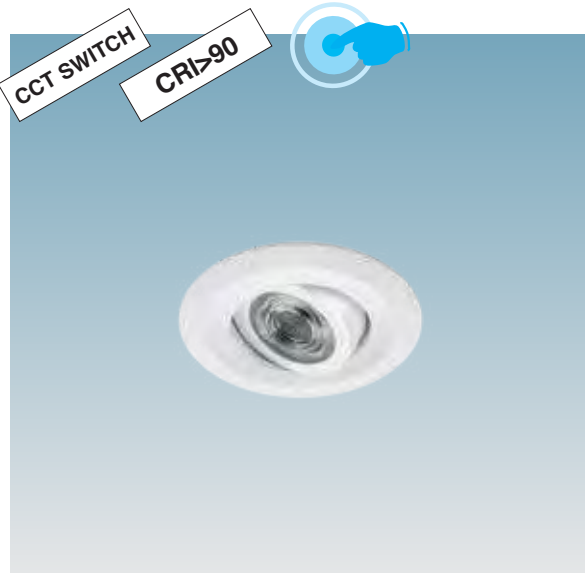


**Housing:** made in aluminium, adjustable with springs.

**Lens:** in PMMA with high efficiency output and very low glare rate.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10).

Power factor >0.9.



| Low Glare 2 - CCT / DIP SWITCH |                |        |             |       |       |
|--------------------------------|----------------|--------|-------------|-------|-------|
| LED                            | colour         | weight | CLD code    | I out | W tot |
|                                |                |        |             |       |       |
| COB                            | alu. matt nat. | 0,30   | 22066777-00 | 250   | 10    |
|                                |                |        |             |       |       |
|                                |                |        |             |       |       |
| COB                            | white          | 0,30   | 22066717-00 | 250   | 10    |
|                                |                |        |             |       |       |
|                                |                |        |             |       |       |

Upon request: DIMM DALI (-1241) version.

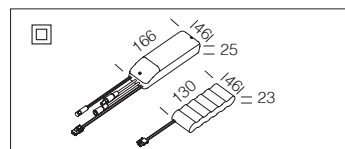
| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

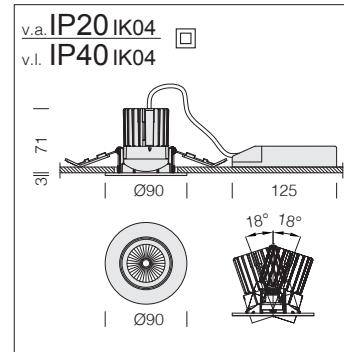
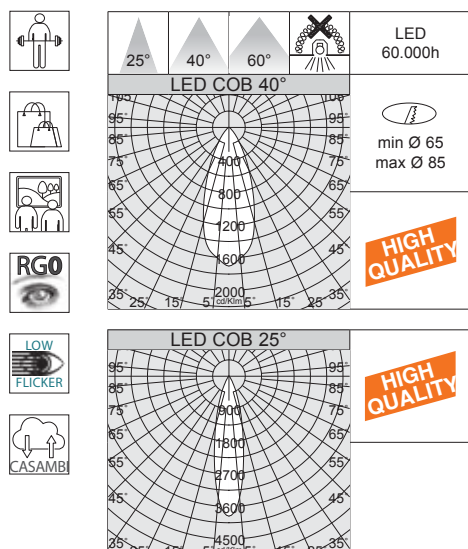
| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.





**Housing:** in die-cast aluminium with spring clips for recessed mounting.

**Lens:** in PMMA with high efficiency output and very low glare rate.

**LED:** luminous flux maintenance 90%: 60.000h (L90B10). Power factor >0.9.

**Upon request:** available DIMM-DALI (-1241) version.

### Sun T - 2700K - CRI>95 - high quality

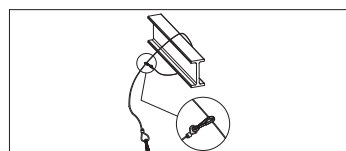
| LED | colour | weight | CLD         | CLD-D (1-10V) | W tot | LUMEN OUTPUT (tq= 25 °C)        |
|-----|--------|--------|-------------|---------------|-------|---------------------------------|
|     |        |        | code        | code          |       | K - ølm - CRI - degrees         |
| COB | white  | 0,30   | 22066301-00 | 22066301-12   | 9     | 2700K HQ - 788lm - CRI>95 - 25° |
|     |        |        | 22066318-00 | 22066318-12   |       | 2700K HQ - 788lm - CRI>95 - 40° |
|     |        |        | 22066319-00 | 22066319-12   |       | 2700K HQ - 735lm - CRI>95 - 60° |
| COB | black  | 0,30   | 22066336-00 | 22066336-12   | 9     | 2700K HQ - 788lm - CRI>95 - 25° |
|     |        |        | 22066335-00 | 22066335-12   |       | 2700K HQ - 788lm - CRI>95 - 40° |
|     |        |        | 22066339-00 | 22066339-12   |       | 2700K HQ - 735lm - CRI>95 - 60° |

### Sun T - 3000K - CRI>95 - high quality

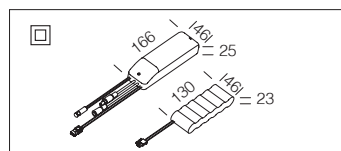
| LED | colour | weight | CLD         | CLD-D (1-10V) | W tot | LUMEN OUTPUT (tq= 25 °C)        |
|-----|--------|--------|-------------|---------------|-------|---------------------------------|
|     |        |        | code        | code          |       | K - ølm - CRI - degrees         |
| COB | white  | 0,30   | 22065512-00 | 22065512-12   | 9     | 3000K HQ - 850lm - CRI>95 - 25° |
|     |        |        | 22065514-00 | 22065514-12   |       | 3000K HQ - 850lm - CRI>95 - 40° |
|     |        |        | 22065513-00 | 22065513-12   |       | 3000K HQ - 782lm - CRI>95 - 60° |
| COB | black  | 0,30   | 22065532-00 | 22065532-12   | 9     | 3000K HQ - 850lm - CRI>95 - 25° |
|     |        |        | 22065534-00 | 22065534-12   |       | 3000K HQ - 850lm - CRI>95 - 40° |
|     |        |        | 22065533-00 | 22065533-12   |       | 3000K HQ - 782lm - CRI>95 - 60° |

### Sun T - 4000K - CRI>95 - high quality

| LED | colour | weight | CLD         | CLD-D (1-10V) | W tot | LUMEN OUTPUT (tq= 25 °C)        |
|-----|--------|--------|-------------|---------------|-------|---------------------------------|
|     |        |        | code        | code          |       | K - ølm - CRI - degrees         |
| COB | white  | 0,30   | 22065510-00 | 22065510-12   | 9     | 4000K HQ - 901lm - CRI>95 - 25° |
|     |        |        | 22065515-00 | 22065515-12   |       | 4000K HQ - 901lm - CRI>95 - 40° |
|     |        |        | 22065511-00 | 22065511-12   |       | 4000K HQ - 830lm - CRI>95 - 60° |
| COB | black  | 0,30   | 22065530-00 | 22065530-12   | 9     | 4000K HQ - 901lm - CRI>95 - 25° |
|     |        |        | 22065535-00 | 22065535-12   |       | 4000K HQ - 901lm - CRI>95 - 40° |
|     |        |        | 22065531-00 | 22065531-12   |       | 4000K HQ - 830lm - CRI>95 - 60° |



| Safety cord                                                                                  |
|----------------------------------------------------------------------------------------------|
| 22004112-00                                                                                  |
| Steel safety cord, to be used for safety installation of the fixtures inside false ceilings. |



| EM power kit                                            |             |
|---------------------------------------------------------|-------------|
| 1h                                                      | 22096015-00 |
| 3h                                                      | 22096033-00 |
| EM (emergency) lamp power kit complete with connectors. |             |

High-efficiency light **LED HIGH QUALITY** sources (CRI>95). The LED series was designed with a new technology that ensures uniform colour saturation. This is why these lamps are particularly suited in settings where reflections, transparencies, good colour and white quality are very important.

#### Light evolution

Compared to a conventional light source, the LED **HIGH QUALITY** series ensures perfectly saturated colours and is capable of representing the entire range of hues. In addition, this product is ideal to display the texture of objects and improves the viewer's overall impression of the illuminated object.

#### Much more vividness for LED lighting

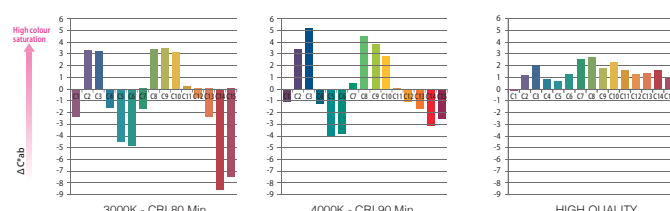
In addition to LEDs that allow high colour rendering indexes, the market is also demanding LEDs capable of enhancing the colours of objects, making them look more vivid and bright.

#### Colour Saturation

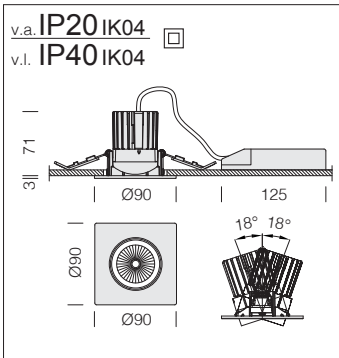
The LED **HIGH QUALITY** series was developed based on a new parameter of "Colour Saturation", so that an illuminated object appears more beautiful in the visible light domain.

#### Evaluation of colour saturation

The LED **HIGH QUALITY** source maintains the  $\Delta C^*ab$  value in the positive zone, so as to bring out the original colours of the illuminated object.



$\Delta C^*ab$  is an index that represents the chroma difference.

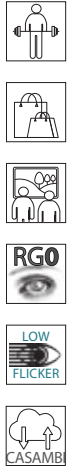
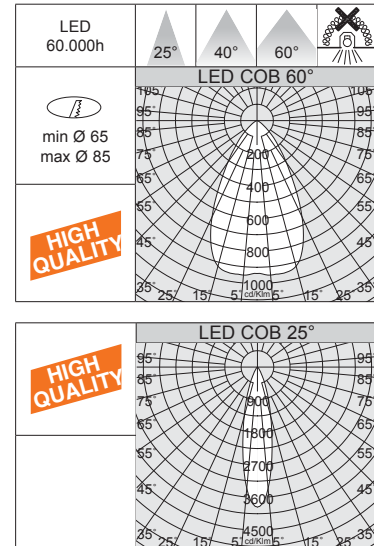
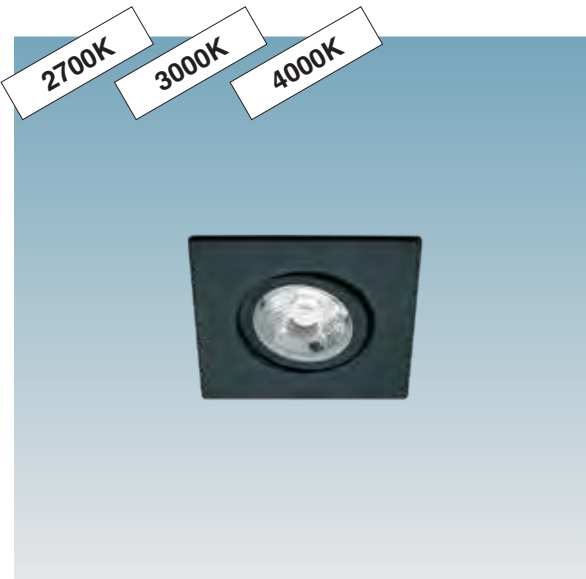


**Housing:** in die-cast aluminium with spring clips for recessed mounting.

**Lens:** in PMMA with high efficiency output and very low glare rate.

**LED:** luminous flux maintenance 90%: 60.000h (L90B10). Power factor >0.9.

**Upon request:** available DIMM-DALI (-1241) version.



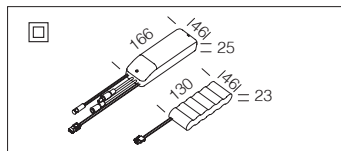
| Sun Q - 2700K - CRI>95 - high quality |        |        |             |                       |       |                                                     |
|---------------------------------------|--------|--------|-------------|-----------------------|-------|-----------------------------------------------------|
| LED                                   | colour | weight | CLD<br>code | CLD-D (1-10V)<br>code | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |
| COB                                   | white  | 0,30   | 22066615-00 | 22066615-12           | 9     | 2700K HQ - 788lm - CRI>95 - 25°                     |
|                                       |        |        | 22066617-00 | 22066617-12           |       | 2700K HQ - 788lm - CRI>95 - 40°                     |
|                                       |        |        | 22066616-00 | 22066616-12           |       | 2700K HQ - 735lm - CRI>95 - 60°                     |
| COB                                   | black  | 0,30   | 22066635-00 | 22066635-12           | 9     | 2700K HQ - 788lm - CRI>95 - 25°                     |
|                                       |        |        | 22066637-00 | 22066637-12           |       | 2700K HQ - 788lm - CRI>95 - 40°                     |
|                                       |        |        | 22066636-00 | 22066636-12           |       | 2700K HQ - 735lm - CRI>95 - 60°                     |

| Sun Q - 3000K - CRI>95 - high quality |        |        |             |                       |       |                                                     |
|---------------------------------------|--------|--------|-------------|-----------------------|-------|-----------------------------------------------------|
| LED                                   | colour | weight | CLD<br>code | CLD-D (1-10V)<br>code | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |
| COB                                   | white  | 0,30   | 22065812-00 | 22065812-12           | 9     | 3000K HQ - 850lm - CRI>95 - 25°                     |
|                                       |        |        | 22065814-00 | 22065814-12           |       | 3000K HQ - 850lm - CRI>95 - 40°                     |
|                                       |        |        | 22065813-00 | 22065813-12           |       | 3000K HQ - 782lm - CRI>95 - 60°                     |
| COB                                   | black  | 0,30   | 22065832-00 | 22065832-12           | 9     | 3000K HQ - 850lm - CRI>95 - 25°                     |
|                                       |        |        | 22065831-00 | 22065831-12           |       | 3000K HQ - 850lm - CRI>95 - 40°                     |
|                                       |        |        | 22065833-00 | 22065833-12           |       | 3000K HQ - 782lm - CRI>95 - 60°                     |

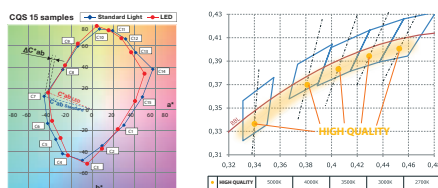
| Sun Q - 4000K - CRI>95 - high quality |        |        |             |                       |       |                                                     |
|---------------------------------------|--------|--------|-------------|-----------------------|-------|-----------------------------------------------------|
| LED                                   | colour | weight | CLD<br>code | CLD-D (1-10V)<br>code | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |
| COB                                   | white  | 0,30   | 22065810-00 | 22065810-12           | 9     | 4000K HQ - 901lm - CRI>95 - 25°                     |
|                                       |        |        | 22065815-00 | 22065815-12           |       | 4000K HQ - 901lm - CRI>95 - 40°                     |
|                                       |        |        | 22065811-00 | 22065811-12           |       | 4000K HQ - 830lm - CRI>95 - 60°                     |
| COB                                   | black  | 0,30   | 22065830-00 | 22065830-12           | 9     | 4000K HQ - 901lm - CRI>95 - 25°                     |
|                                       |        |        | 22065834-00 | 22065834-12           |       | 4000K HQ - 901lm - CRI>95 - 40°                     |
|                                       |        |        | 22065835-00 | 22065835-12           |       | 4000K HQ - 830lm - CRI>95 - 60°                     |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.



15 colours in the Colour Quality Scale (CQS) measured by the CIELAB allow the measurement of the saturation of colours against a standard lighting source.



In different commercial sectors, lighting systems should meet specific requirements, such as for example, emphasise the colour of food or create the right setting for displaying garments, household articles as well as the most exclusive items.

| VERSION        | CATEGORY                                                                                    | CHARACTERISTICS                                                                                                                                                                                       |
|----------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2700K - CRI>95 | Bread, bakery, cheese and dairy products                                                    | Warm golden light enhances the feeling of freshly made bread and makes cheese and dairy products look more inviting.                                                                                  |
| 3000K - CRI>95 | Meat and meat products, fresh fruit and vegetable, clothing, household items and appliances | White warm light enhances the reds of meats and makes fruit and vegetables look fresher, displaying more saturated colours, enhancing the appearance and the characteristics of the wares on display. |
| 4000K - CRI>95 | Fish and shellfish, jewellery, showrooms                                                    | Cold white light makes whites look cleaner and brighter, eliminating the yellowing effect of conventional LED lamps and enhancing the human eye's perception of "pure white".                         |





Range of adjustable recessed spotlights for stores, homes and accommodation facilities. Their LED sources allow considerable energy savings and excellent quality light emission.

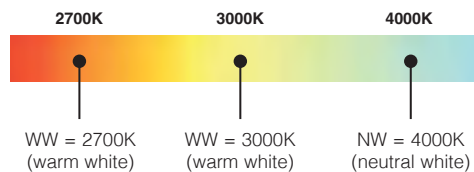
**Housing:** in die cast aluminium, adjustable with spring clips for recessed mounting.

**Lens:** in PMMA with high efficiency output and very low glare rate.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.9.

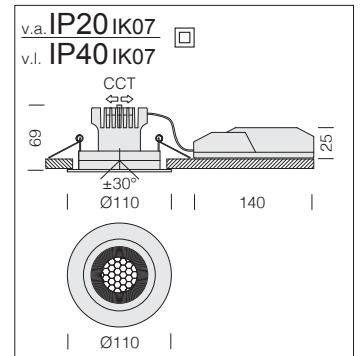
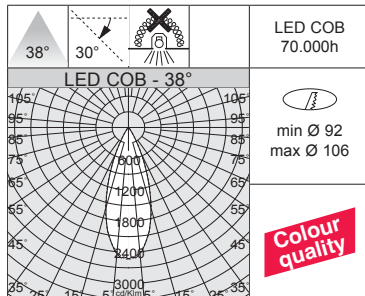


The main feature of this luminaire is the "colour-changing" technology: with the built-in selector switch positioned on the fixture's body, you can choose the desired colour temperature (2700K-3000K-4000K), adjusting its emission to most lighting installations.



#### Interchangeable LED module precision lens

|                                                                |             |             |             |             |
|----------------------------------------------------------------|-------------|-------------|-------------|-------------|
|                                                                |             |             |             |             |
| 20°                                                            | 26°         | 60°         | ASYMMETRIC  | ELLIPTICAL  |
| 22029020-00                                                    | 22029026-00 | 22029060-00 | 22029070-00 | 22029080-00 |
| Interchangeable LED module lens, ideal for precision lighting. |             |             |             |             |

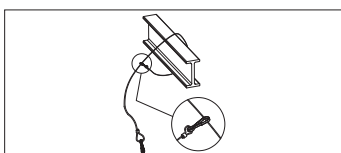


| Fenix 1 - CCT / DIP SWITCH                         |        |        |             |       |       |                              |
|----------------------------------------------------|--------|--------|-------------|-------|-------|------------------------------|
|                                                    |        | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C)     |
| LED                                                | colour | weight | code        | I out | W tot | K - ølm - CRI - degrees      |
| COB                                                | white  | 0,40   | 22068413-00 | 250   | 10    | 2700K - 618lm - CRI>90 - 38° |
|                                                    |        |        |             |       |       | 3000K - 684lm - CRI>90 - 38° |
|                                                    |        |        |             |       |       | 4000K - 706lm - CRI>90 - 38° |
| COB                                                | black  | 0,40   | 22068433-39 | 250   | 10    | 2700K - 618lm - CRI>90 - 38° |
|                                                    |        |        |             |       |       | 3000K - 684lm - CRI>90 - 38° |
|                                                    |        |        |             |       |       | 4000K - 706lm - CRI>90 - 38° |
| Upon request: DIMM DALI (-1241 and -3941) version. |        |        |             |       |       |                              |

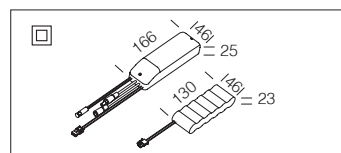
| DIP SWITCH SETTING       |       |                              |
|--------------------------|-------|------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                              |
| I out                    | W tot | K - ølm - CRI - degrees      |
| 200                      | 8     | 2700K - 504lm - CRI>90 - 38° |
| 250                      | 10    | 2700K - 618lm - CRI>90 - 38° |
| 300                      | 12    | 2700K - 720lm - CRI>90 - 38° |
| 350                      | 14    | 2700K - 806lm - CRI>90 - 38° |

| DIP SWITCH SETTING       |       |                              |
|--------------------------|-------|------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                              |
| I out                    | W tot | K - ølm - CRI - degrees      |
| 200                      | 8     | 3000K - 557lm - CRI>90 - 38° |
| 250                      | 10    | 3000K - 684lm - CRI>90 - 38° |
| 300                      | 12    | 3000K - 796lm - CRI>90 - 38° |
| 350                      | 14    | 3000K - 891lm - CRI>90 - 38° |

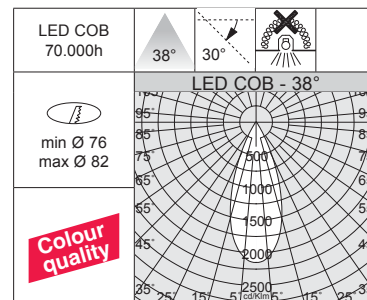
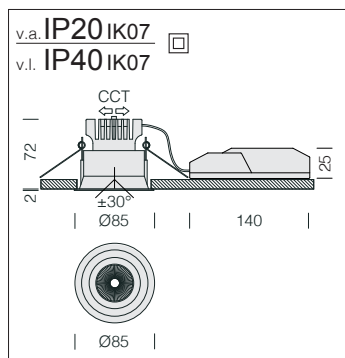
| DIP SWITCH SETTING       |       |                              |
|--------------------------|-------|------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                              |
| I out                    | W tot | K - ølm - CRI - degrees      |
| 200                      | 8     | 4000K - 575lm - CRI>90 - 38° |
| 250                      | 10    | 4000K - 706lm - CRI>90 - 38° |
| 300                      | 12    | 4000K - 821lm - CRI>90 - 38° |
| 350                      | 14    | 4000K - 919lm - CRI>90 - 38° |



| Safety cord                                                                                  |
|----------------------------------------------------------------------------------------------|
| 22004112-00                                                                                  |
| Steel safety cord, to be used for safety installation of the fixtures inside false ceilings. |



| EM power kit                                            |             |
|---------------------------------------------------------|-------------|
| 1h                                                      | 22096015-00 |
| 3h                                                      | 22096033-00 |
| EM (emergency) lamp power kit complete with connectors. |             |

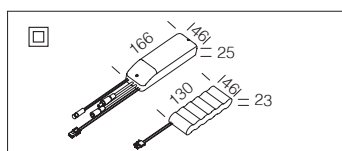


| Fenix 2 - CCT / DIP SWITCH |        |        |             |                          |       |
|----------------------------|--------|--------|-------------|--------------------------|-------|
| LED                        | colour | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |
|                            |        | weight | code        | I out                    | W tot |
| COB                        | white  | 0,30   | 22068513-00 | 250                      | 10    |
|                            |        |        |             |                          |       |
|                            |        |        |             |                          |       |

Upon request: DIMM DALI (-1241) version.

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

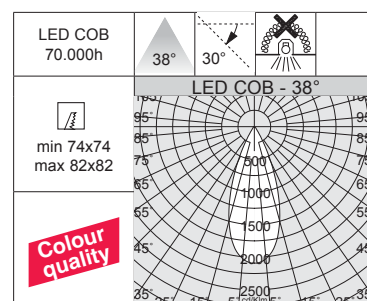
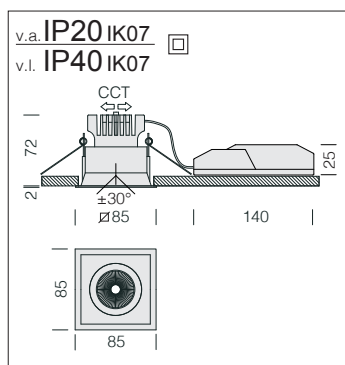
EM (emergency) lamp power kit complete with connectors.



| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |



| Fenix 3 - CCT / DIP SWITCH |        |        |             |                          |       |
|----------------------------|--------|--------|-------------|--------------------------|-------|
| LED                        | colour | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |
|                            |        | weight | code        | I out                    | W tot |
| COB                        | white  | 0,40   | 22068613-00 | 250                      | 10    |
|                            |        |        |             |                          |       |
|                            |        |        |             |                          |       |

Upon request: DIMM DALI (-1241) version.

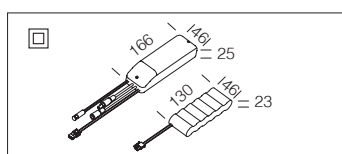
| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

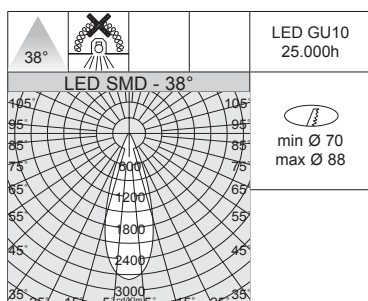
| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 200                      | 8     |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

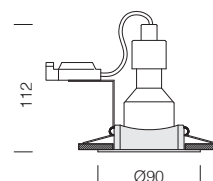
| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.





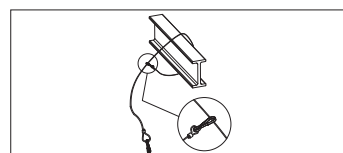
IP20 IK04



**Housing:** fixed downlight in die cast aluminium complete with spring clips for recessed mounting.

**LED:** luminous flux maintenance L70B50: 25.000h.

| Sirio |        |        |             |                          |                              |
|-------|--------|--------|-------------|--------------------------|------------------------------|
|       |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                              |
| LED   | colour | weight | code        | W tot                    | K - ølm - CRI - degrees      |
| SMD   | white  | 0,20   | 22068715-00 | 9                        | 3000K - 700lm - CRI 80 - 38° |



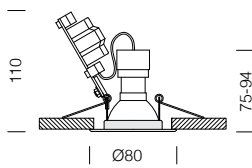
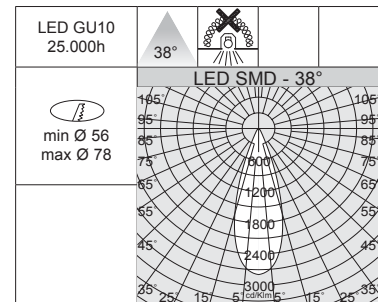
#### Safety cord

22004112-00

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.



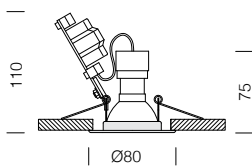
IP20 IK04

**Housing:** made of sheet steel.**LED:** luminous flux maintenance L70B50: 25.000h.

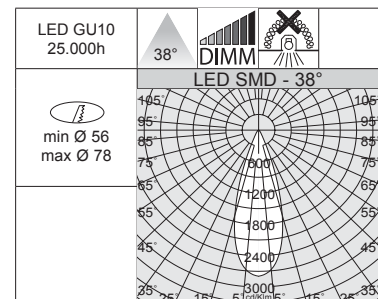
## Eco Deimos

| Eco Deimos |           |        |             |       |                              |
|------------|-----------|--------|-------------|-------|------------------------------|
| LED        | colour    | CLD    |             | W tot | LUMEN OUTPUT (tq= 25 °C)     |
|            |           | weight | code        |       | K - ølm - CRI - degrees      |
| SMD        | white     | 0,20   | 22068310-00 | 6     | 3000K - 600lm - CRI 80 - 38° |
|            | m. silver |        | 22068370-00 |       |                              |
|            | black     |        | 22068330-00 |       |                              |
|            | chrome    |        | 22068360-00 |       |                              |
|            | gold p.   |        | 22068390-00 |       |                              |
| SMD        | white     | 0,20   | 22068315-00 | 9     | 3000K - 700lm - CRI 80 - 38° |
|            | m. silver |        | 22068375-00 |       |                              |
|            | black     |        | 22068335-00 |       |                              |
|            | chrome    |        | 22068365-00 |       |                              |
|            | gold p.   |        | 22068395-00 |       |                              |

IP20 IK04



These small-size, have the advantage of requiring very basic maintenance. Very good value. Ideal for transit areas.

**Housing:** made of sheet steel.**LED:** luminous flux maintenance L70B50: 25.000h.

## Eco Deimos - DIMM

| Eco Deimos - DIMM |           |              |             |       |                              |
|-------------------|-----------|--------------|-------------|-------|------------------------------|
| LED               | colour    | CLD-D (IGBT) |             | W tot | LUMEN OUTPUT (tq= 25 °C)     |
|                   |           | weight       | code        |       | K - ølm - CRI - degrees      |
| SMD               | white     | 0,20         | 22068311-12 | 7     | 3000K - 655lm - CRI 80 - 38° |
|                   | m. silver |              | 22068371-12 |       |                              |
|                   | black     |              | 22068331-12 |       |                              |
|                   | chrome    |              | 22068361-12 |       |                              |
|                   | gold p.   |              | 22068391-12 |       |                              |

Dimmable version phase cutting IGBT dimming.



**LED:** luminous flux maintenance 70%: 25.000h (L70B50).  
Power factor 0.7.

| Eco Janus - CCT SWITCH |        |        |                      |       |                              |
|------------------------|--------|--------|----------------------|-------|------------------------------|
|                        |        | CLD    |                      |       | LUMEN OUTPUT (tq= 25 °C)     |
| LED                    | colour | weight | code                 | W tot | K - ølm - CRI - degrees      |
| SMD                    | white  | 0,10   | 220 <b>63213</b> -00 | 6     | 3000K - 534lm - CRI≥80 - 38° |
|                        |        |        |                      |       | 4000K - 598lm - CRI≥80 - 38° |
|                        |        |        |                      |       | 6500K - 563lm - CRI≥80 - 38° |
| SMD                    | black  | 0,10   | 220 <b>63234</b> -00 | 6     | 3000K - 534lm - CRI≥80 - 38° |
|                        |        |        |                      |       | 4000K - 598lm - CRI≥80 - 38° |
|                        |        |        |                      |       | 6500K - 563lm - CRI≥80 - 38° |



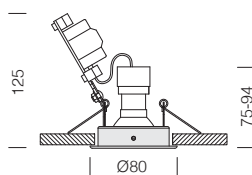
3000K                      4000K                      6500K

WW = 3000K (warm white)      NW = 4000K (neutral white)      CW = 6500K (cold white)



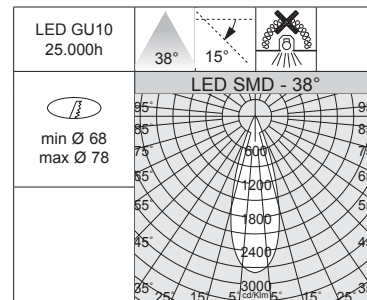
**Upon request:** terminal block for double insulation electrical wiring with the possibility for loop-in connection.

IP20 IK04



**Housing:** made of sheet steel, adjustable ideal for transit areas.

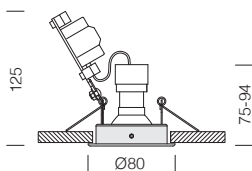
**LED:** luminous flux maintenance 70%: 25.000h (L70B50).



## Eco Janus

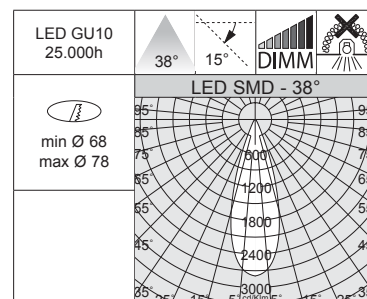
|     |           | CLD    |             | W tot | LUMEN OUTPUT (tq= 25 °C)     |
|-----|-----------|--------|-------------|-------|------------------------------|
| LED | colour    | weight | code        |       | K - ølm - CRI - degrees      |
| SMD | white     | 0,20   | 22068110-00 | 6     | 3000K - 600lm - CRI 80 - 38° |
|     | m. silver |        | 22068170-00 |       |                              |
|     | black     |        | 22068130-00 |       |                              |
|     | chrome    |        | 22068160-00 |       |                              |
|     | gold p.   |        | 22068190-00 |       |                              |
| SMD | white     | 0,20   | 22068115-00 | 9     | 3000K - 700lm - CRI 80 - 38° |
|     | m. silver |        | 22068175-00 |       |                              |
|     | black     |        | 22068135-00 |       |                              |
|     | chrome    |        | 22068165-00 |       |                              |
|     | gold p.   |        | 22068195-00 |       |                              |

IP20 IK04



**Housing:** made of sheet steel, adjustable ideal for transit areas.

**LED:** luminous flux maintenance 70%: 25.000h (L70B50).



## Eco Janus - DIMM

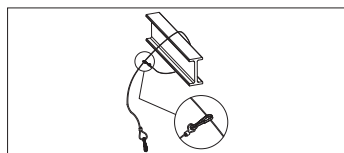
|     |           | CLD-D (IGBT) |             | W tot | LUMEN OUTPUT (tq= 25 °C)     |
|-----|-----------|--------------|-------------|-------|------------------------------|
| LED | colour    | weight       | code        |       | K - ølm - CRI - degrees      |
| SMD | white     | 0,20         | 22063212-00 | 7     | 3000K - 655lm - CRI 80 - 38° |
|     | m. silver |              | 22063271-00 |       |                              |
|     | black     |              | 22063233-00 |       |                              |
|     | chrome    |              | 22063264-00 |       |                              |
|     | gold p.   |              | 22063291-00 |       |                              |

Dimmable version phase cutting IGBT dimming.

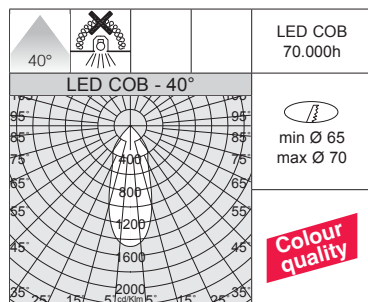
## Safety cord

22004112-00

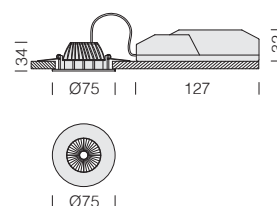
Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.







|      |           |                                                                                     |
|------|-----------|-------------------------------------------------------------------------------------|
| v.a. | IP20 IK07 |  |
| v.l. | IP44 IK07 |                                                                                     |

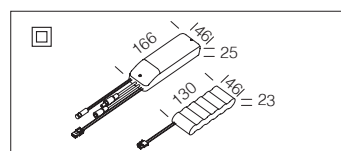


**Housing:** made of die-cast aluminium complete with spring clips for recessed mounting.

**Reflector:** high-efficiency metallised polycarbonate.

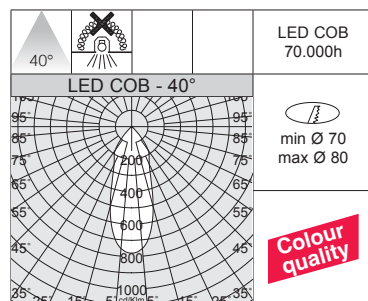
**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.9.

| Marte 8 |        |        |             |       |                                     |
|---------|--------|--------|-------------|-------|-------------------------------------|
|         |        | CLD    |             |       | LUMEN OUTPUT (tq= 25 °C)            |
| LED     | colour | weight | code        | W tot | K - ølm - CRI - degrees             |
| COB     | white  | 0,20   | 22061818-68 | 5     | 4000K - 517lm - <b>CRI 92</b> - 40° |
|         |        |        | 22061818-00 |       | 3000K - 483lm - <b>CRI 92</b> - 40° |

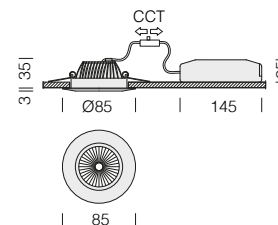


| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.



v.i. **IP20 IK07**  
v.e. **IP65 IK07**



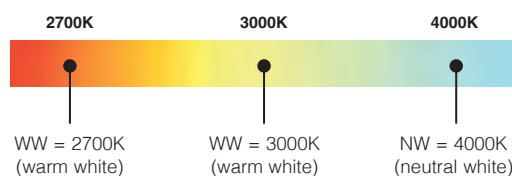
**Reflector:** high-efficiency metallised polycarbonate.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.9.

| Marte 4 - CCT / DIP SWITCH |        |        |             |       |       |                                                                                                                           |
|----------------------------|--------|--------|-------------|-------|-------|---------------------------------------------------------------------------------------------------------------------------|
|                            |        | CLD    |             | I out | W tot | LUMEN OUTPUT (tq= 25 °C)                                                                                                  |
| LED                        | colour | weight | code        |       |       | K - ølm - CRI - degrees                                                                                                   |
| COB                        | white  | 0,30   | 22061808-00 | 140   | 6     | 2700K - 468lm - <b>CRI 92</b> - 40°  |
|                            |        |        |             |       |       | 3000K - 504lm - <b>CRI 92</b> - 40°  |
|                            |        |        |             |       |       | 4000K - 522lm - <b>CRI 92</b> - 40°  |



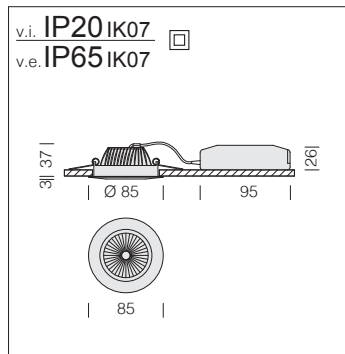
The main feature of this luminaire is the "colour-changing" technology: with the built-in selector switch positioned on the fixture's body, you can choose the desired colour temperature (2700K-3000K-4000K), adjusting its emission to most lighting installations.



| DIP SWITCH SETTING       |       |                                     |
|--------------------------|-------|-------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                     |
| I out                    | W tot | K - ølm - CRI - degrees             |
| 90                       | 4     | 2700K - 306lm - <b>CRI 92</b> - 40° |
| 140                      | 6     | 2700K - 468lm - <b>CRI 92</b> - 40° |
| 190                      | 7     | 2700K - 612lm - <b>CRI 92</b> - 40° |
| 240                      | 9     | 2700K - 756lm - <b>CRI 92</b> - 40° |

| DIP SWITCH SETTING       |       |                                     |
|--------------------------|-------|-------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                     |
| I out                    | W tot | K - ølm - CRI - degrees             |
| 90                       | 4     | 3000K - 333lm - <b>CRI 92</b> - 40° |
| 140                      | 6     | 3000K - 504lm - <b>CRI 92</b> - 40° |
| 190                      | 7     | 3000K - 675lm - <b>CRI 92</b> - 40° |
| 240                      | 9     | 3000K - 846lm - <b>CRI 92</b> - 40° |

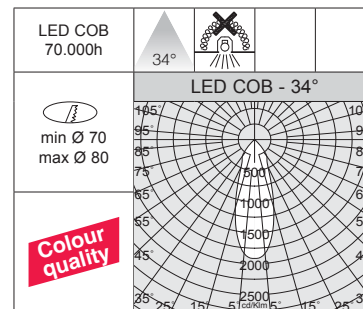
| DIP SWITCH SETTING       |       |                                     |
|--------------------------|-------|-------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                     |
| I out                    | W tot | K - ølm - CRI - degrees             |
| 90                       | 4     | 4000K - 351lm - <b>CRI 92</b> - 40° |
| 140                      | 6     | 4000K - 522lm - <b>CRI 92</b> - 40° |
| 190                      | 7     | 4000K - 702lm - <b>CRI 92</b> - 40° |
| 240                      | 9     | 4000K - 873lm - <b>CRI 92</b> - 40° |



**Housing:** made of die-cast aluminium complete with spring clips for recessed mounting.

**Reflector:** high-efficiency metallised polycarbonate.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.9.



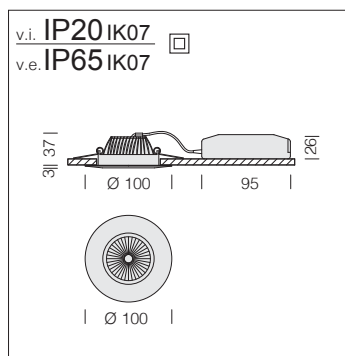
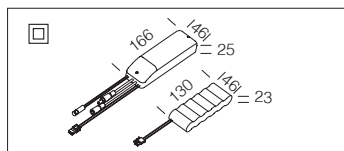
**Equipment:** silicone rubber protection gasket compliant with French low-energy building standards (**BBC**).

**Standards:** manufactured pursuant to EN 60598-1-CEI 34.21 and with a degree of protection pursuant to EN 60529.



| Marte 4 |        |        |                     |       |                                     |
|---------|--------|--------|---------------------|-------|-------------------------------------|
|         |        | CLD    |                     |       | LUMEN OUTPUT (tq= 25 °C)            |
| LED     | colour | weight | code                | W tot | K - ølm - CRI - degrees             |
| COB     | white  | 0,20   | 220 <b>61810-68</b> | 5     | 4000K - 515lm - <b>CRI 92</b> - 34° |
|         |        |        | 220 <b>61810-00</b> |       | 3000K - 481lm - <b>CRI 92</b> - 34° |

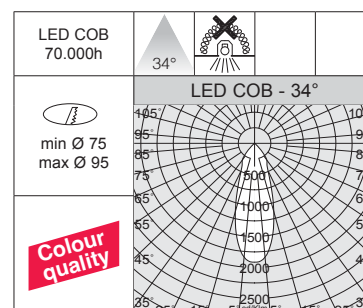
| EM power kit                                            |             |
|---------------------------------------------------------|-------------|
| 1h                                                      | 22096015-00 |
| 3h                                                      | 22096033-00 |
| EM (emergency) lamp power kit complete with connectors. |             |



**Housing:** made of die-cast aluminium complete with spring clips for recessed mounting.

**Reflector:** high-efficiency metallised polycarbonate.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.9.



**Equipment:** silicone rubber protection gasket compliant with French low-energy building standards (**BBC**).

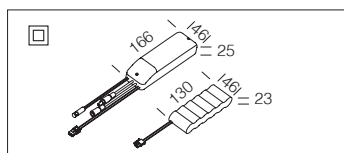
**Standards:** manufactured pursuant to EN 60598-1-CEI 34.21 and with a degree of protection pursuant to EN 60529.



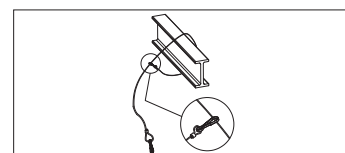
| Marte 5 |        |        |             |       |                              |
|---------|--------|--------|-------------|-------|------------------------------|
|         |        | CLD    |             |       | LUMEN OUTPUT (tq= 25 °C)     |
| LED     | colour | weight | code        | W tot | K - ølm - CRI - degrees      |
| COB     | white  | 0,20   | 22061811-68 | 6     | 4000K - 687lm - CRI 92 - 34° |
|         |        |        | 22061811-00 |       | 3000K - 642lm - CRI 92 - 34° |

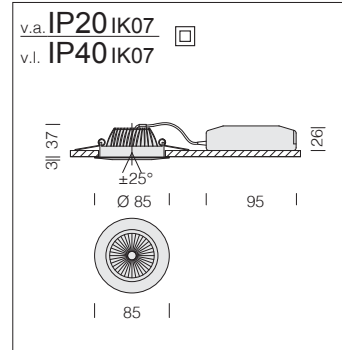
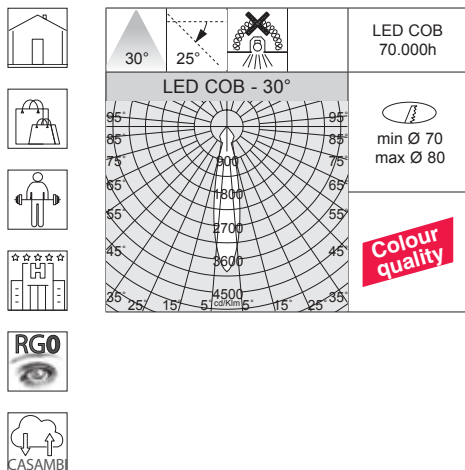
| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.



|                                                                                              |
|----------------------------------------------------------------------------------------------|
| <b>Safety cord</b>                                                                           |
| 2200 <b>4112</b> -00                                                                         |
| Steel safety cord, to be used for safety installation of the fixtures inside false ceilings. |





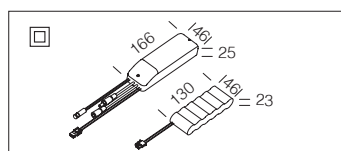
**Housing:** made of die-cast aluminium complete with spring clips for recessed mounting.

**Reflector:** high-efficiency metallised polycarbonate.

**Adjustable:** ideal to light up walls or decor items.

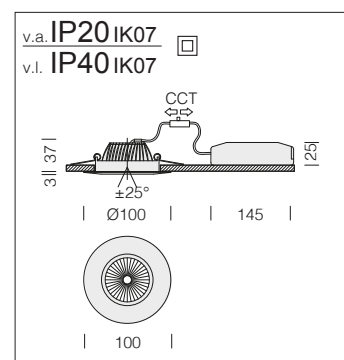
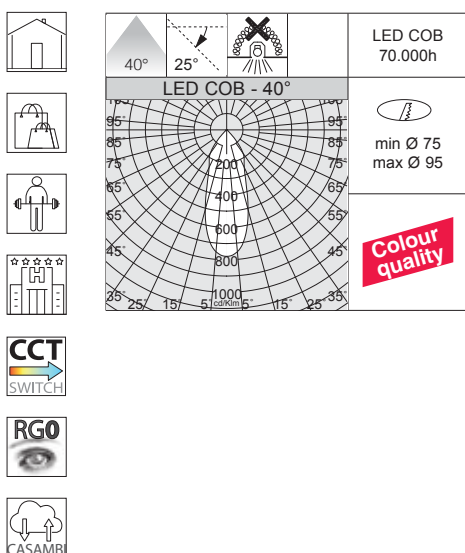
**LED:** luminous flux maintenance 80% 70.000h (L80B10). Power factor >0.9.

| Marte 6 |        |        |             |       |                              |
|---------|--------|--------|-------------|-------|------------------------------|
| LED     | colour | weight | CLD         |       | LUMEN OUTPUT (tq= 25 °C)     |
|         |        |        | code        | W tot |                              |
| COB     | white  | 0,20   | 22061813-68 | 5     | 4000K - 515lm - CRI 92 - 30° |
|         |        |        | 22061813-00 |       | 3000K - 481lm - CRI 92 - 30° |



| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.



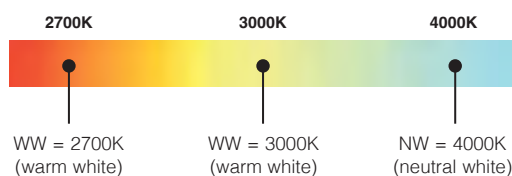
**Reflector:** high-efficiency metallised polycarbonate.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.9.

| Marte 7 - CCT / DIP SWITCH |        |        |             |       |                          |
|----------------------------|--------|--------|-------------|-------|--------------------------|
| LED                        | colour | weight | CLD         |       | LUMEN OUTPUT (tq= 25 °C) |
|                            |        |        | code        | I out | W tot                    |
| COB                        | white  | 0,30   | 22061809-00 | 140   | 6                        |
|                            |        |        |             |       |                          |
|                            |        |        |             |       |                          |
|                            |        |        |             |       |                          |



The main feature of this luminaire is the "colour-changing" technology: with the built-in selector switch positioned on the fixture's body, you can choose the desired colour temperature (2700K-3000K-4000K), adjusting its emission to most lighting installations.



| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)     |  |
|--------------------|-------|------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees      |  |
| 90                 | 4     | 2700K - 324lm - CRI 92 - 40° |  |
| 140                | 6     | 2700K - 495lm - CRI 92 - 40° |  |
| 190                | 7     | 2700K - 648lm - CRI 92 - 40° |  |
| 240                | 9     | 2700K - 801lm - CRI 92 - 40° |  |

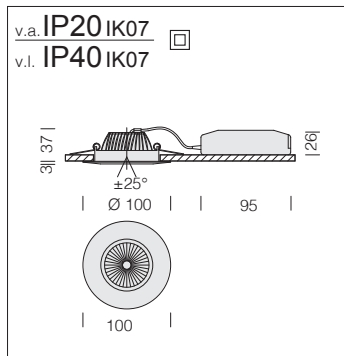
  

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)     |  |
|--------------------|-------|------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees      |  |
| 90                 | 4     | 3000K - 351lm - CRI 92 - 40° |  |
| 140                | 6     | 3000K - 540lm - CRI 92 - 40° |  |
| 190                | 7     | 3000K - 711lm - CRI 92 - 40° |  |
| 240                | 9     | 3000K - 891lm - CRI 92 - 40° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)     |  |
|--------------------|-------|------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees      |  |
| 90                 | 4     | 4000K - 369lm - CRI 92 - 40° |  |
| 140                | 6     | 4000K - 567lm - CRI 92 - 40° |  |
| 190                | 7     | 4000K - 738lm - CRI 92 - 40° |  |
| 240                | 9     | 4000K - 918lm - CRI 92 - 40° |  |



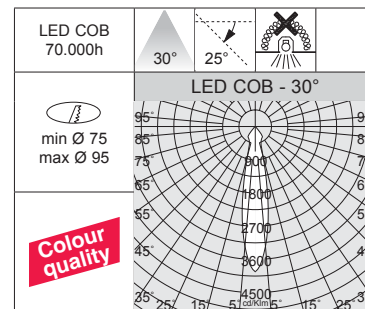


**Housing:** made of die-cast aluminium complete with spring clips for recessed mounting.

**Reflector:** high-efficiency metallised polycarbonate.

**Adjustable:** ideal to light up walls or decor items.

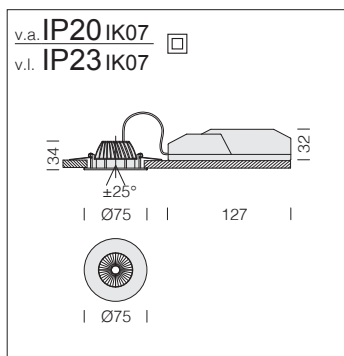
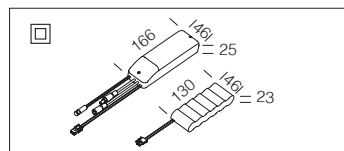
**LED:** luminous flux maintenance 80% 70.000h (L80B10).  
Power factor >0.9.



| Marte 7 |        |        |             |       |                                                     |
|---------|--------|--------|-------------|-------|-----------------------------------------------------|
| LED     | colour | weight | CLD<br>code | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |
| COB     | white  | 0,20   | 22061814-68 | 6     | 4000K - 687lm - CRI 92 - 30°                        |
|         |        |        | 22061814-00 |       | 3000K - 642lm - CRI 92 - 30°                        |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.

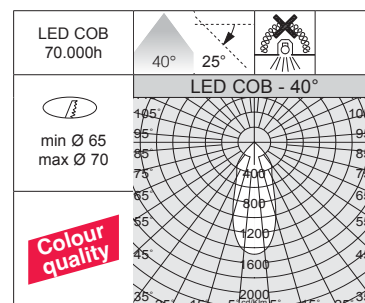


**Housing:** made of die-cast aluminium complete with spring clips for recessed mounting.

**Reflector:** high-efficiency metallised polycarbonate.

**Adjustable:** ideal to light up walls or decor items.

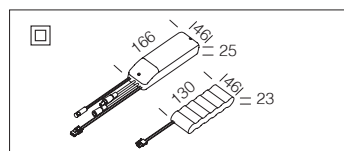
**LED:** luminous flux maintenance 80% 70.000h (L80B10).  
Power factor >0.9.



| Marte 9 |        |        |             |       |                                                     |
|---------|--------|--------|-------------|-------|-----------------------------------------------------|
| LED     | colour | weight | CLD<br>code | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |
| COB     | white  | 0,20   | 22061819-68 | 5     | 4000K - 517lm - CRI 92 - 40°                        |
|         |        |        | 22061819-00 |       | 3000K - 483lm - CRI 92 - 40°                        |

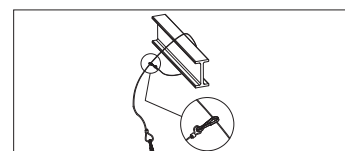
| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

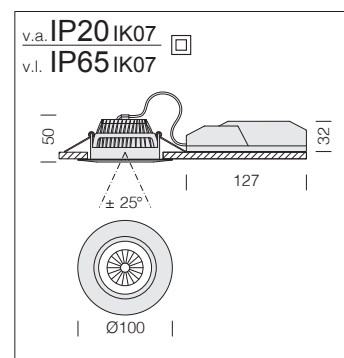
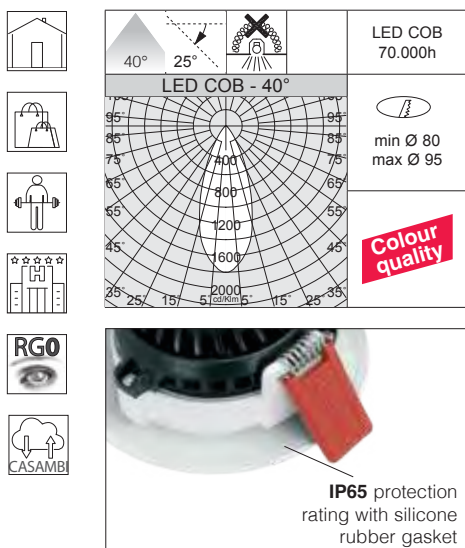
EM (emergency) lamp power kit complete with connectors.



| Safety cord |  |
|-------------|--|
| 22004112-00 |  |

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.





**Housing:** made of die-cast aluminium complete with spring clips for recessed mounting.

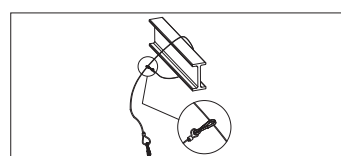
**Lens:** in PMMA with high efficiency output and very low glare rate

**Adjustable:** ideal to light up walls or decor items.

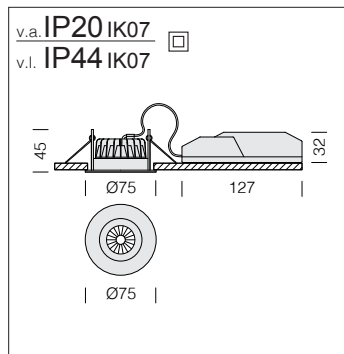
**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.9.

| Marte 12 |        |        |             |       |                                     |
|----------|--------|--------|-------------|-------|-------------------------------------|
| LED      | colour | weight | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C)            |
|          |        |        | code        |       | K - ølm - CRI - degrees             |
| COB      | white  | 0,30   | 22061804-68 | 8     | 4000K - 850lm - <b>CRI 92</b> - 40° |
|          |        |        | 22061804-00 |       | 3000K - 820lm - <b>CRI 92</b> - 40° |

Ideal for bathrooms and healthcare facilities.



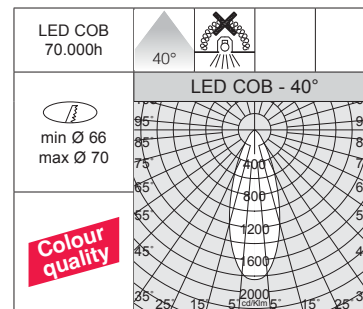
| Safety cord                                                                                  |
|----------------------------------------------------------------------------------------------|
| 22004112-00                                                                                  |
| Steel safety cord, to be used for safety installation of the fixtures inside false ceilings. |



**Housing:** made of die-cast aluminium complete with spring clips for recessed mounting.

**Lens:** in PMMA with high efficiency output and very low glare rate

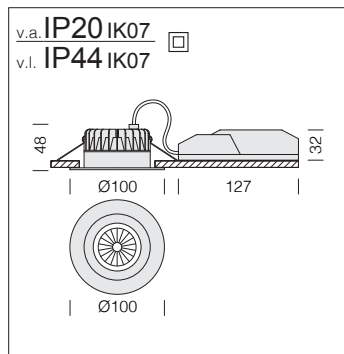
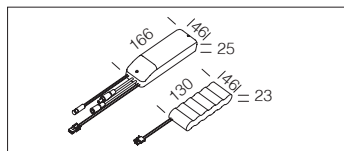
**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.9.



| Marte 10 |        |        |             |       |                              |
|----------|--------|--------|-------------|-------|------------------------------|
| LED      | colour | CLD    |             | W tot | LUMEN OUTPUT (tq= 25 °C)     |
|          |        | weight | code        |       | K - ølm - CRI - degrees      |
| COB      | white  | 0,20   | 22061801-68 | 6     | 4000K - 700lm - CRI 92 - 40° |
|          |        |        | 22061801-00 |       | 3000K - 670lm - CRI 92 - 40° |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

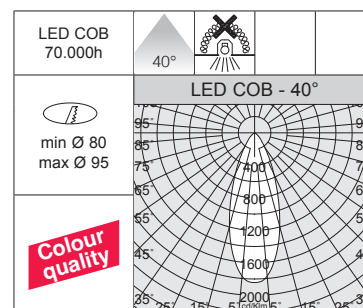
EM (emergency) lamp power kit complete with connectors.



**Housing:** made of die-cast aluminium complete with spring clips for recessed mounting.

**Lens:** in PMMA with high efficiency output and very low glare rate

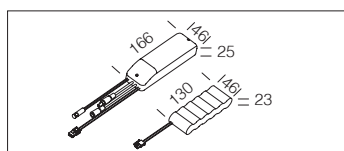
**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.9.



| Marte 11 |        |        |             |       |                              |
|----------|--------|--------|-------------|-------|------------------------------|
| LED      | colour | CLD    |             | W tot | LUMEN OUTPUT (tq= 25 °C)     |
|          |        | weight | code        |       | K - ølm - CRI - degrees      |
| COB      | white  | 0,20   | 22061802-68 | 8     | 4000K - 850lm - CRI 92 - 40° |
|          |        |        | 22061802-00 |       | 3000K - 820lm - CRI 92 - 40° |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.







This series of compact recessed LED spotlights is designed for accent lighting in modern, refined interiors. With their minimalist, easy-to-install design, these spotlights are perfectly suited to smaller spaces, delivering bright, focused lighting without compromising the aesthetic harmony of the environment.

Ideal for highlighting architectural features, artworks, or specific areas within a room, they provide precise, directional lighting with extraordinary energy efficiency. Advanced LED technology ensures a long lifespan and low power consumption, offering both environmental and economic advantages.

**Housing:** in die cast aluminium complete with spring clips for recessed mounting.

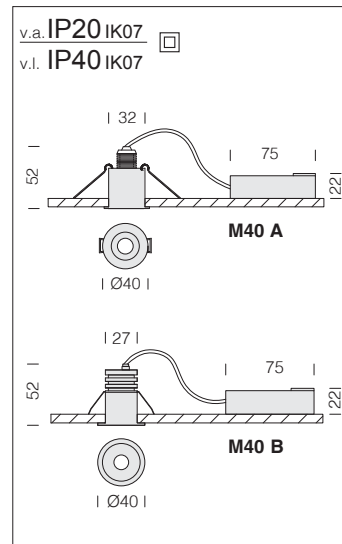
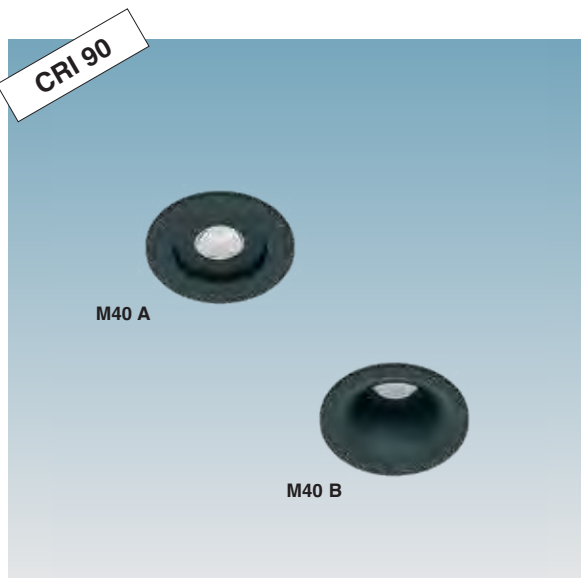
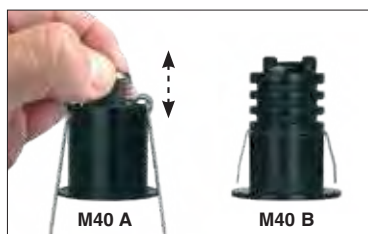
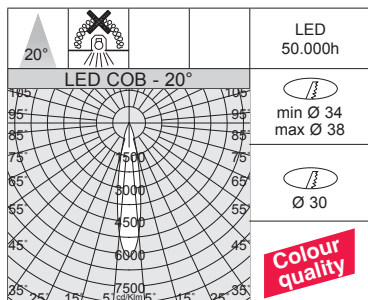
**Lens:** in PMMA with high efficiency output and very low glare rate.

**Coating:** epoxy polyester powder coating resistant to UV rays.



The right lighting and fixture play a vital role in facilitating sales. This is the reason why LED fixtures with a **CRI>90** are being requested. Therefore, the current trend is geared towards the manufacturing of more flexible fixtures, which also emit an excellent quality of light, while guaranteeing remarkable energy savings and lower maintenance costs.

The Colour Rendering Index (**CRI**) indicates how truthfully the artificial light source is able to reproduce the colours of objects. It varies from a range of **0 to 100**, where **0 represents the minimum** and **100 is the maximum**. Daylight is the best source of light from a physiological point of view because it contains the full colour spectrum. Therefore, a lamp with a high colour rendering index is very important to ensure the wellbeing and comfort of the occupants of a room and it is absolutely necessary in rooms where good visibility is required.



| M40 A - fixed |        |        |             |       |                                     |
|---------------|--------|--------|-------------|-------|-------------------------------------|
|               |        |        | CLD         |       | LUMEN OUTPUT (tq= 25 °C)            |
| LED           | colour | weight | code        | W tot | K - ølm - CRI - degrees             |
| LED           | black  | 0,10   | 22031630-00 | 3     | 3000K - 185lm - <b>CRI 90</b> - 20° |

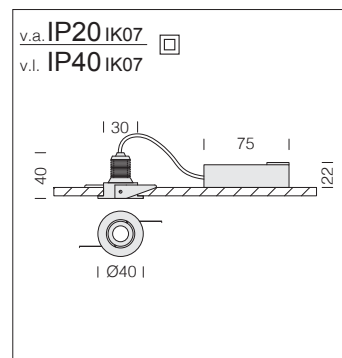
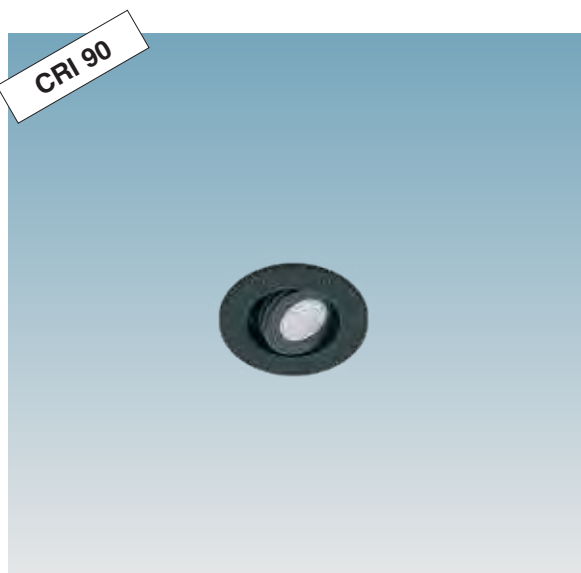
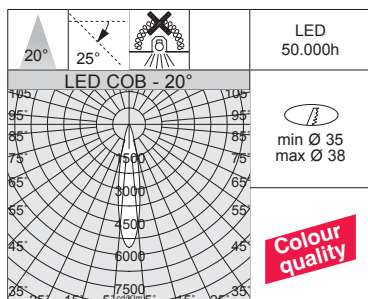
The LED module can be adjusted in height with a simple rotation of the fixture.

| M40 B - fixed |        |        |             |       |                                     |
|---------------|--------|--------|-------------|-------|-------------------------------------|
|               |        |        | CLD         |       | LUMEN OUTPUT (tq= 25 °C)            |
| LED           | colour | weight | code        | W tot | K - ølm - CRI - degrees             |
| LED           | black  | 0,10   | 22031631-00 | 3     | 3000K - 185lm - <b>CRI 90</b> - 20° |

**Housing:** in aluminium complete with spring clips for recessed mounting.

**Lens:** in PMMA with high efficiency output and very low glare rate.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).



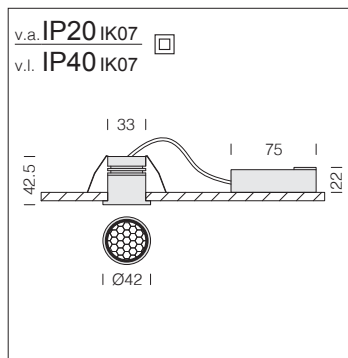
| M40 C - adjustable |        |        |             |       |                                     |
|--------------------|--------|--------|-------------|-------|-------------------------------------|
|                    |        |        | CLD         |       | LUMEN OUTPUT (tq= 25 °C)            |
| LED                | colour | weight | code        | W tot | K - ølm - CRI - degrees             |
| LED                | black  | 0,10   | 22031632-00 | 3     | 3000K - 185lm - <b>CRI 90</b> - 20° |

**Housing:** in aluminium complete with spring clips for recessed mounting.

**Lens:** in PMMA with high efficiency output and very low glare rate.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).

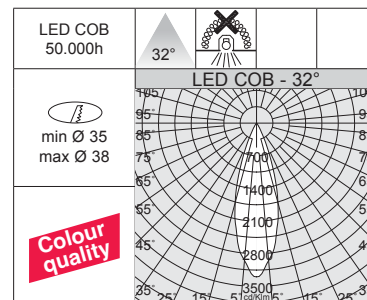
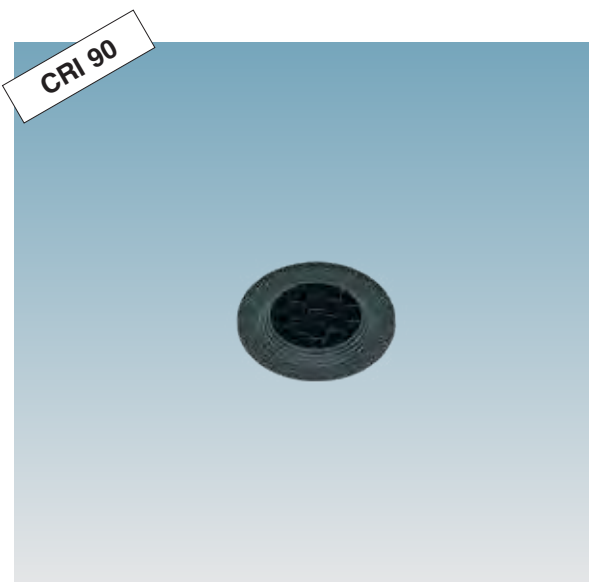




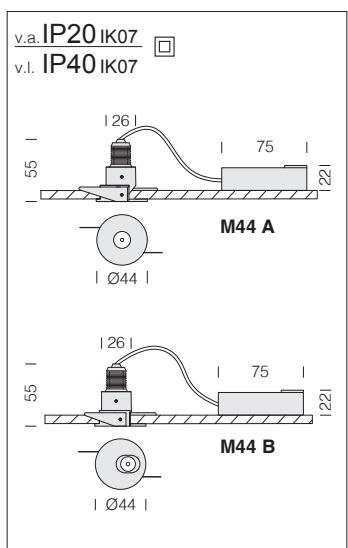
**Housing:** in aluminium complete with spring clips for recessed mounting, equipped with honeycomb screen ideal to reducing glare.

**Lens:** in PMMA with high efficiency output and very low glare rate.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).



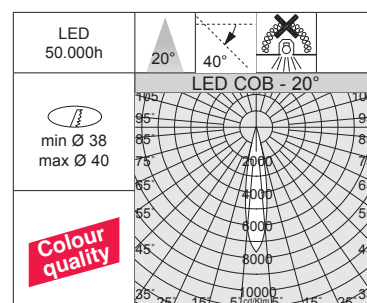
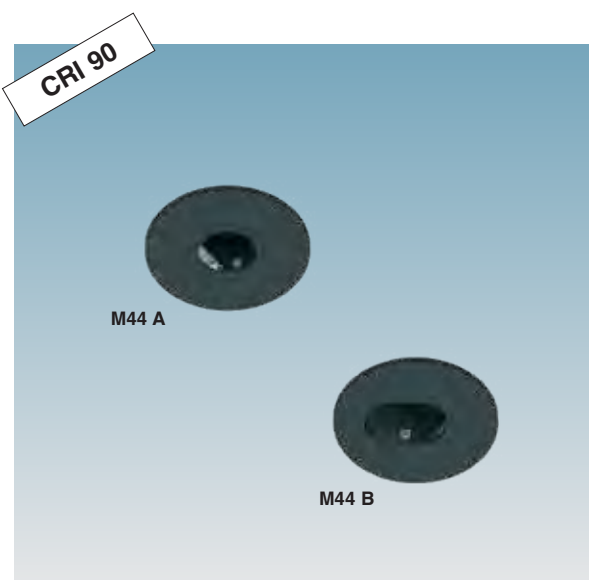
| M42 - with honeycomb screen - fixed |        |        |             |                          |                                    |
|-------------------------------------|--------|--------|-------------|--------------------------|------------------------------------|
|                                     |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                                    |
| LED                                 | colour | weight | code        | W tot                    | K - ølm - CRI - degrees            |
| <b>COB</b>                          | black  | 0,10   | 22032030-00 | <b>3</b>                 | 3000K - 75lm - <b>CRI 90</b> - 32° |



**Housing:** in aluminium complete with spring clips for recessed mounting.

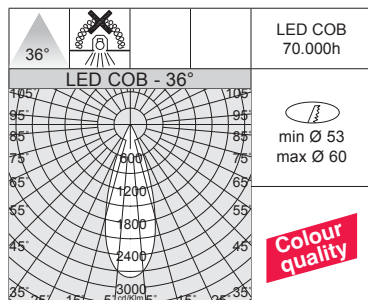
**Lens:** in PMMA with high efficiency output and very low glare rate.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).

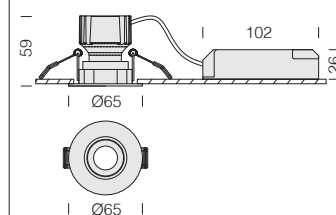


| M44 A - adjustable |        |        |             |                          |                                     |
|--------------------|--------|--------|-------------|--------------------------|-------------------------------------|
|                    |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                                     |
| LED                | colour | weight | code        | W tot                    | K - ølm - CRI - degrees             |
| <b>LED</b>         | black  | 0,10   | 22032130-00 | <b>3</b>                 | 3000K - 145lm - <b>CRI 90</b> - 20° |

| M44 B - asymmetric - adjustable |        |        |             |                          |                                     |
|---------------------------------|--------|--------|-------------|--------------------------|-------------------------------------|
|                                 |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                                     |
| LED                             | colour | weight | code        | W tot                    | K - ølm - CRI - degrees             |
| <b>LED</b>                      | black  | 0,10   | 22032131-00 | <b>3</b>                 | 3000K - 150lm - <b>CRI 90</b> - 19° |



v.a. IP20 IK07  
v.l. IP40 IK07

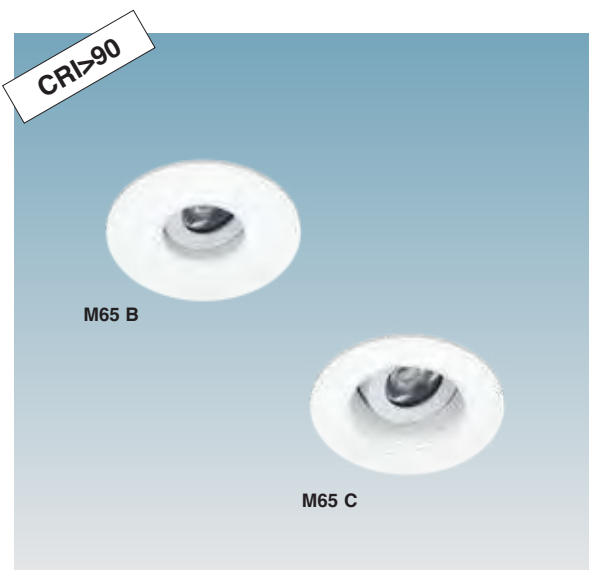
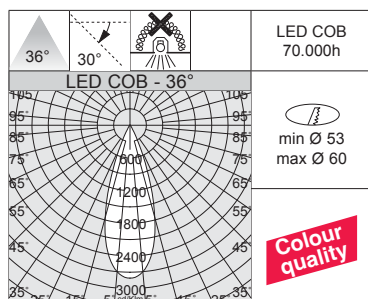


**Housing:** in die cast aluminium complete with spring clips for recessed mounting.

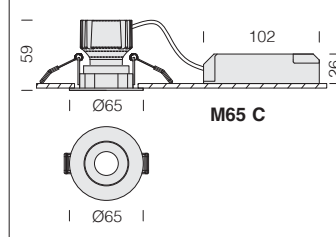
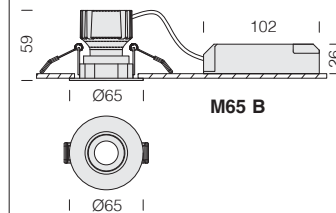
**Lens:** in PMMA with high efficiency output and very low glare rate.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10).

| M65 A - fixe |        |        |             |                          |                              |
|--------------|--------|--------|-------------|--------------------------|------------------------------|
|              |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                              |
| LED          | colour | weight | code        | W tot                    | K - ølm - CRI - degrees      |
| COB          | white  | 0,20   | 22032210-00 | 10                       | 3000K - 825lm - CRI>90 - 36° |



v.a. IP20 IK07  
v.l. IP40 IK07



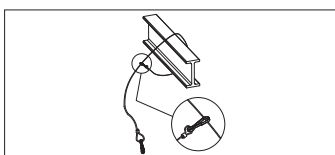
**Housing:** in die cast aluminium complete with spring clips for recessed mounting.

**Lens:** in PMMA with high efficiency output and very low glare rate.

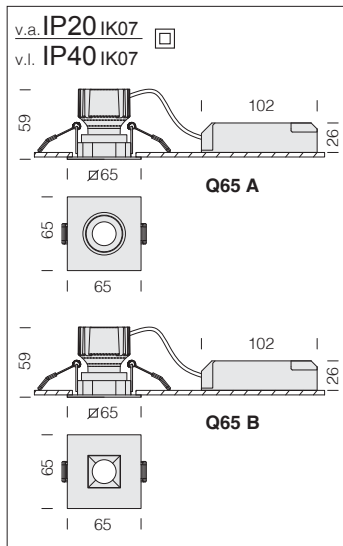
**LED:** luminous flux maintenance 80%: 70.000h (L80B10).

| M65 B - adjustable |        |        |             |                          |                              |
|--------------------|--------|--------|-------------|--------------------------|------------------------------|
|                    |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                              |
| LED                | colour | weight | code        | W tot                    | K - ølm - CRI - degrees      |
| COB                | white  | 0,20   | 22032211-00 | 10                       | 3000K - 825lm - CRI>90 - 36° |

| M65 C - narrow rim - adjustable |        |        |             |                          |                              |
|---------------------------------|--------|--------|-------------|--------------------------|------------------------------|
|                                 |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                              |
| LED                             | colour | weight | code        | W tot                    | K - ølm - CRI - degrees      |
| COB                             | white  | 0,20   | 22032212-00 | 10                       | 3000K - 825lm - CRI>90 - 36° |



| Safety cord                                                                                  |
|----------------------------------------------------------------------------------------------|
| 22004112-00                                                                                  |
| Steel safety cord, to be used for safety installation of the fixtures inside false ceilings. |



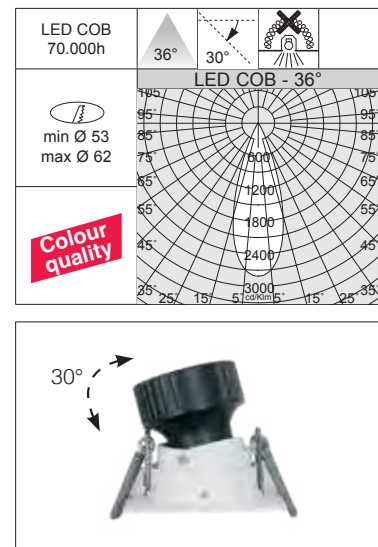
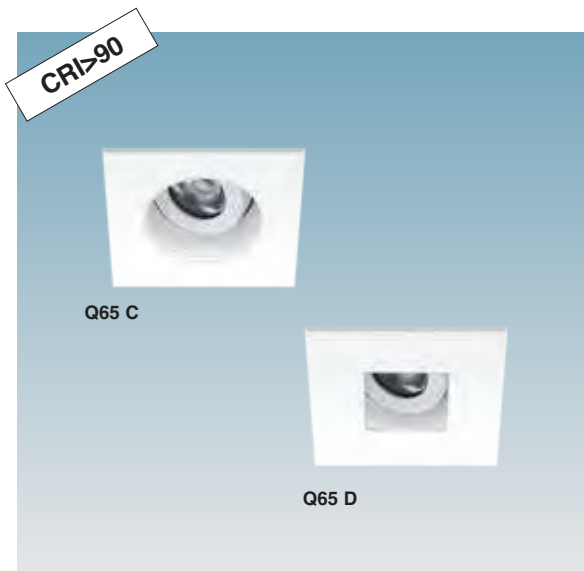
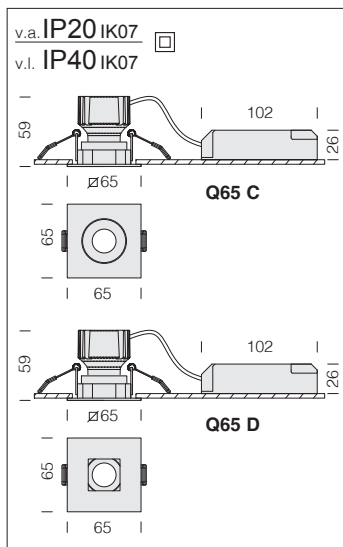
**Housing:** in die cast aluminium complete with spring clips for recessed mounting.

**Lens:** in PMMA with high efficiency output and very low glare rate.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10).

| Q65 A - fixe |        |        |             |       |                              |
|--------------|--------|--------|-------------|-------|------------------------------|
|              |        |        | CLD         |       | LUMEN OUTPUT (tq= 25 °C)     |
| LED          | colour | weight | code        | W tot | K - ølm - CRI - degrees      |
| COB          | white  | 0,20   | 22032310-00 | 10    | 3000K - 825lm - CRI>90 - 36° |

| Q65 B - fixe |        |        |             |       |                              |
|--------------|--------|--------|-------------|-------|------------------------------|
|              |        |        | CLD         |       | LUMEN OUTPUT (tq= 25 °C)     |
| LED          | colour | weight | code        | W tot | K - ølm - CRI - degrees      |
| COB          | white  | 0,20   | 22032311-00 | 10    | 3000K - 825lm - CRI>90 - 36° |



**Housing:** in die cast aluminium complete with spring clips for recessed mounting.

**Lens:** in PMMA with high efficiency output and very low glare rate.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10).

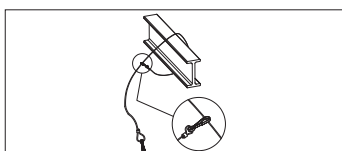
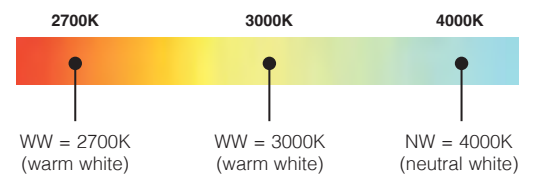
| Q65 C - adjustable |        |        |             |       |                              |
|--------------------|--------|--------|-------------|-------|------------------------------|
|                    |        |        | CLD         |       | LUMEN OUTPUT (tq= 25 °C)     |
| LED                | colour | weight | code        | W tot | K - ølm - CRI - degrees      |
| COB                | white  | 0,20   | 22032312-00 | 10    | 3000K - 825lm - CRI>90 - 36° |

| Q65 D - adjustable |        |        |             |       |                              |
|--------------------|--------|--------|-------------|-------|------------------------------|
|                    |        |        | CLD         |       | LUMEN OUTPUT (tq= 25 °C)     |
| LED                | colour | weight | code        | W tot | K - ølm - CRI - degrees      |
| COB                | white  | 0,20   | 22032313-00 | 10    | 3000K - 825lm - CRI>90 - 36° |

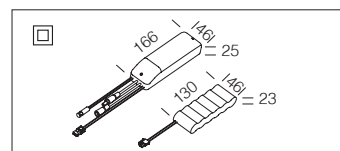




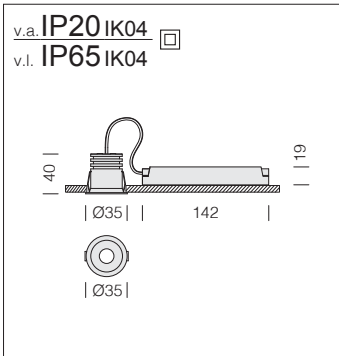
The main feature of this luminaire is the "colour-changing" technology: with the built-in selector switch positioned on the fixture's body, you can choose the desired colour temperature (2700K-3000K-4000K), adjusting its emission to most lighting installations.



| Safety cord                                                                                  |
|----------------------------------------------------------------------------------------------|
| 22004112-00                                                                                  |
| Steel safety cord, to be used for safety installation of the fixtures inside false ceilings. |

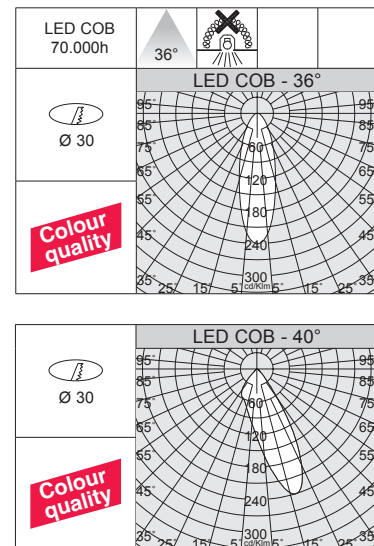


| EM power kit                                            |             |
|---------------------------------------------------------|-------------|
| 1h                                                      | 22096015-00 |
| 3h                                                      | 22096033-00 |
| EM (emergency) lamp power kit complete with connectors. |             |



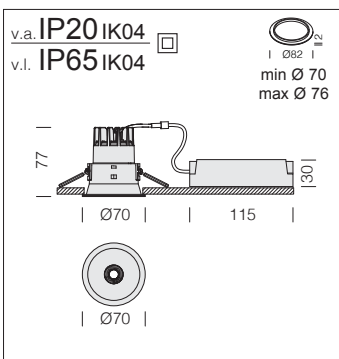
**Housing:** made of die-cast aluminium and polycarbonate reflector.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.9.



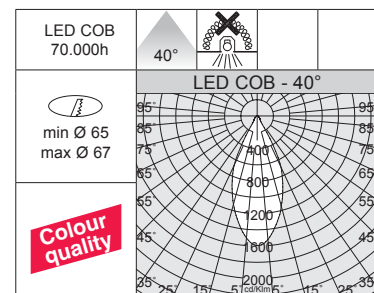
| New Mini iSpot Comfort |        |        |             |                          |                                        |
|------------------------|--------|--------|-------------|--------------------------|----------------------------------------|
|                        |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                                        |
| LED                    | colour | weight | code        | W tot                    | K - ølm - CRI - degrees                |
| COB                    | white  | 0,10   | 22168510-00 | 3                        | 3000K - 180lm - <b>CRI&gt;90</b> - 36° |
|                        | black  |        | 22168530-00 |                          | 3000K - 150lm - <b>CRI&gt;90</b> - 36° |

| New Mini iSpot Comfort AS - asymmetric |        |        |             |                          |                                        |
|----------------------------------------|--------|--------|-------------|--------------------------|----------------------------------------|
|                                        |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                                        |
| LED                                    | colour | weight | code        | W tot                    | K - ølm - CRI - degrees                |
| COB                                    | white  | 0,10   | 22168511-00 | 3                        | 3000K - 140lm - <b>CRI&gt;90</b> - 40° |



**Housing:** made of die-cast aluminium and polycarbonate reflector.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.9.

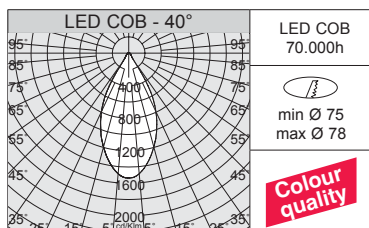


| New iSpot Comfort 1 - CCT / DIP SWITCH |        |        |             |                          |       |
|----------------------------------------|--------|--------|-------------|--------------------------|-------|
|                                        |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |
| LED                                    | colour | weight | code        | I out                    | W tot |
| COB                                    | white  | 0,20   | 22168010-00 | 190                      | 8     |
|                                        |        |        |             |                          |       |
|                                        |        |        |             |                          |       |
| COB                                    | black  | 0,20   | 22168030-00 | 190                      | 8     |
|                                        |        |        |             |                          |       |
|                                        |        |        |             |                          |       |

Universally applicable, suitable to replace downlights with cut out diameters ranging from 65 mm to 67 mm. The supplied ring can act as both an aesthetic finishing and to cover fitting holes with greater diameters.  
Upon request: DIMM DALI (-1241) version.

| DIP SWITCH SETTING |       |                                        |
|--------------------|-------|----------------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)               |
| 90                 | 4,5   | 2700K - 320lm - <b>CRI&gt;90</b> - 40° |
|                    |       | 3000K - 320lm - <b>CRI&gt;90</b> - 40° |
|                    |       | 4000K - 335lm - <b>CRI&gt;90</b> - 40° |
|                    |       | 2700K - 510lm - <b>CRI&gt;90</b> - 40° |
| 140                | 6     | 3000K - 510lm - <b>CRI&gt;90</b> - 40° |
|                    |       | 4000K - 535lm - <b>CRI&gt;90</b> - 40° |
|                    |       | 2700K - 700lm - <b>CRI&gt;90</b> - 40° |
|                    |       | 3000K - 700lm - <b>CRI&gt;90</b> - 40° |
| 190                | 8     | 4000K - 735lm - <b>CRI&gt;90</b> - 40° |
|                    |       | 2700K - 810lm - <b>CRI&gt;90</b> - 40° |
|                    |       | 3000K - 810lm - <b>CRI&gt;90</b> - 40° |
|                    |       | 4000K - 850lm - <b>CRI&gt;90</b> - 40° |

| DIP SWITCH SETTING |       |                                        |
|--------------------|-------|----------------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)               |
| 90                 | 4,5   | 2700K - 270lm - <b>CRI&gt;90</b> - 40° |
|                    |       | 3000K - 270lm - <b>CRI&gt;90</b> - 40° |
|                    |       | 4000K - 285lm - <b>CRI&gt;90</b> - 40° |
|                    |       | 2700K - 430lm - <b>CRI&gt;90</b> - 40° |
| 140                | 6     | 3000K - 430lm - <b>CRI&gt;90</b> - 40° |
|                    |       | 4000K - 450lm - <b>CRI&gt;90</b> - 40° |
|                    |       | 2700K - 590lm - <b>CRI&gt;90</b> - 40° |
|                    |       | 3000K - 590lm - <b>CRI&gt;90</b> - 40° |
| 190                | 8     | 4000K - 625lm - <b>CRI&gt;90</b> - 40° |
|                    |       | 2700K - 690lm - <b>CRI&gt;90</b> - 40° |
|                    |       | 3000K - 690lm - <b>CRI&gt;90</b> - 40° |
|                    |       | 4000K - 720lm - <b>CRI&gt;90</b> - 40° |



Upon request: available in white/orange, black/orange and black/gold colour version.

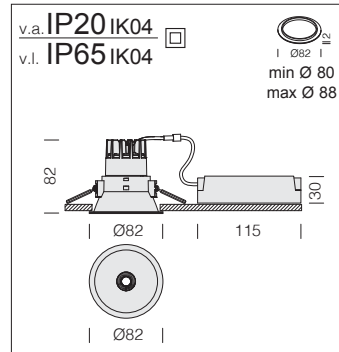


### New iSpot Comfort 2 - CCT / DIP SWITCH

| LED | colour | weight | code        | I out | W tot | CLD                          |
|-----|--------|--------|-------------|-------|-------|------------------------------|
|     |        |        |             |       |       | LUMEN OUTPUT (tq= 25 °C)     |
| COB | white  | 0,20   | 22168110-00 | 190   | 8     | K - ølm - CRI - degrees      |
|     |        |        |             |       |       | 2700K - 760lm - CRI>90 - 40° |
|     |        |        |             |       |       | 3000K - 760lm - CRI>90 - 40° |
| COB | black  | 0,20   | 22168130-00 | 190   | 8     | 4000K - 800lm - CRI>90 - 40° |
|     |        |        |             |       |       | 2700K - 620lm - CRI>90 - 40° |
|     |        |        |             |       |       | 3000K - 620lm - CRI>90 - 40° |

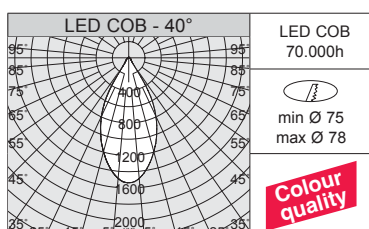
Universally applicable, suitable to replace downlights with cut out diameters ranging from 75 mm to 78 mm. The supplied ring can act as both an aesthetic finishing and to cover fitting holes with greater diameters.

Upon request: DIMM DALI (-1241) version.



| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)     |  |
|--------------------|-------|------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees      |  |
| 90                 | 4,5   | 2700K - 360lm - CRI>90 - 40° |  |
|                    |       | 3000K - 360lm - CRI>90 - 40° |  |
|                    |       | 4000K - 380lm - CRI>90 - 40° |  |
| 140                | 6     | 2700K - 540lm - CRI>90 - 40° |  |
|                    |       | 3000K - 540lm - CRI>90 - 40° |  |
|                    |       | 4000K - 620lm - CRI>90 - 40° |  |
| 190                | 8     | 2700K - 760lm - CRI>90 - 40° |  |
|                    |       | 3000K - 760lm - CRI>90 - 40° |  |
|                    |       | 4000K - 800lm - CRI>90 - 40° |  |
| 240                | 10    | 2700K - 860lm - CRI>90 - 40° |  |
|                    |       | 3000K - 860lm - CRI>90 - 40° |  |
|                    |       | 4000K - 900lm - CRI>90 - 40° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)     |  |
|--------------------|-------|------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees      |  |
| 90                 | 4,5   | 2700K - 300lm - CRI>90 - 40° |  |
|                    |       | 3000K - 300lm - CRI>90 - 40° |  |
|                    |       | 4000K - 325lm - CRI>90 - 40° |  |
| 140                | 6     | 2700K - 460lm - CRI>90 - 40° |  |
|                    |       | 3000K - 460lm - CRI>90 - 40° |  |
|                    |       | 4000K - 530lm - CRI>90 - 40° |  |
| 190                | 8     | 2700K - 620lm - CRI>90 - 40° |  |
|                    |       | 3000K - 620lm - CRI>90 - 40° |  |
|                    |       | 4000K - 650lm - CRI>90 - 40° |  |
| 240                | 10    | 2700K - 730lm - CRI>90 - 40° |  |
|                    |       | 3000K - 730lm - CRI>90 - 40° |  |
|                    |       | 4000K - 760lm - CRI>90 - 40° |  |



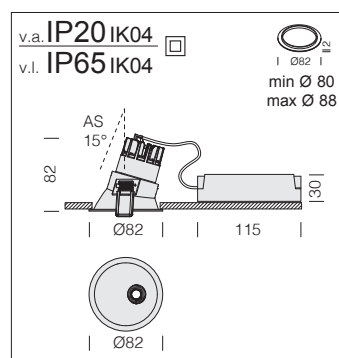
Upon request: available in white/orange, black/orange and black/gold colour version.



### New iSpot Comfort 5 - CCT / DIP SWITCH - FIXED asymmetric

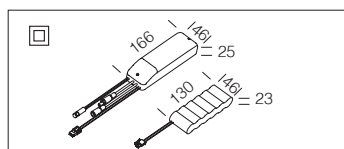
| LED | colour | weight | code        | I out | W tot | CLD                          |
|-----|--------|--------|-------------|-------|-------|------------------------------|
|     |        |        |             |       |       | LUMEN OUTPUT (tq= 25 °C)     |
| COB | white  | 0,20   | 22168410-00 | 190   | 8     | K - ølm - CRI - degrees      |
|     |        |        |             |       |       | 2700K - 760lm - CRI>90 - 45° |
|     |        |        |             |       |       | 3000K - 760lm - CRI>90 - 45° |
| COB | black  | 0,20   | 22168430-00 | 190   | 8     | 4000K - 800lm - CRI>90 - 45° |
|     |        |        |             |       |       | 2700K - 620lm - CRI>90 - 45° |
|     |        |        |             |       |       | 3000K - 620lm - CRI>90 - 45° |

Version with fixed 15° asymmetric housing. Universally applicable, suitable to replace downlights with cut out diameters ranging from 75 mm to 78 mm. The supplied ring can act as both an aesthetic finishing and to cover fitting holes with greater diameters. Upon request: DIMM DALI (-1241) version.



| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)     |  |
|--------------------|-------|------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees      |  |
| 90                 | 4,5   | 2700K - 360lm - CRI>90 - 45° |  |
|                    |       | 3000K - 360lm - CRI>90 - 45° |  |
|                    |       | 4000K - 380lm - CRI>90 - 45° |  |
| 140                | 6     | 2700K - 540lm - CRI>90 - 45° |  |
|                    |       | 3000K - 540lm - CRI>90 - 45° |  |
|                    |       | 4000K - 620lm - CRI>90 - 45° |  |
| 190                | 8     | 2700K - 760lm - CRI>90 - 45° |  |
|                    |       | 3000K - 760lm - CRI>90 - 45° |  |
|                    |       | 4000K - 800lm - CRI>90 - 45° |  |
| 240                | 10    | 2700K - 860lm - CRI>90 - 45° |  |
|                    |       | 3000K - 860lm - CRI>90 - 45° |  |
|                    |       | 4000K - 900lm - CRI>90 - 45° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)     |  |
|--------------------|-------|------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees      |  |
| 90                 | 4,5   | 2700K - 300lm - CRI>90 - 45° |  |
|                    |       | 3000K - 300lm - CRI>90 - 45° |  |
|                    |       | 4000K - 325lm - CRI>90 - 45° |  |
| 140                | 6     | 2700K - 460lm - CRI>90 - 45° |  |
|                    |       | 3000K - 460lm - CRI>90 - 45° |  |
|                    |       | 4000K - 530lm - CRI>90 - 45° |  |
| 190                | 8     | 2700K - 620lm - CRI>90 - 45° |  |
|                    |       | 3000K - 620lm - CRI>90 - 45° |  |
|                    |       | 4000K - 650lm - CRI>90 - 45° |  |
| 240                | 10    | 2700K - 730lm - CRI>90 - 45° |  |
|                    |       | 3000K - 730lm - CRI>90 - 45° |  |
|                    |       | 4000K - 760lm - CRI>90 - 45° |  |

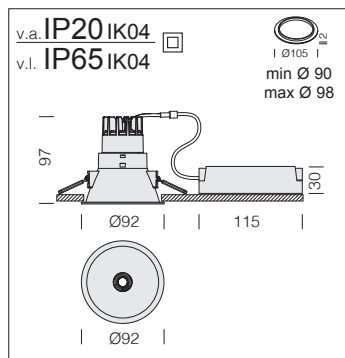


#### EM power kit

|    |             |
|----|-------------|
| 1h | 22096015-00 |
| 3h | 22096033-00 |

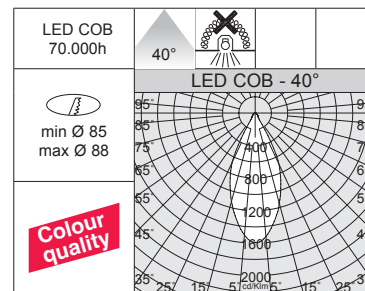
EM (emergency) lamp power kit complete with connectors.





**Housing:** made of die-cast aluminium and polycarbonate reflector.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.9.

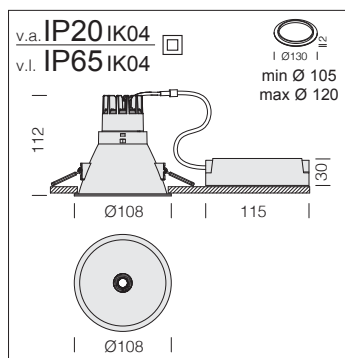


| New iSpot Comfort 3 - CCT / DIP SWITCH |        |        |             |       |       |
|----------------------------------------|--------|--------|-------------|-------|-------|
| LED                                    | colour | weight | code        | I out | W tot |
|                                        |        |        |             |       |       |
| COB                                    | white  | 0,20   | 22168210-00 | 190   | 8     |
|                                        |        |        |             |       |       |
|                                        |        |        |             |       |       |
| COB                                    | black  | 0,20   | 22168230-00 | 190   | 8     |
|                                        |        |        |             |       |       |
|                                        |        |        |             |       |       |

Universally applicable, suitable to replace downlights with cut out diameters ranging from 85 mm to 88 mm. The **supplied ring** can act as both an aesthetic finishing and to cover fitting holes with greater diameters.  
**Upon request:** DIMM DALI (-1241) version.

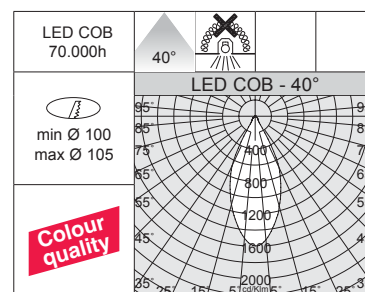
| DIP SWITCH SETTING |       |
|--------------------|-------|
| I out              | W tot |
| 90                 | 4,5   |
|                    |       |
|                    |       |
| 140                | 6     |
|                    |       |
|                    |       |
| 190                | 8     |
|                    |       |
|                    |       |
| 240                | 10    |
|                    |       |
|                    |       |

| DIP SWITCH SETTING |       |
|--------------------|-------|
| I out              | W tot |
| 90                 | 4,5   |
|                    |       |
|                    |       |
| 140                | 6     |
|                    |       |
|                    |       |
| 190                | 8     |
|                    |       |
|                    |       |
| 240                | 10    |
|                    |       |
|                    |       |



**Housing:** made of die-cast aluminium and polycarbonate reflector.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.9.



| New iSpot Comfort 4 - CCT / DIP SWITCH |        |        |             |       |       |
|----------------------------------------|--------|--------|-------------|-------|-------|
| LED                                    | colour | weight | code        | I out | W tot |
|                                        |        |        |             |       |       |
| COB                                    | white  | 0,30   | 22168310-00 | 190   | 8     |
|                                        |        |        |             |       |       |
|                                        |        |        |             |       |       |
| COB                                    | black  | 0,30   | 22168330-00 | 190   | 8     |
|                                        |        |        |             |       |       |
|                                        |        |        |             |       |       |

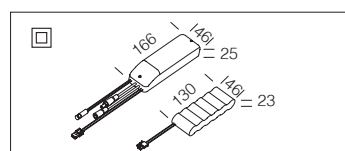
Universally applicable, suitable to replace downlights with cut out diameters ranging from 100 mm to 105 mm. The **supplied ring** can act as both an aesthetic finishing and to cover fitting holes with greater diameters.  
**Upon request:** DIMM DALI (-1241) version.

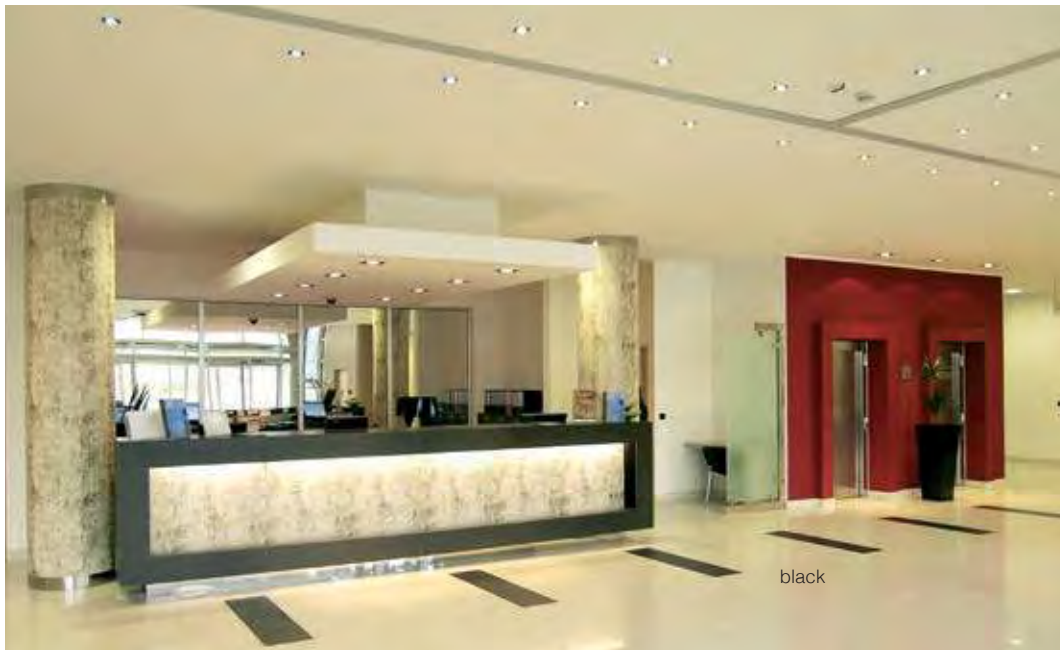
| DIP SWITCH SETTING |       |
|--------------------|-------|
| I out              | W tot |
| 90                 | 4,5   |
|                    |       |
|                    |       |
| 140                | 6     |
|                    |       |
|                    |       |
| 190                | 8     |
|                    |       |
|                    |       |
| 240                | 10    |
|                    |       |
|                    |       |

| DIP SWITCH SETTING |       |
|--------------------|-------|
| I out              | W tot |
| 90                 | 4,5   |
|                    |       |
|                    |       |
| 140                | 6     |
|                    |       |
|                    |       |
| 190                | 8     |
|                    |       |
|                    |       |
| 240                | 10    |
|                    |       |
|                    |       |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.





**Spark** a range of recessed spotlights, available in both fixed and adjustable configurations, featuring sleek round and square designs and an elegant black finish. Perfect for seamlessly integrating into any architectural setting that demands refined accent lighting.

**Housing:** made of die-cast aluminium with spring clips for recessed mounting.

**Reflector:** made in painted black aluminium.

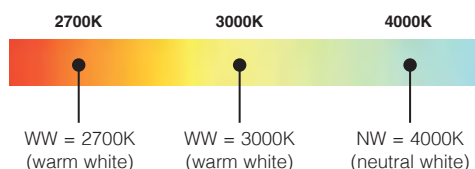
**Lens:** in PMMA with high efficiency output and very low glare rate.

**Coating:** dust painted, using polyester epoxy paint to withstand UV rays.

Upon request white+white version available.

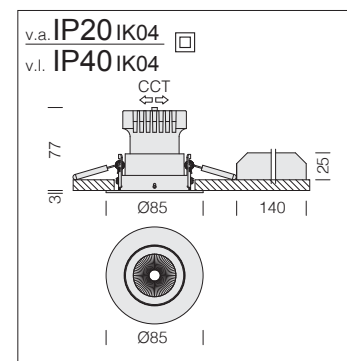
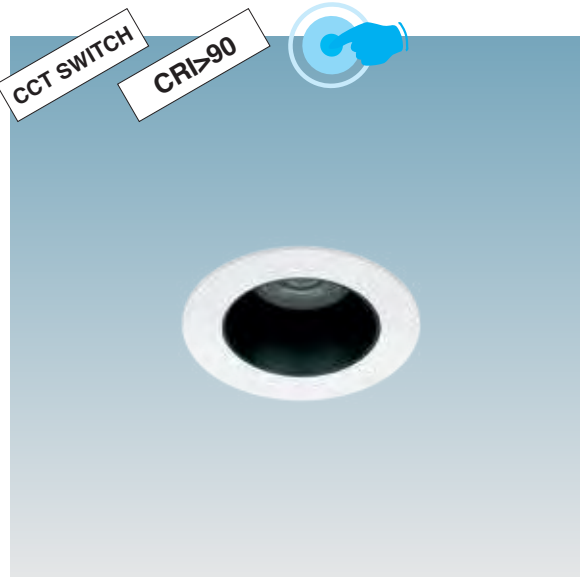
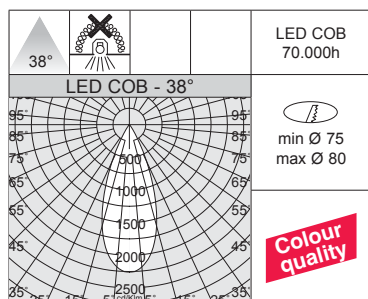


The main feature of this luminaire is the “colour-changing” technology: with the built-in selector switch positioned on the fixture’s body, you can choose the desired colour temperature (2700K-3000K-4000K), adjusting its emission to most lighting installations.



| Interchangeable LED module precision lens                                                 |                                                                                            |                                                                                            |                                                                                                   |                                                                                                   |
|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
|         |         |         |                |                |
| <br>20° | <br>26° | <br>60° | <br>ASYMMETRIC | <br>ELLIPTICAL |
| 22029020-00                                                                               | 22029026-00                                                                                | 22029060-00                                                                                | 22029070-00                                                                                       | 22029080-00                                                                                       |

Interchangeable LED module lens, ideal for precision lighting.



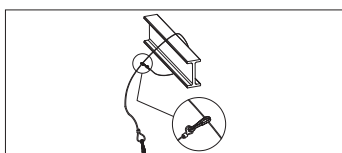
| Spark R85 - CCT / DIP SWITCH             |               |        |             |       |       |                                                                                                                              |
|------------------------------------------|---------------|--------|-------------|-------|-------|------------------------------------------------------------------------------------------------------------------------------|
|                                          |               | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C)                                                                                                     |
| LED                                      | colour        | weight | code        | I out | W tot | K - ølm - CRI - degrees                                                                                                      |
| COB                                      | white + black | 0,30   | 22161610-00 | 250   | 10    | 2700K - 833lm - <b>CRI&gt;90</b> - 38°  |
|                                          |               |        |             |       |       | 3000K - 888lm - <b>CRI&gt;90</b> - 38°  |
|                                          |               |        |             |       |       | 4000K - 924lm - <b>CRI&gt;90</b> - 38°  |
| Upon request: DIMM DALI (-1241) version. |               |        |             |       |       |                                                                                                                              |

**Upon request:** DIMM DALI (-1241) version.

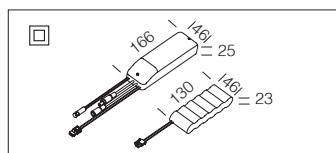
| DIP SWITCH SETTING       |       |                                         |
|--------------------------|-------|-----------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                         |
| I out                    | W tot | K - ølm - CRI - degrees                 |
| 200                      | 8     | 2700K - 666lm - <b>CRI&gt;90</b> - 38°  |
| 250                      | 10    | 2700K - 833lm - <b>CRI&gt;90</b> - 38°  |
| 300                      | 12    | 2700K - 961lm - <b>CRI&gt;90</b> - 38°  |
| 350                      | 14    | 2700K - 1100lm - <b>CRI&gt;90</b> - 38° |

| DIP SWITCH SETTING       |       |                         |              |
|--------------------------|-------|-------------------------|--------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |              |
| I out                    | W tot | K - ølm - CRI - degrees |              |
| 200                      | 8     | 3000K - 715lm -         | CRI>90 - 38° |
| 250                      | 10    | 3000K - 888lm -         | CRI>90 - 38° |
| 300                      | 12    | 3000K - 1037lm -        | CRI>90 - 38° |
| 350                      | 14    | 3000K - 1209lm -        | CRI>90 - 38° |

| DIP SWITCH SETTING       |       |                                         |
|--------------------------|-------|-----------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                         |
| I out                    | W tot | K - $\phi$ lm - CRI - degrees           |
| 200                      | 8     | 4000K - 746lm - <b>CRI&gt;90</b> - 38°  |
| 250                      | 10    | 4000K - 924lm - <b>CRI&gt;90</b> - 38°  |
| 300                      | 12    | 4000K - 1073lm - <b>CRI&gt;90</b> - 38° |
| 350                      | 14    | 4000K - 1229lm - <b>CRI&gt;90</b> - 38° |

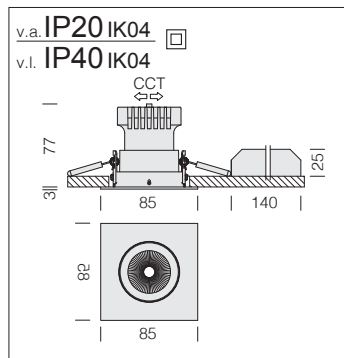


|                                                                                              |
|----------------------------------------------------------------------------------------------|
| <b>Safety cord</b>                                                                           |
| 22004112-00                                                                                  |
| Steel safety cord, to be used for safety installation of the fixtures inside false ceilings. |

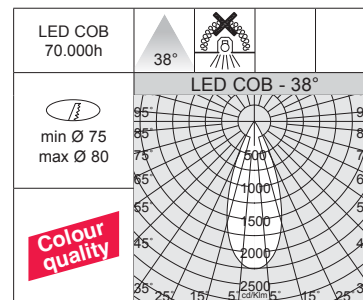


| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.9



| Spark 1 - Q85 - CCT / DIP SWITCH |               |        |             |       |       |
|----------------------------------|---------------|--------|-------------|-------|-------|
| LED                              | colour        | weight | code        | CLD   |       |
|                                  |               |        |             | I out | W tot |
| COB                              | white + black | 0,30   | 22161710-00 | 250   | 10    |
|                                  |               |        |             |       |       |
|                                  |               |        |             |       |       |
|                                  |               |        |             |       |       |

**LUMEN OUTPUT (tq= 25 °C)**  
K - ølm - CRI - degrees

|                              |
|------------------------------|
| 2700K - 833lm - CRI>90 - 38° |
| 3000K - 888lm - CRI>90 - 38° |
| 4000K - 924lm - CRI>90 - 38° |

Upon request: DIMM DALI (-1241) version.

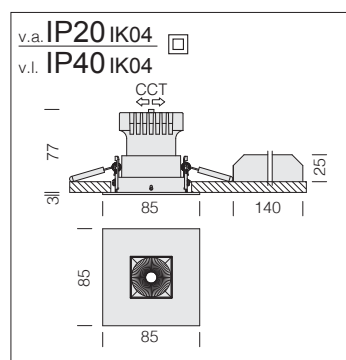
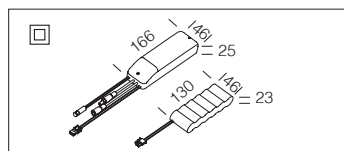
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |       | K - ølm - CRI - degrees       |       |
|--------------------|-------|-------------------------------|-------|-------------------------------|-------|
| I out              | W tot | I out                         | W tot | I out                         | W tot |
| 200                | 8     | 2700K - 666lm - CRI>90 - 38°  |       | 2700K - 666lm - CRI>90 - 38°  |       |
| 250                | 10    | 2700K - 833lm - CRI>90 - 38°  |       | 2700K - 833lm - CRI>90 - 38°  |       |
| 300                | 12    | 2700K - 961lm - CRI>90 - 38°  |       | 2700K - 961lm - CRI>90 - 38°  |       |
| 350                | 14    | 2700K - 1100lm - CRI>90 - 38° |       | 2700K - 1100lm - CRI>90 - 38° |       |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |       | K - ølm - CRI - degrees       |       |
|--------------------|-------|-------------------------------|-------|-------------------------------|-------|
| I out              | W tot | I out                         | W tot | I out                         | W tot |
| 200                | 8     | 3000K - 715lm - CRI>90 - 38°  |       | 3000K - 715lm - CRI>90 - 38°  |       |
| 250                | 10    | 3000K - 888lm - CRI>90 - 38°  |       | 3000K - 888lm - CRI>90 - 38°  |       |
| 300                | 12    | 3000K - 1037lm - CRI>90 - 38° |       | 3000K - 1037lm - CRI>90 - 38° |       |
| 350                | 14    | 3000K - 1209lm - CRI>90 - 38° |       | 3000K - 1209lm - CRI>90 - 38° |       |

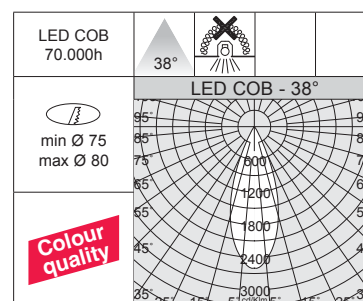
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |       | K - ølm - CRI - degrees       |       |
|--------------------|-------|-------------------------------|-------|-------------------------------|-------|
| I out              | W tot | I out                         | W tot | I out                         | W tot |
| 200                | 8     | 4000K - 746lm - CRI>90 - 38°  |       | 4000K - 746lm - CRI>90 - 38°  |       |
| 250                | 10    | 4000K - 924lm - CRI>90 - 38°  |       | 4000K - 924lm - CRI>90 - 38°  |       |
| 300                | 12    | 4000K - 1073lm - CRI>90 - 38° |       | 4000K - 1073lm - CRI>90 - 38° |       |
| 350                | 14    | 4000K - 1229lm - CRI>90 - 38° |       | 4000K - 1229lm - CRI>90 - 38° |       |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.9



| Spark 2 - Q85 - CCT / DIP SWITCH |               |        |             |       |       |
|----------------------------------|---------------|--------|-------------|-------|-------|
| LED                              | colour        | weight | code        | CLD   |       |
|                                  |               |        |             | I out | W tot |
| COB                              | white + black | 0,30   | 22161711-00 | 250   | 10    |
|                                  |               |        |             |       |       |
|                                  |               |        |             |       |       |
|                                  |               |        |             |       |       |

**LUMEN OUTPUT (tq= 25 °C)**  
K - ølm - CRI - degrees

|                              |
|------------------------------|
| 2700K - 657lm - CRI>90 - 38° |
| 3000K - 726lm - CRI>90 - 38° |
| 4000K - 750lm - CRI>90 - 38° |

Upon request: DIMM DALI (-1241) version.

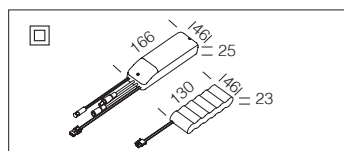
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)     |       | K - ølm - CRI - degrees      |       |
|--------------------|-------|------------------------------|-------|------------------------------|-------|
| I out              | W tot | I out                        | W tot | I out                        | W tot |
| 200                | 8     | 2700K - 535lm - CRI>90 - 38° |       | 2700K - 535lm - CRI>90 - 38° |       |
| 250                | 10    | 2700K - 657lm - CRI>90 - 38° |       | 2700K - 657lm - CRI>90 - 38° |       |
| 300                | 12    | 2700K - 765lm - CRI>90 - 38° |       | 2700K - 765lm - CRI>90 - 38° |       |
| 350                | 14    | 2700K - 856lm - CRI>90 - 38° |       | 2700K - 856lm - CRI>90 - 38° |       |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)     |       | K - ølm - CRI - degrees      |       |
|--------------------|-------|------------------------------|-------|------------------------------|-------|
| I out              | W tot | I out                        | W tot | I out                        | W tot |
| 200                | 8     | 3000K - 592lm - CRI>90 - 38° |       | 3000K - 592lm - CRI>90 - 38° |       |
| 250                | 10    | 3000K - 726lm - CRI>90 - 38° |       | 3000K - 726lm - CRI>90 - 38° |       |
| 300                | 12    | 3000K - 846lm - CRI>90 - 38° |       | 3000K - 846lm - CRI>90 - 38° |       |
| 350                | 14    | 3000K - 946lm - CRI>90 - 38° |       | 3000K - 946lm - CRI>90 - 38° |       |

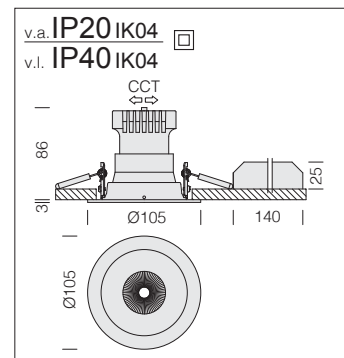
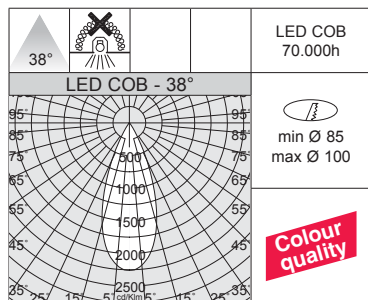
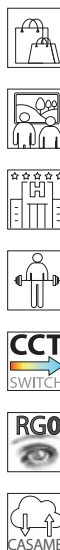
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)     |       | K - ølm - CRI - degrees      |       |
|--------------------|-------|------------------------------|-------|------------------------------|-------|
| I out              | W tot | I out                        | W tot | I out                        | W tot |
| 200                | 8     | 4000K - 611lm - CRI>90 - 38° |       | 4000K - 611lm - CRI>90 - 38° |       |
| 250                | 10    | 4000K - 750lm - CRI>90 - 38° |       | 4000K - 750lm - CRI>90 - 38° |       |
| 300                | 12    | 4000K - 873lm - CRI>90 - 38° |       | 4000K - 873lm - CRI>90 - 38° |       |
| 350                | 14    | 4000K - 977lm - CRI>90 - 38° |       | 4000K - 977lm - CRI>90 - 38° |       |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.







| Spark R105 - CCT / DIP SWITCH |        |             |       |                          |                               |
|-------------------------------|--------|-------------|-------|--------------------------|-------------------------------|
| LED                           |        | CLD         |       | LUMEN OUTPUT (tq= 25 °C) |                               |
| colour                        | weight | code        | I out | W tot                    | K - ølm - CRI - degrees       |
| white + black                 | 0,40   | 22161810-00 | 350   | 14                       | 2700K - 1100lm - CRI>90 - 38° |
|                               |        |             |       |                          | 3000K - 1209lm - CRI>90 - 38° |
|                               |        |             |       |                          | 4000K - 1229lm - CRI>90 - 38° |

Upon request: DIMM DALI (-1241) version.

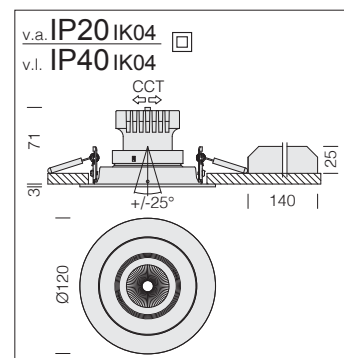
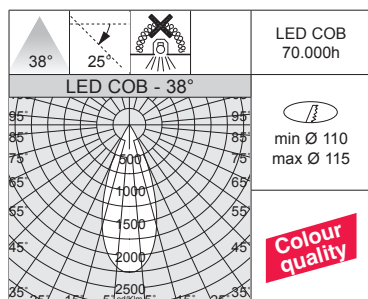
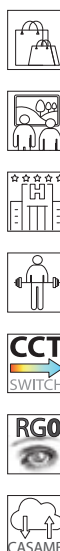
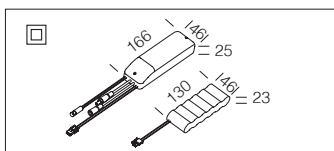
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 200                | 8     | 2700K - 666lm - CRI>90 - 38°  |  |
| 250                | 10    | 2700K - 833lm - CRI>90 - 38°  |  |
| 300                | 12    | 2700K - 961lm - CRI>90 - 38°  |  |
| 350                | 14    | 2700K - 1100lm - CRI>90 - 38° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 200                | 8     | 3000K - 715lm - CRI>90 - 38°  |  |
| 250                | 10    | 3000K - 888lm - CRI>90 - 38°  |  |
| 300                | 12    | 3000K - 1037lm - CRI>90 - 38° |  |
| 350                | 14    | 3000K - 1209lm - CRI>90 - 38° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 200                | 8     | 4000K - 746lm - CRI>90 - 38°  |  |
| 250                | 10    | 4000K - 924lm - CRI>90 - 38°  |  |
| 300                | 12    | 4000K - 1073lm - CRI>90 - 38° |  |
| 350                | 14    | 4000K - 1229lm - CRI>90 - 38° |  |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.



| Spark R120 - CCT / DIP SWITCH - adjustable |        |             |       |                          |                               |
|--------------------------------------------|--------|-------------|-------|--------------------------|-------------------------------|
| LED                                        |        | CLD         |       | LUMEN OUTPUT (tq= 25 °C) |                               |
| colour                                     | weight | code        | I out | W tot                    | K - ølm - CRI - degrees       |
| white + black                              | 0,30   | 22161910-00 | 350   | 14                       | 2700K - 1100lm - CRI>90 - 38° |
|                                            |        |             |       |                          | 3000K - 1209lm - CRI>90 - 38° |
|                                            |        |             |       |                          | 4000K - 1229lm - CRI>90 - 38° |

Upon request: DIMM DALI (-1241) version.

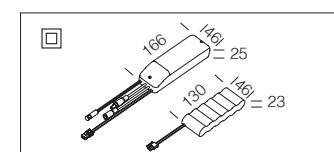
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 200                | 8     | 2700K - 666lm - CRI>90 - 38°  |  |
| 250                | 10    | 2700K - 833lm - CRI>90 - 38°  |  |
| 300                | 12    | 2700K - 961lm - CRI>90 - 38°  |  |
| 350                | 14    | 2700K - 1100lm - CRI>90 - 38° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 200                | 8     | 3000K - 715lm - CRI>90 - 38°  |  |
| 250                | 10    | 3000K - 888lm - CRI>90 - 38°  |  |
| 300                | 12    | 3000K - 1037lm - CRI>90 - 38° |  |
| 350                | 14    | 3000K - 1209lm - CRI>90 - 38° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 200                | 8     | 4000K - 746lm - CRI>90 - 38°  |  |
| 250                | 10    | 4000K - 924lm - CRI>90 - 38°  |  |
| 300                | 12    | 4000K - 1073lm - CRI>90 - 38° |  |
| 350                | 14    | 4000K - 1229lm - CRI>90 - 38° |  |

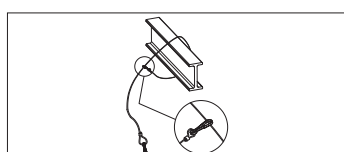
| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

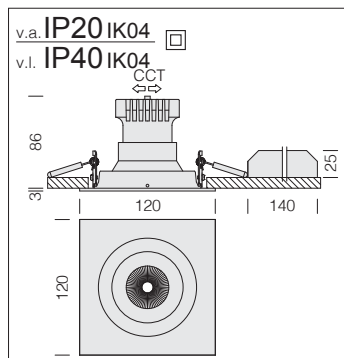
EM (emergency) lamp power kit complete with connectors.



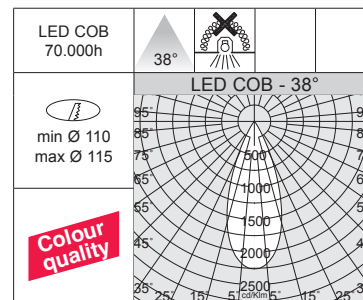
| Safety cord |  |
|-------------|--|
| 22004112-00 |  |

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.





**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.9



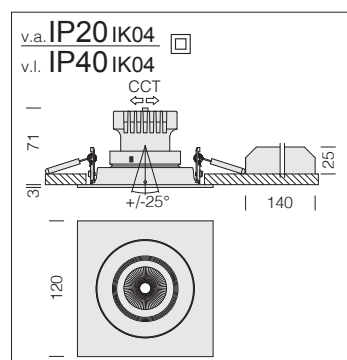
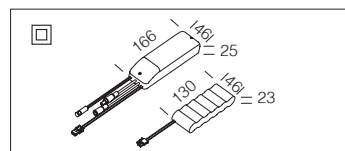
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |              |
|--------------------|-------|--------------------------|--------------|
| I out              | W tot | K - ølm - CRI - degrees  |              |
| 200                | 8     | 2700K - 666lm            | CRI>90 - 38° |
| 250                | 10    | 2700K - 833lm            | CRI>90 - 38° |
| 300                | 12    | 2700K - 961lm            | CRI>90 - 38° |
| 350                | 14    | 2700K - 1100lm           | CRI>90 - 38° |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |              |
|--------------------|-------|--------------------------|--------------|
| I out              | W tot | K - ølm - CRI - degrees  |              |
| 200                | 8     | 3000K - 715lm            | CRI>90 - 38° |
| 250                | 10    | 3000K - 888lm            | CRI>90 - 38° |
| 300                | 12    | 3000K - 1037lm           | CRI>90 - 38° |
| 350                | 14    | 3000K - 1209lm           | CRI>90 - 38° |

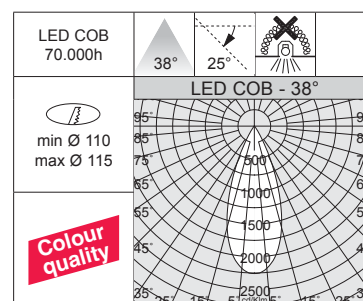
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |              |
|--------------------|-------|--------------------------|--------------|
| I out              | W tot | K - ølm - CRI - degrees  |              |
| 200                | 8     | 4000K - 746lm            | CRI>90 - 38° |
| 250                | 10    | 4000K - 924lm            | CRI>90 - 38° |
| 300                | 12    | 4000K - 1073lm           | CRI>90 - 38° |
| 350                | 14    | 4000K - 1229lm           | CRI>90 - 38° |

| Spark 1 - Q120 - CCT / DIP SWITCH        |               |        |             |       |       |
|------------------------------------------|---------------|--------|-------------|-------|-------|
| LED                                      | colour        | weight | code        | I out | W tot |
| COB                                      | white + black | 0,40   | 22161911-00 | 350   | 14    |
| Upon request: DIMM DALI (-1241) version. |               |        |             |       |       |

| EM power kit                                            |             |
|---------------------------------------------------------|-------------|
| 1h                                                      | 22096015-00 |
| 3h                                                      | 22096033-00 |
| EM (emergency) lamp power kit complete with connectors. |             |



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.9



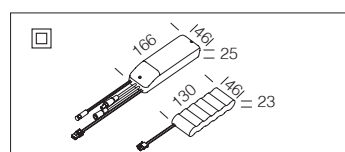
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |              |
|--------------------|-------|--------------------------|--------------|
| I out              | W tot | K - ølm - CRI - degrees  |              |
| 200                | 8     | 2700K - 666lm            | CRI>90 - 38° |
| 250                | 10    | 2700K - 833lm            | CRI>90 - 38° |
| 300                | 12    | 2700K - 961lm            | CRI>90 - 38° |
| 350                | 14    | 2700K - 1100lm           | CRI>90 - 38° |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |              |
|--------------------|-------|--------------------------|--------------|
| I out              | W tot | K - ølm - CRI - degrees  |              |
| 200                | 8     | 3000K - 715lm            | CRI>90 - 38° |
| 250                | 10    | 3000K - 888lm            | CRI>90 - 38° |
| 300                | 12    | 3000K - 1037lm           | CRI>90 - 38° |
| 350                | 14    | 3000K - 1209lm           | CRI>90 - 38° |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |              |
|--------------------|-------|--------------------------|--------------|
| I out              | W tot | K - ølm - CRI - degrees  |              |
| 200                | 8     | 4000K - 746lm            | CRI>90 - 38° |
| 250                | 10    | 4000K - 924lm            | CRI>90 - 38° |
| 300                | 12    | 4000K - 1073lm           | CRI>90 - 38° |
| 350                | 14    | 4000K - 1229lm           | CRI>90 - 38° |

| Spark 2 - Q120 - CCT / DIP SWITCH - adjustable |               |        |             |       |       |
|------------------------------------------------|---------------|--------|-------------|-------|-------|
| LED                                            | colour        | weight | code        | I out | W tot |
| COB                                            | white + black | 0,30   | 22161912-00 | 350   | 14    |
| Upon request: DIMM DALI (-1241) version.       |               |        |             |       |       |

| EM power kit                                            |             |
|---------------------------------------------------------|-------------|
| 1h                                                      | 22096015-00 |
| 3h                                                      | 22096033-00 |
| EM (emergency) lamp power kit complete with connectors. |             |





The system's main feature is the possibility to integrate a wide selection of **additional recessed, ceiling and**. Thanks to the different combinations of power, lumen, light beams and aesthetic finishes, Liset 2.0 System can perfectly fit into any architectural structure, enhancing both the showroom space and the items on display.

The system is made up of individual modules that can be **installed into ceilings or recessed mounting in plasterboard false ceilings** thanks to their remarkably small dimensions, allowing them to fit perfectly into any space. These modules are characterised by high-definition optics in thermally conductive plastic with metallic finish, combined with a special diffuser to optimise the luminous output and significantly reduce direct glare.

#### Separate modules - **RECESSED DOWNLIGHTS**

**M1****M2****M3****M5****M5x2****M4****M9****M9 Big FS****M9 Big FL****M10****M15**



Upon request: versions available with different aesthetic finishes ideal to create amazing light effects.



Separate modules - RECESSED DOWNLIGHTS FOR PLASTERBOARD



Separate modules - CEILING SPOTLIGHTS



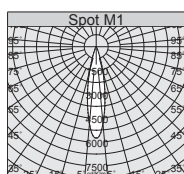


This series of luminaires (M1-M2-M3-M5-M10-M15) allows you to adjust the position of the LED module inside the lamp in two very simple steps:

1) unhook the supplied screen



2) push the LED module forward until it hooks onto the border of the luminaire



70.000h (L80B10)

| M1 - recessed - UGR<16 |        |             |       |                                        |
|------------------------|--------|-------------|-------|----------------------------------------|
|                        |        | CLD         |       | LUMEN OUTPUT (tq= 25 °C)               |
| LED                    | colour | code        | W tot | K - ølm - CRI - degrees                |
| 1 module               | white  | 22190101-00 | 4     | 4000K - 200lm - <b>CRI&gt;90</b> - 20° |
|                        |        | 22190101-39 |       | 3000K - 186lm - <b>CRI&gt;90</b> - 20° |

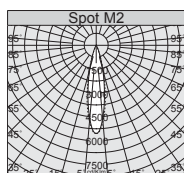
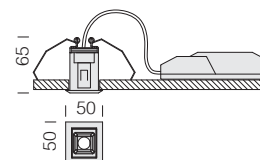
Upon request: 15°-30° version.



v.a. IP20 IK07  
v.l. IP40 IK07

42 x 42

UGR<16



70.000h (L80B10)

| M2 - recessed - UGR<16 |        |             |       |                                        |
|------------------------|--------|-------------|-------|----------------------------------------|
|                        |        | CLD         |       | LUMEN OUTPUT (tq= 25 °C)               |
| LED                    | colour | code        | W tot | K - ølm - CRI - degrees                |
| 2 modules              | white  | 22190102-00 | 6     | 4000K - 380lm - <b>CRI&gt;90</b> - 20° |
|                        |        | 22190102-39 |       | 3000K - 353lm - <b>CRI&gt;90</b> - 20° |

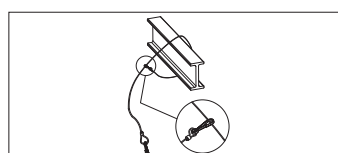
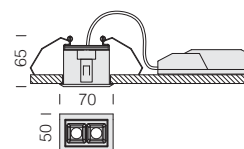
Upon request: 15°-30° version.



v.a. IP20 IK07  
v.l. IP40 IK07

42 x 62

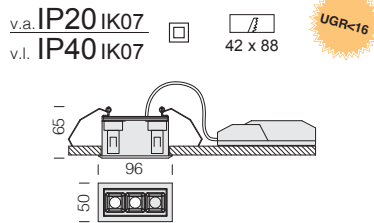
UGR<16



#### Safety cord

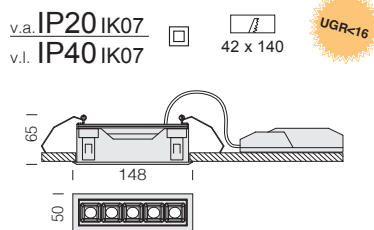
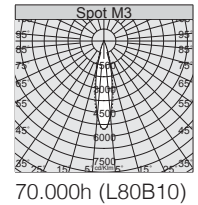
22004112-00

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.



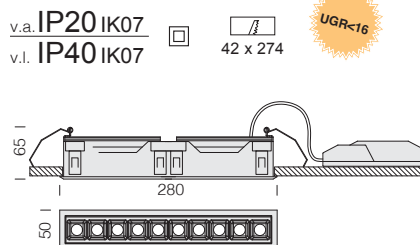
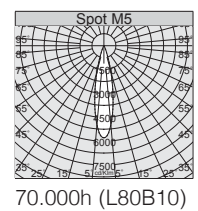
| M3 - recessed - UGR<16 |        |             |       |                              |
|------------------------|--------|-------------|-------|------------------------------|
|                        |        | CLD         |       | LUMEN OUTPUT (tq= 25 °C)     |
| LED                    | colour | code        | W tot | K - ølm - CRI - degrees      |
| 3 modules              | white  | 22190103-00 | 8     | 4000K - 570lm - CRI>90 - 20° |
|                        |        | 22190103-39 |       | 3000K - 530lm - CRI>90 - 20° |

Upon request: 15°-30° version.



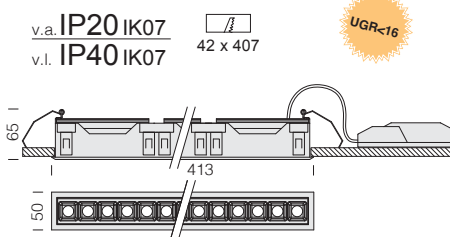
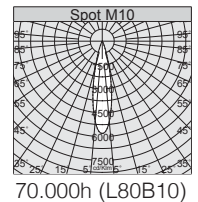
| M5 - recessed - UGR<16 |        |             |       |                               |
|------------------------|--------|-------------|-------|-------------------------------|
|                        |        | CLD         |       | LUMEN OUTPUT (tq= 25 °C)      |
| LED                    | colour | code        | W tot | K - ølm - CRI - degrees       |
| 5 modules              | white  | 22190105-00 | 12    | 4000K - 1034lm - CRI>90 - 20° |
|                        |        | 22190105-39 |       | 3000K - 962lm - CRI>90 - 20°  |

Upon request: 15°-30° version.



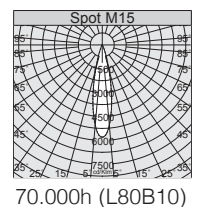
| M10 - recessed - UGR<16 |        |             |       |                               |
|-------------------------|--------|-------------|-------|-------------------------------|
|                         |        | CLD         |       | LUMEN OUTPUT (tq= 25 °C)      |
| LED                     | colour | code        | W tot | K - ølm - CRI - degrees       |
| 10 modules              | white  | 22190110-00 | 24    | 4000K - 2038lm - CRI>90 - 20° |
|                         |        | 22190110-39 |       | 3000K - 1895lm - CRI>90 - 20° |

Upon request: 15°-30° version.



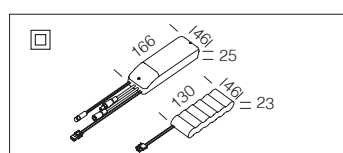
| M15 - recessed - UGR<16 |        |             |       |                               |
|-------------------------|--------|-------------|-------|-------------------------------|
|                         |        | CLD         |       | LUMEN OUTPUT (tq= 25 °C)      |
| LED                     | colour | code        | W tot | K - ølm - CRI - degrees       |
| 15 modules              | white  | 22190115-00 | 36    | 4000K - 3058lm - CRI>90 - 20° |
|                         |        | 22190115-39 |       | 3000K - 2844lm - CRI>90 - 20° |

Upon request: 15°-30° version.

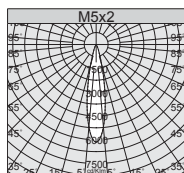


| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors for M5-M10-M15. Installation height: 100mm min.







70.000h (L80B10)

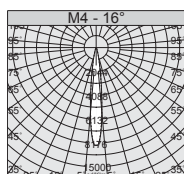
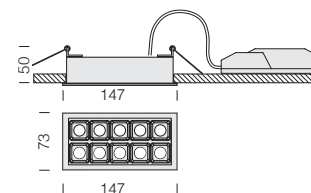
| M5x2 - recessed |        |             |       |                               |
|-----------------|--------|-------------|-------|-------------------------------|
|                 |        | CLD         |       | LUMEN OUTPUT (tq= 25 °C)      |
| LED             | colour | code        | W tot | K - ølm - CRI - degrees       |
| 10 modules      | white  | 22190205-00 | 23    | 4000K - 2085lm - CRI>90 - 20° |
|                 |        | 22190205-39 |       | 3000K - 1981lm - CRI>90 - 20° |



v.a. IP20 IK07  
v.l. IP40 IK07

139 x 65

UGR&lt;16



50.000h (L80B20)

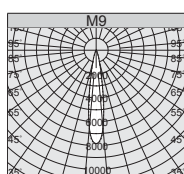
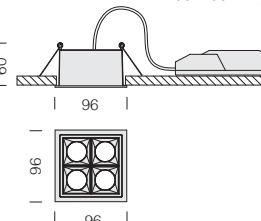
| M4 - recessed |        |             |       |                               |
|---------------|--------|-------------|-------|-------------------------------|
|               |        | CLD         |       | LUMEN OUTPUT (tq= 25 °C)      |
| LED           | colour | code        | W tot | K - ølm - CRI - degrees       |
| 4 modules     | white  | 22190114-00 | 19    | 4000K - 1424lm - CRI>90 - 17° |
|               |        | 22190114-39 |       | 3000K - 1353lm - CRI>90 - 17° |
| 4 modules     | white  | 22190116-00 | 19    | 4000K - 1608lm - CRI>90 - 24° |
|               |        | 22190116-39 |       | 3000K - 1528lm - CRI>90 - 24° |
| 4 modules     | white  | 22190117-00 | 19    | 4000K - 1707lm - CRI>90 - 38° |
|               |        | 22190117-39 |       | 3000K - 1622lm - CRI>90 - 38° |



IP40 IK07

88 x 88

UGR&lt;16



50.000h (L80B20)

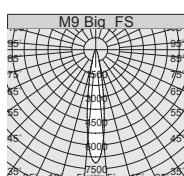
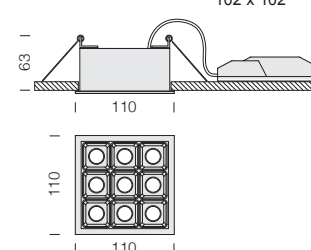
| M9 - recessed |        |             |       |                               |
|---------------|--------|-------------|-------|-------------------------------|
|               |        | CLD         |       | LUMEN OUTPUT (tq= 25 °C)      |
| LED           | colour | code        | W tot | K - ølm - CRI - degrees       |
| 9 modules     | white  | 22190108-00 | 18    | 4000K - 1502lm - CRI>90 - 17° |
|               |        | 22190108-39 |       | 3000K - 1427lm - CRI>90 - 17° |



v.a. IP20 IK07  
v.l. IP40 IK07

102 x 102

UGR&lt;16



50.000h (L80B20)

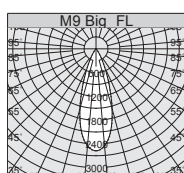
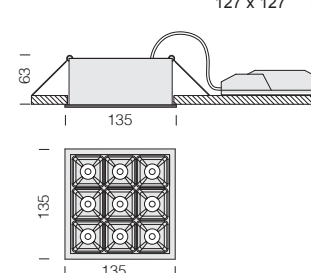
| M9 Big FS - recessed |        |               |       |                               |
|----------------------|--------|---------------|-------|-------------------------------|
|                      |        | CLD           |       | LUMEN OUTPUT (tq= 25 °C)      |
| LED                  | colour | code          | W tot | K - ølm - CRI - degrees       |
| 9 modules            | white  | 22190109-22   | 35    | 4000K - 2795lm - CRI>90 - 17° |
|                      |        | 22190109-3931 |       | 3000K - 2655lm - CRI>90 - 17° |



v.a. IP20 IK07  
v.l. IP40 IK07

127 x 127

UGR&lt;16



50.000h (L80B20)

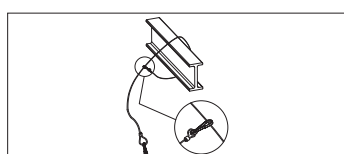
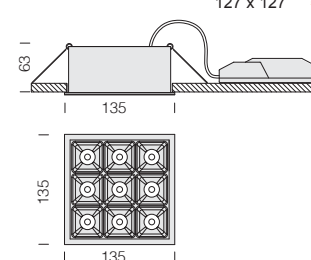
| M9 Big FL - recessed |        |               |       |                               |
|----------------------|--------|---------------|-------|-------------------------------|
|                      |        | CLD           |       | LUMEN OUTPUT (tq= 25 °C)      |
| LED                  | colour | code          | W tot | K - ølm - CRI - degrees       |
| 9 modules            | white  | 22190109-29   | 35    | 4000K - 3288lm - CRI>90 - 34° |
|                      |        | 22190109-3932 |       | 3000K - 3124lm - CRI>90 - 34° |



v.a. IP20 IK07  
v.l. IP40 IK07

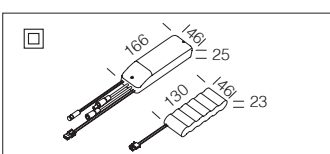
127 x 127

UGR&lt;16

**Safety cord**

22004112-00

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.

**EM power kit**

1h 22096015-00

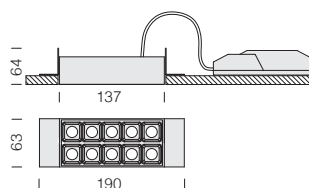
3h 22096033-00

EM (emergency) lamp power kit complete with connectors.  
Installation height: 100mm min.

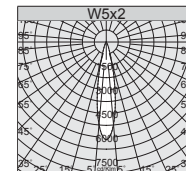
v.a. IP20 IK07  
v.l. IP40 IK07



UGR<16



| W5x2 - recessed |        |             |       |                               |
|-----------------|--------|-------------|-------|-------------------------------|
|                 |        | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| LED             | colour | code        |       | K - ølm - CRI - degrees       |
| 10 modules      | black  | 22190235-00 | 23    | 4000K - 2085lm - CRI>90 - 20° |
|                 |        | 22190235-39 |       | 3000K - 1981lm - CRI>90 - 20° |

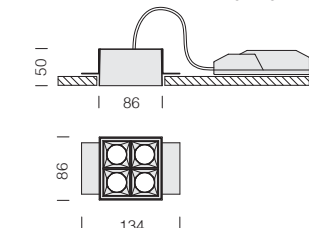


70.000h (L80B10)

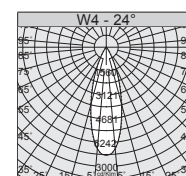
IP40 IK07



UGR<16



| W4 - recessed |        |             |       |                               |
|---------------|--------|-------------|-------|-------------------------------|
|               |        | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| LED           | colour | code        |       | K - ølm - CRI - degrees       |
| 4 modules     | black  | 22190214-00 | 19    | 4000K - 1424lm - CRI>90 - 17° |
|               |        | 22190214-39 |       | 3000K - 1353lm - CRI>90 - 17° |
| 4 modules     | black  | 22190216-00 | 19    | 4000K - 1608lm - CRI>90 - 24° |
|               |        | 22190216-39 |       | 3000K - 1528lm - CRI>90 - 24° |
| 4 modules     | black  | 22190217-00 | 19    | 4000K - 1707lm - CRI>90 - 38° |
|               |        | 22190217-39 |       | 3000K - 1622lm - CRI>90 - 38° |

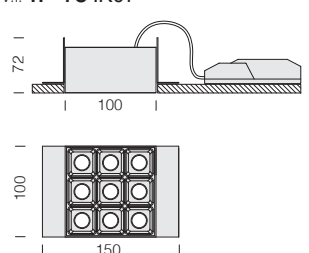


50.000h (L80B20)

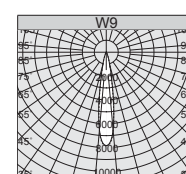
v.a. IP20 IK07  
v.l. IP40 IK07



UGR<16

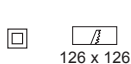


| W9 - recessed |        |             |       |                               |
|---------------|--------|-------------|-------|-------------------------------|
|               |        | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| LED           | colour | code        |       | K - ølm - CRI - degrees       |
| 9 modules     | black  | 22190139-00 | 18    | 4000K - 1502lm - CRI>90 - 17° |
|               |        | 22190139-39 |       | 3000K - 1427lm - CRI>90 - 17° |

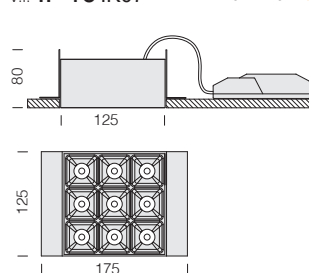


50.000h (L80B20)

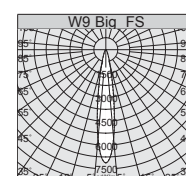
v.a. IP20 IK07  
v.l. IP40 IK07



UGR<16

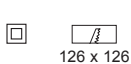


| W9 Big FS - recessed |        |               |       |                               |
|----------------------|--------|---------------|-------|-------------------------------|
|                      |        | CLD           | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| LED                  | colour | code          |       | K - ølm - CRI - degrees       |
| 9 modules            | black  | 22190138-22   | 35    | 4000K - 2795lm - CRI>90 - 17° |
|                      |        | 22190138-3931 |       | 3000K - 2655lm - CRI>90 - 17° |

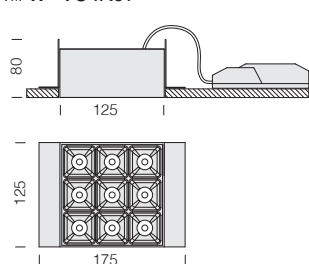


50.000h (L80B20)

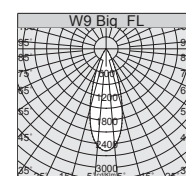
v.a. IP20 IK07  
v.l. IP40 IK07



UGR<16



| W9 Big FL - recessed |        |               |       |                               |
|----------------------|--------|---------------|-------|-------------------------------|
|                      |        | CLD           | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| LED                  | colour | code          |       | K - ølm - CRI - degrees       |
| 9 modules            | black  | 22190138-29   | 35    | 4000K - 3288lm - CRI>90 - 34° |
|                      |        | 22190138-3932 |       | 3000K - 3124lm - CRI>90 - 34° |



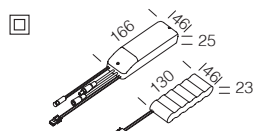
50.000h (L80B20)

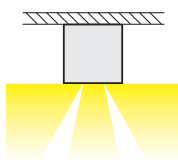
#### EM power kit

1h 22096015-00

3h 22096033-00

EM (emergency) lamp power kit complete with connectors.  
Installation height: 100mm min.





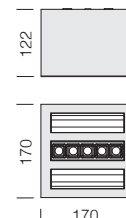
The innovative wall washer optic was designed to guarantee uniform lighting of walls, avoiding ant-aesthetic shadow areas. Suited for installation in transit areas or corridors.

**CRI>90**

**UGR<19**



**IP40 IK07**

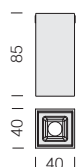


**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor  $\geq 0,92$ .

| Spot MW - ceiling - UGR<19                |        |             |       |                                         |
|-------------------------------------------|--------|-------------|-------|-----------------------------------------|
|                                           |        | CLD         |       | LUMEN OUTPUT (tq= 25 °C)                |
| LED                                       | colour | code        | W tot | K - ølm - CRI - degrees                 |
| 3 modules                                 | black  | 22520101-00 | 36    | 4000K - 2070lm - <b>CRI&gt;90</b> - 15° |
|                                           |        | 22520101-39 |       | 3000K - 1925lm - <b>CRI&gt;90</b> - 15° |
| Upon request: 30° version. Driver inside. |        |             |       |                                         |

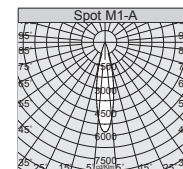


IP40 IK07



| Spot M1-A - ceiling - UGR<16 |        |             |       |                                        |
|------------------------------|--------|-------------|-------|----------------------------------------|
|                              |        | CLD S+L     |       | LUMEN OUTPUT (tq= 25 °C)               |
| LED                          | colour | code        | W tot | K - ølm - CRI - degrees                |
| 1 module                     | white  | 22510101-00 | 2     | 4000K - 200lm - <b>CRI&gt;90</b> - 20° |
|                              |        | 22510101-39 |       | 3000K - 186lm - <b>CRI&gt;90</b> - 20° |

Upon request: 15°-30° version. Driver not included, to insert into the ceiling.



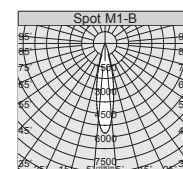
70.000h (L80B10)

IP40 IK07



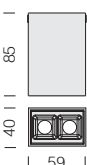
| Spot M1-B - ceiling - UGR<16 |        |             |       |                                        |
|------------------------------|--------|-------------|-------|----------------------------------------|
|                              |        | CLD S+L     |       | LUMEN OUTPUT (tq= 25 °C)               |
| LED                          | colour | code        | W tot | K - ølm - CRI - degrees                |
| 1 module                     | white  | 22510104-00 | 2     | 4000K - 209lm - <b>CRI&gt;90</b> - 20° |
|                              |        | 22510104-39 |       | 3000K - 194lm - <b>CRI&gt;90</b> - 20° |

Upon request: 15°-30° version. Driver not included, to insert into the ceiling.



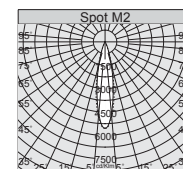
70.000h (L80B10)

IP40 IK07



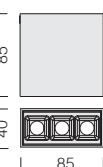
| Spot M2 - ceiling - UGR<16 |        |             |       |                                        |
|----------------------------|--------|-------------|-------|----------------------------------------|
|                            |        | CLD S+L     |       | LUMEN OUTPUT (tq= 25 °C)               |
| LED                        | colour | code        | W tot | K - ølm - CRI - degrees                |
| 2 modules                  | white  | 22510102-00 | 4     | 4000K - 380lm - <b>CRI&gt;90</b> - 20° |
|                            |        | 22510102-39 |       | 3000K - 353lm - <b>CRI&gt;90</b> - 20° |

Upon request: 15°-30° version. Driver not included, to insert into the ceiling.



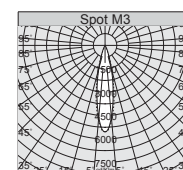
70.000h (L80B10)

IP40 IK07



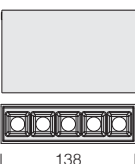
| Spot M3 - ceiling - UGR<16 |        |             |       |                                        |
|----------------------------|--------|-------------|-------|----------------------------------------|
|                            |        | CLD S+L     |       | LUMEN OUTPUT (tq= 25 °C)               |
| LED                        | colour | code        | W tot | K - ølm - CRI - degrees                |
| 3 modules                  | white  | 22510103-00 | 6     | 4000K - 570lm - <b>CRI&gt;90</b> - 20° |
|                            |        | 22510103-39 |       | 3000K - 530lm - <b>CRI&gt;90</b> - 20° |

Upon request: 15°-30° version. Driver not included, to insert into the ceiling.



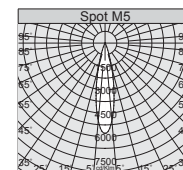
70.000h (L80B10)

IP40 IK07

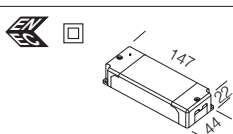


| Spot M5 - ceiling - UGR<16 |        |             |       |                                        |
|----------------------------|--------|-------------|-------|----------------------------------------|
|                            |        | CLD S+L     |       | LUMEN OUTPUT (tq= 25 °C)               |
| LED                        | colour | code        | W tot | K - ølm - CRI - degrees                |
| 5 modules                  | white  | 22510105-00 | 10    | 4000K - 940lm - <b>CRI&gt;90</b> - 20° |
|                            |        | 22510105-39 |       | 3000K - 874lm - <b>CRI&gt;90</b> - 20° |

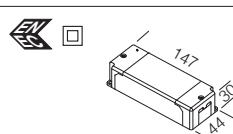
Upon request: 15°-30° version. Driver not included, to insert into the ceiling.



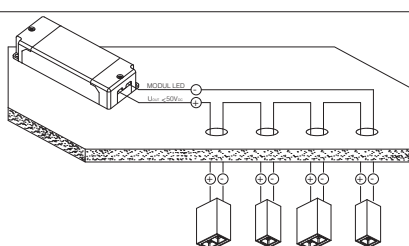
70.000h (L80B10)



| Driver ON-OFF                  |             |
|--------------------------------|-------------|
| white                          | 22090812-00 |
| Min. 2V - Max 44V-30W (700mA). |             |



| Driver DIMM-DALI                |               |
|---------------------------------|---------------|
| white                           | 22090813-1241 |
| Min. 10V - Max 54V-38W (700mA). |               |



| Spot M1 A - M1 B - M2 - M3 - M5      |                             |                             |                            |                            |                            |
|--------------------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|
| Acc.                                 | M1 A                        | M1 B                        | M2                         | M3                         | M5                         |
| 22090812-00<br>ON-OFF<br>700 mA      | Min. 1 Spot<br>Max. 14 Spot | Min. 1 Spot<br>Max. 14 Spot | Min. 1 Spot<br>Max. 7 Spot | Min. 1 Spot<br>Max. 4 Spot | Min. 1 Spot<br>Max. 2 Spot |
| 22090813-1241<br>DIMM-DALI<br>700 mA | Min. 4 Spot<br>Max. 18 Spot | Min. 4 Spot<br>Max. 18 Spot | Min. 2 Spot<br>Max. 9 Spot | Min. 2 Spot<br>Max. 6 Spot | Min. 1 Spot<br>Max. 3 Spot |





The system is made up of individual spotlights that can be installed into ceilings thanks to their remarkably small dimensions, allowing them to fit perfectly into any space.

These modules are characterised by high-definition comfort optics in metallized polycarbonate, ideal to optimise the luminous output and significantly reduce direct glare.

**Housing:** painted sheet steel, contact mounting on the cross T structure.

**Comfort optics:** in metallized anti-glare polycarbonate for improved visual comfort

**LED:** luminous flux maintenance 80%: 50.000h (L80B20). Power factor  $\geq 0,92$ .



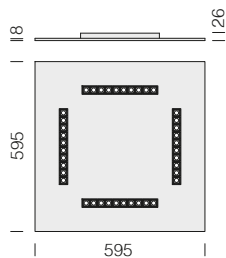
#### Classification of UGR values by applications

| UGR | $\leq 16$ | Very demanding applications (technical drawings)                         |
|-----|-----------|--------------------------------------------------------------------------|
|     | $\leq 19$ | Offices and schools (reading, writing, business meetings, computer work) |
|     | $\leq 22$ | Industrial applications, craftsmen                                       |
|     | $> 28$    | High glare                                                               |

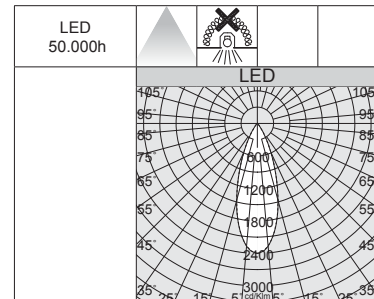
The UGR (unified glare rating) is an international unified measure developed by the CIE (Commission Internationale de l'Eclairage) to assess the direct glare generated by a lighting system. The European standard regulating the lighting of indoor work places (UNI-EN 12464-1) recommends a specific UGR value for different applications ranging between **10 and 30; the lower the UGR value, the lower the glare**. The exact value of this index differs by

project type because it depends on the position of the luminaires, room characteristics (dimensions, reflections) and on the point of observation of viewers.

IP40 IK07



Upon request version **CLD D-D (DALI)** wiring with **sub-code -1241**.



#### Spot panel 1 - UGR<16

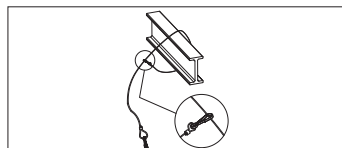
| CLD (ON-OFF) |        |        |             | LUMEN OUTPUT (tq= 25 °C) |                         |
|--------------|--------|--------|-------------|--------------------------|-------------------------|
| LED          | colour | weight | code        | W tot                    | K - ølm - CRI           |
| 40 modules   | white  | 2,80   | 22540102-00 | 40                       | 5700K - 4062lm - CRI 80 |

Luminaire made up of 4 comfort optics systems with UGR<16 controlled light.

#### Safety cord

22004112-00

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.







**Housing:** in die-cast aluminium with adjustable and tilting spotlights.

**Equipment:** equipped with galvanised steel support brackets which guarantee perfect attachment to suspended ceiling from 12 mm to 25 mm thick.

**Lens:** in PMMA with high efficiency output and very low glare rate.

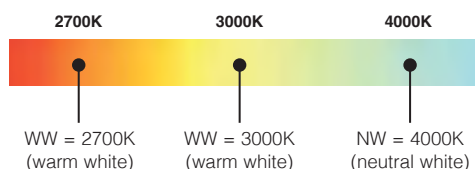
**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.95.

#### Upon request:

- available version with terminal block for double insulation electrical wiring with the possibility for loop-in connection (-90).
- version with CASAMBI automation lighting control system (fixtures **to be installed in NON-METALLIC false ceilings/panels**). For further information see chapter *Technical components*.



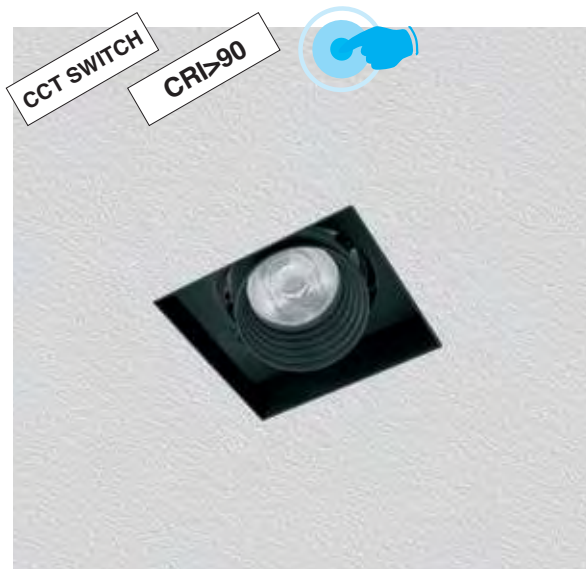
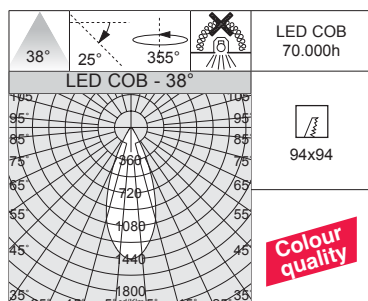
The main feature of this luminaire is the "colour-changing" technology: with the built-in selector switch positioned on the fixture's body, you can choose the desired colour temperature (2700K-3000K-4000K), adjusting its emission to most lighting installations.



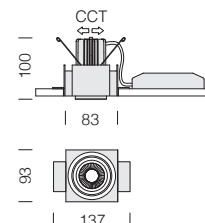
#### Interchangeable LED module precision lens

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
|             |             |             |             |             |
| 20°         | 26°         | 60°         | ASYMMETRIC  | ELLIPTICAL  |
| 22029020-00 | 22029026-00 | 22029060-00 | 22029070-00 | 22029080-00 |

Interchangeable LED module lens, ideal for precision lighting.



IP20 IK07



#### Trimless 50 - A1 - CCT / DIP SWITCH

| LED | colour | weight | code        | CLD |    | LUMEN OUTPUT (tq= 25 °C)     |  |
|-----|--------|--------|-------------|-----|----|------------------------------|--|
|     |        |        |             |     |    | K - ølm - CRI - degrees      |  |
| COB | black  | 0,70   | 22105135-00 | 250 | 10 | 2700K - 833lm - CRI>90 - 38° |  |
|     |        |        |             |     |    | 3000K - 888lm - CRI>90 - 38° |  |
|     |        |        |             |     |    | 4000K - 924lm - CRI>90 - 38° |  |

Upon request: DIMM DALI (-1241) version.

#### DIP SWITCH SETTING

| LUMEN OUTPUT (tq= 25 °C) |       | K - ølm - CRI - degrees       |  |
|--------------------------|-------|-------------------------------|--|
| I out                    | W tot | K - ølm - CRI - degrees       |  |
| 200                      | 8     | 2700K - 666lm - CRI>90 - 38°  |  |
| 250                      | 10    | 2700K - 833lm - CRI>90 - 38°  |  |
| 300                      | 12    | 2700K - 961lm - CRI>90 - 38°  |  |
| 350                      | 14    | 2700K - 1100lm - CRI>90 - 38° |  |

#### DIP SWITCH SETTING

| LUMEN OUTPUT (tq= 25 °C) |       | K - ølm - CRI - degrees       |  |
|--------------------------|-------|-------------------------------|--|
| I out                    | W tot | K - ølm - CRI - degrees       |  |
| 200                      | 8     | 3000K - 715lm - CRI>90 - 38°  |  |
| 250                      | 10    | 3000K - 888lm - CRI>90 - 38°  |  |
| 300                      | 12    | 3000K - 1037lm - CRI>90 - 38° |  |
| 350                      | 14    | 3000K - 1209lm - CRI>90 - 38° |  |

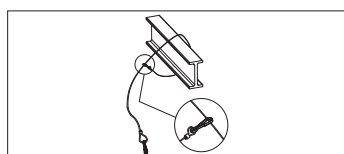
#### DIP SWITCH SETTING

| LUMEN OUTPUT (tq= 25 °C) |       | K - ølm - CRI - degrees       |  |
|--------------------------|-------|-------------------------------|--|
| I out                    | W tot | K - ølm - CRI - degrees       |  |
| 200                      | 8     | 4000K - 746lm - CRI>90 - 38°  |  |
| 250                      | 10    | 4000K - 924lm - CRI>90 - 38°  |  |
| 300                      | 12    | 4000K - 1073lm - CRI>90 - 38° |  |
| 350                      | 14    | 4000K - 1229lm - CRI>90 - 38° |  |

#### EM power kit

|    |             |
|----|-------------|
| 1h | 22096015-00 |
| 3h | 22096033-00 |

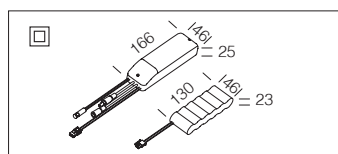
EM (emergency) lamp power kit complete with connectors.



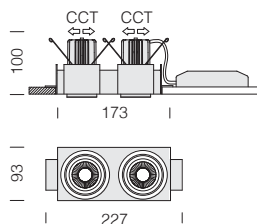
#### Safety cord

22004112-00

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.

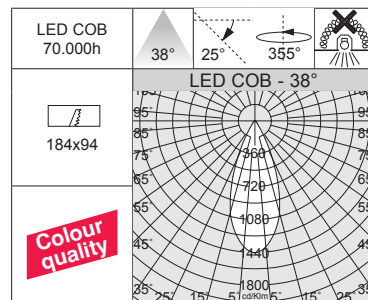


IP20 IK07



CCT SWITCH

CRI&gt;90



## Trimless 50 - A2 - CCT / DIP SWITCH

| LED | colour | weight | CLD code    | LUMEN OUTPUT (tq= 25 °C) |       |
|-----|--------|--------|-------------|--------------------------|-------|
|     |        |        |             | I out                    | W tot |
| COB | black  | 1,30   | 22105235-00 | 250                      | 20    |
|     |        |        |             |                          |       |
|     |        |        |             |                          |       |

Upon request: DIMM DALI (-1241) version.

| DIP SWITCH SETTING |       |
|--------------------|-------|
| I out              | W tot |
| 200                | 16    |
| 250                | 20    |
| 300                | 24    |
| 350                | 28    |

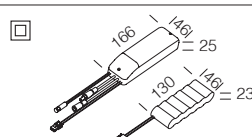
| DIP SWITCH SETTING |       |
|--------------------|-------|
| I out              | W tot |
| 200                | 16    |
| 250                | 20    |
| 300                | 24    |
| 350                | 28    |

| DIP SWITCH SETTING |       |
|--------------------|-------|
| I out              | W tot |
| 200                | 16    |
| 250                | 20    |
| 300                | 24    |
| 350                | 28    |

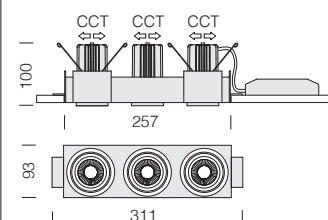
## EM power kit

|    |             |
|----|-------------|
| 1h | 22096015-00 |
| 3h | 22096033-00 |

EM (emergency) lamp power kit complete with connectors. For one single emergency lamp.

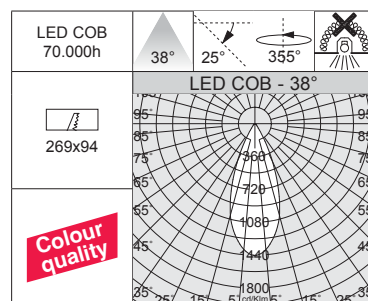


IP20 IK07



CCT SWITCH

CRI&gt;90



## Trimless 50 - A3 - CCT / DIP SWITCH

| LED | colour | weight | CLD code    | LUMEN OUTPUT (tq= 25 °C) |       |
|-----|--------|--------|-------------|--------------------------|-------|
|     |        |        |             | I out                    | W tot |
| COB | black  | 2,20   | 22105335-00 | 250                      | 30    |
|     |        |        |             |                          |       |
|     |        |        |             |                          |       |

Upon request: DIMM DALI (-1241) version.

| DIP SWITCH SETTING |       |
|--------------------|-------|
| I out              | W tot |
| 200                | 24    |
| 250                | 30    |
| 300                | 36    |
| 350                | 42    |

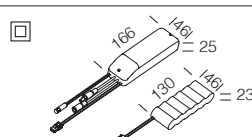
| DIP SWITCH SETTING |       |
|--------------------|-------|
| I out              | W tot |
| 200                | 24    |
| 250                | 30    |
| 300                | 36    |
| 350                | 42    |

| DIP SWITCH SETTING |       |
|--------------------|-------|
| I out              | W tot |
| 200                | 24    |
| 250                | 30    |
| 300                | 36    |
| 350                | 42    |

## EM power kit

|    |             |
|----|-------------|
| 1h | 22096015-00 |
| 3h | 22096033-00 |

EM (emergency) lamp power kit complete with connectors. For one single emergency lamp.







**Housing:** in die-cast aluminium with adjustable and tilting spotlights.

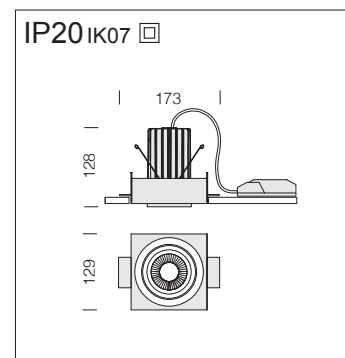
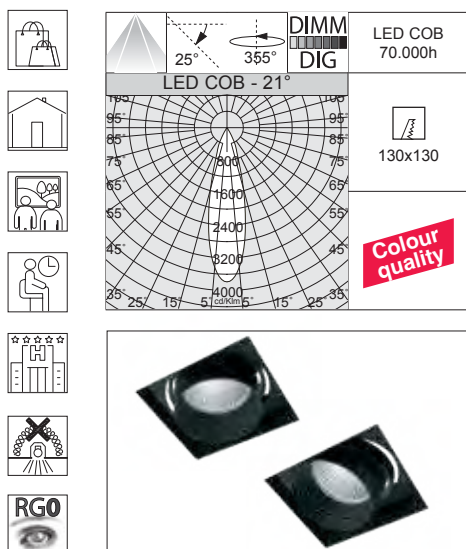
**Equipment:** equipped with galvanised steel support brackets which guarantee perfect attachment to suspended ceiling from 12 mm to 25 mm thick.

**Lens:** in PMMA with high efficiency output and very low glare rate.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.95.

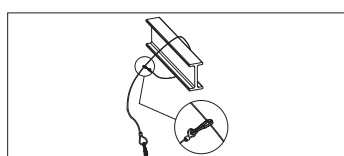
**Upon request:**

- available version with terminal block for double insulation electrical wiring with the possibility for loop-in connection (-90).
  - version with CASAMBI automation lighting control system (fixtures **to be installed in NON-METALLIC false ceilings/panels**).
- For further information see chapter *Technical components*.



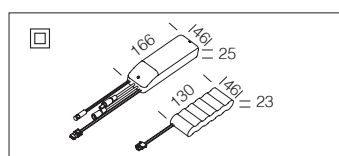
**Trimless 70 - A1**

|     |        | CLD    |             | CLD D-DIG (DALI) |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|-----|--------|--------|-------------|------------------|-------|-------------------------------|--|
| LED | colour | weight | code        | code             | W tot | K - ølm - CRI - degrees       |  |
| COB | black  | 1,00   | 22107131-00 | 22107131-1241    | 25    | 4000K - 2448lm - CRI>90 - 21° |  |
|     |        |        | 22107130-00 | 22107130-1241    |       | 3000K - 2376lm - CRI>90 - 21° |  |
| COB | black  | 1,00   | 22107133-00 | 22107133-1241    | 25    | 4000K - 2448lm - CRI>90 - 28° |  |
|     |        |        | 22107132-00 | 22107132-1241    |       | 3000K - 2376lm - CRI>90 - 28° |  |
| COB | black  | 1,00   | 22107135-00 | 22107135-1241    | 25    | 4000K - 2262lm - CRI>90 - 40° |  |
|     |        |        | 22107134-00 | 22107134-1241    |       | 3000K - 2103lm - CRI>90 - 40° |  |



**Safety cord**  
22004112-00

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.

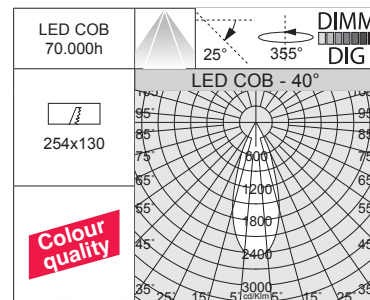
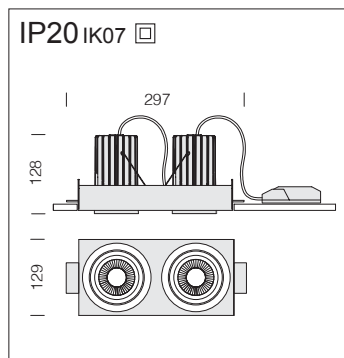


**EM power kit**

|    |             |
|----|-------------|
| 1h | 22096015-00 |
| 3h | 22096033-00 |

EM (emergency) lamp power kit complete with connectors.





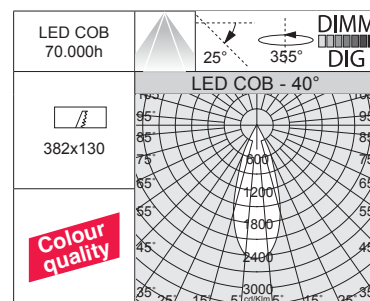
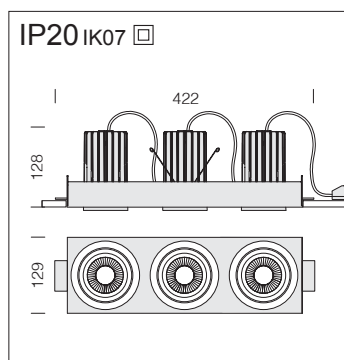
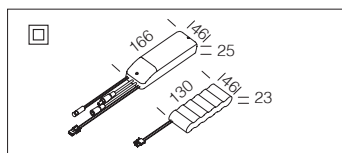
## Trimless 70 - A2

| LED | colour | weight | CLD         | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C)        |
|-----|--------|--------|-------------|------------------|-------|---------------------------------|
|     |        |        | code        | code             |       | K - ølm - CRI - degrees         |
| COB | black  | 2,20   | 22107231-00 | 22107231-1241    | 50    | 4000K - 2x2448lm - CRI>90 - 21° |
|     |        |        | 22107230-00 | 22107230-1241    |       | 3000K - 2x2376lm - CRI>90 - 21° |
| COB | black  | 2,20   | 22107233-00 | 22107233-1241    | 50    | 4000K - 2x2448lm - CRI>90 - 28° |
|     |        |        | 22107232-00 | 22107232-1241    |       | 3000K - 2x2376lm - CRI>90 - 28° |
| COB | black  | 2,20   | 22107235-00 | 22107235-1241    | 50    | 4000K - 2x2262lm - CRI>90 - 40° |
|     |        |        | 22107234-00 | 22107234-1241    |       | 3000K - 2x2103lm - CRI>90 - 40° |

EM power kit

|    |             |
|----|-------------|
| 1h | 22096015-00 |
| 3h | 22096033-00 |

EM (emergency) lamp power kit complete with connectors. For one single emergency lamp.



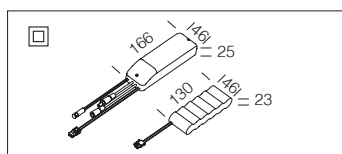
## Trimless 70 - A3

| LED | colour | weight | CLD         | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C)        |
|-----|--------|--------|-------------|------------------|-------|---------------------------------|
|     |        |        | code        | code             |       | K - ølm - CRI - degrees         |
| COB | black  | 3,10   | 22107331-00 | 22107331-1241    | 75    | 4000K - 3x2448lm - CRI>90 - 21° |
|     |        |        | 22107330-00 | 22107330-1241    |       | 3000K - 3x2376lm - CRI>90 - 21° |
| COB | black  | 3,10   | 22107333-00 | 22107333-1241    | 75    | 4000K - 3x2448lm - CRI>90 - 28° |
|     |        |        | 22107332-00 | 22107332-1241    |       | 3000K - 3x2376lm - CRI>90 - 28° |
| COB | black  | 3,10   | 22107335-00 | 22107335-1241    | 75    | 4000K - 3x2262lm - CRI>90 - 40° |
|     |        |        | 22107334-00 | 22107334-1241    |       | 3000K - 3x2103lm - CRI>90 - 40° |

EM power kit

|    |             |
|----|-------------|
| 1h | 22096015-00 |
| 3h | 22096033-00 |

EM (emergency) lamp power kit complete with connectors. For one single emergency lamp.





**Housing:** in die-cast aluminium with adjustable and tilting spotlights.

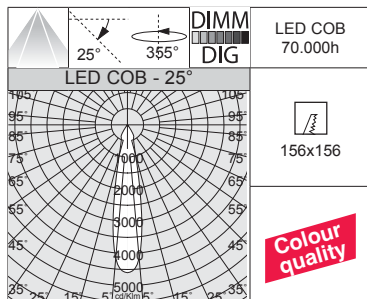
**Equipment:** equipped with galvanised steel support brackets which guarantee perfect attachment to suspended ceiling from 12 mm to 25 mm thick.

**Lens:** in PMMA with high efficiency output and very low glare rate.

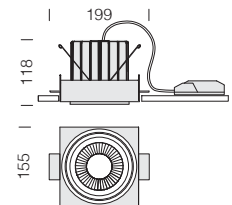
**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.95.

**Upon request:**

- available version with terminal block for double insulation electrical wiring with the possibility for loop-in connection (-90).
- version with CASAMBI automation lighting control system (fixtures **to be installed in NON-METALLIC false ceilings/panels**). For further information see chapter *Technical components*.

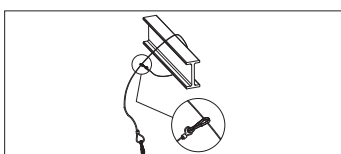


IP20 IK07



**Trimless 111 - A1**

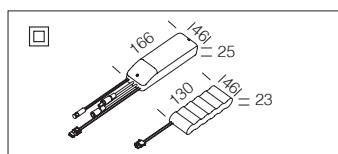
|     |        | CLD    |             | CLD D-DIG (DALI) |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|-----|--------|--------|-------------|------------------|-------|-------------------------------|--|
| LED | colour | weight | code        | code             | W tot | K - ølm - CRI - degrees       |  |
| COB | black  | 1,50   | 22111131-00 | 22111131-1241    | 38    | 4000K - 3654lm - CRI>90 - 15° |  |
|     |        |        | 22111130-00 | 22111130-1241    |       | 3000K - 3398lm - CRI>90 - 15° |  |
| COB | black  | 1,50   | 22111133-00 | 22111133-1241    | 38    | 4000K - 3583lm - CRI>90 - 25° |  |
|     |        |        | 22111132-00 | 22111132-1241    |       | 3000K - 3332lm - CRI>90 - 25° |  |
| COB | black  | 1,50   | 22111135-00 | 22111135-1241    | 38    | 4000K - 3534lm - CRI>90 - 40° |  |
|     |        |        | 22111134-00 | 22111134-1241    |       | 3000K - 3287lm - CRI>90 - 40° |  |



**Safety cord**

22004112-00

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.

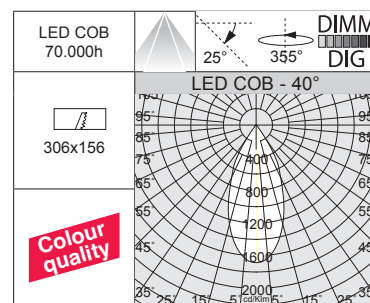
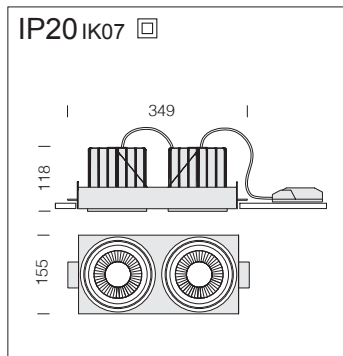


**EM power kit**

1h 22096015-00  
3h 22096033-00

EM (emergency) lamp power kit complete with connectors.





| Trimless 111 - A2 |        |        |             |                          |       |
|-------------------|--------|--------|-------------|--------------------------|-------|
| LED               | colour | weight | CLD<br>code | CLD D-DIG (DALI)<br>code | W tot |
| COB               | black  | 3,10   | 22111231-00 | 22111231-1241            | 76    |
|                   |        |        | 22111230-00 | 22111230-1241            |       |
| COB               | black  | 3,10   | 22111233-00 | 22111233-1241            | 76    |
|                   |        |        | 22111232-00 | 22111232-1241            |       |
| COB               | black  | 3,10   | 22111235-00 | 22111235-1241            | 76    |
|                   |        |        | 22111234-00 | 22111234-1241            |       |

## LUMEN OUTPUT (tq= 25 °C)

K - ølm - CRI - degrees

4000K - 2x3654lm - CRI&gt;90 - 15°

3000K - 2x3398lm - CRI&gt;90 - 15°

4000K - 2x3583lm - CRI&gt;90 - 25°

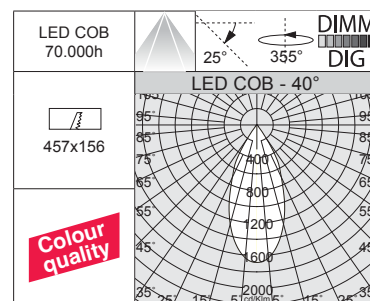
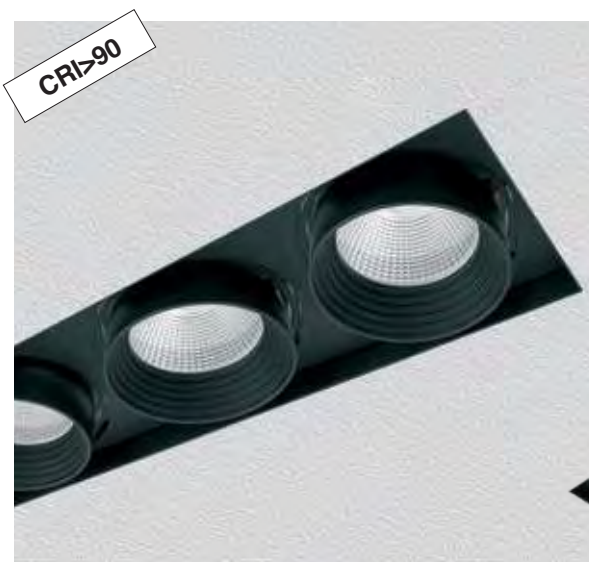
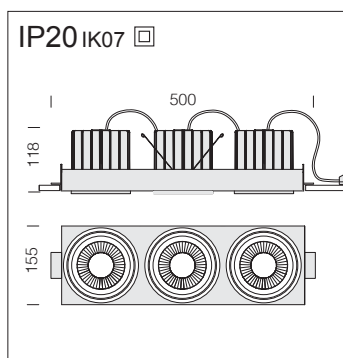
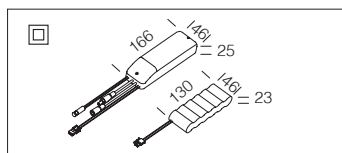
3000K - 2x3332lm - CRI&gt;90 - 25°

4000K - 2x3534lm - CRI&gt;90 - 40°

3000K - 2x3287lm - CRI&gt;90 - 40°

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors. For one single emergency lamp.



| Trimless 111 - A3 |        |        |             |                          |       |
|-------------------|--------|--------|-------------|--------------------------|-------|
| LED               | colour | weight | CLD<br>code | CLD D-DIG (DALI)<br>code | W tot |
| COB               | black  | 4,40   | 22111331-00 | 22111331-1241            | 114   |
|                   |        |        | 22111330-00 | 22111330-1241            |       |
| COB               | black  | 4,40   | 22111333-00 | 22111333-1241            | 114   |
|                   |        |        | 22111332-00 | 22111332-1241            |       |
| COB               | black  | 4,40   | 22111335-00 | 22111335-1241            | 114   |
|                   |        |        | 22111334-00 | 22111334-1241            |       |

## LUMEN OUTPUT (tq= 25 °C)

K - ølm - CRI - degrees

4000K - 3x3654lm - CRI&gt;90 - 15°

3000K - 3x3398lm - CRI&gt;90 - 15°

4000K - 3x3583lm - CRI&gt;90 - 25°

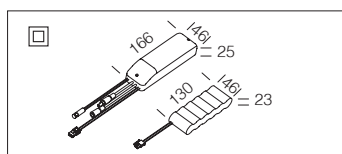
3000K - 3x3332lm - CRI&gt;90 - 25°

4000K - 3x3534lm - CRI&gt;90 - 40°

3000K - 3x3287lm - CRI&gt;90 - 40°

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors. For one single emergency lamp.







**Housing:** in die-cast aluminium with adjustable and tilting spotlights.

**Equipment:** equipped with galvanised steel support brackets which guarantee perfect attachment to suspended ceiling from 12 mm to 25 mm thick.

**Lens:** in PMMA with high efficiency output and very low glare rate.

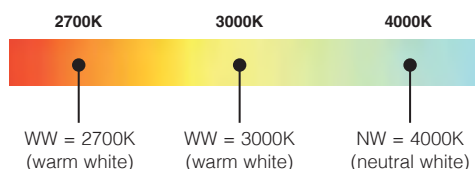
**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.95.

**Upon request:**

- available version with terminal block for double insulation electrical wiring with the possibility for loop-in connection (-90).
  - version with CASAMBI automation lighting control system (fixtures **to be installed in NON-METALLIC false ceilings/panels**).
- For further information see chapter *Technical components*.

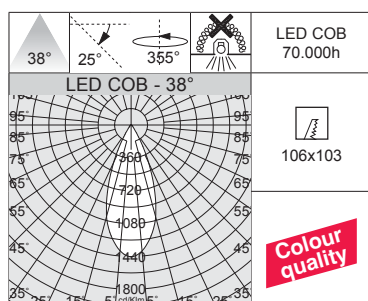


The main feature of this luminaire is the "colour-changing" technology: with the built-in selector switch positioned on the fixture's body, you can choose the desired colour temperature (2700K-3000K-4000K), adjusting its emission to most lighting installations.



**Interchangeable LED module precision lens**

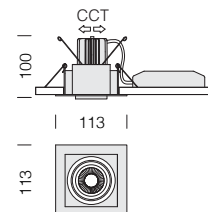
|                                                                |             |             |             |             |
|----------------------------------------------------------------|-------------|-------------|-------------|-------------|
|                                                                |             |             |             |             |
| 20°                                                            | 26°         | 60°         | ASYMMETRIC  | ELLIPTICAL  |
| 22029020-00                                                    | 22029026-00 | 22029060-00 | 22029070-00 | 22029080-00 |
| Interchangeable LED module lens, ideal for precision lighting. |             |             |             |             |



**Upon request:** available in black colour version.



IP20 IK07



**Trimless 50 - B1 - CCT / DIP SWITCH**

| LED | colour | weight | code        | CLD   |       | LUMEN OUTPUT (tq= 25 °C)     |  |
|-----|--------|--------|-------------|-------|-------|------------------------------|--|
|     |        |        |             | I out | W tot | K - ølm - CRI - degrees      |  |
| COB | white  | 1,00   | 22105115-00 | 250   | 10    | 2700K - 833lm - CRI>90 - 38° |  |
|     |        |        |             |       |       | 3000K - 888lm - CRI>90 - 38° |  |
|     |        |        |             |       |       | 4000K - 924lm - CRI>90 - 38° |  |

**Upon request:** DIMM DALI (-1241) version.

**DIP SWITCH SETTING**

|       |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|-------|-------|-------------------------------|--|
| I out | W tot | K - ølm - CRI - degrees       |  |
| 200   | 8     | 2700K - 666lm - CRI>90 - 38°  |  |
| 250   | 10    | 2700K - 833lm - CRI>90 - 38°  |  |
| 300   | 12    | 2700K - 961lm - CRI>90 - 38°  |  |
| 350   | 14    | 2700K - 1100lm - CRI>90 - 38° |  |

**DIP SWITCH SETTING**

|       |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|-------|-------|-------------------------------|--|
| I out | W tot | K - ølm - CRI - degrees       |  |
| 200   | 8     | 3000K - 715lm - CRI>90 - 38°  |  |
| 250   | 10    | 3000K - 888lm - CRI>90 - 38°  |  |
| 300   | 12    | 3000K - 1037lm - CRI>90 - 38° |  |
| 350   | 14    | 3000K - 1209lm - CRI>90 - 38° |  |

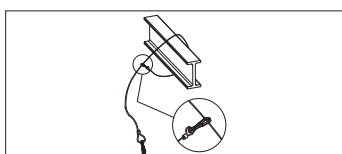
**DIP SWITCH SETTING**

|       |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|-------|-------|-------------------------------|--|
| I out | W tot | K - ølm - CRI - degrees       |  |
| 200   | 8     | 4000K - 746lm - CRI>90 - 38°  |  |
| 250   | 10    | 4000K - 824lm - CRI>90 - 38°  |  |
| 300   | 12    | 4000K - 1073lm - CRI>90 - 38° |  |
| 350   | 14    | 4000K - 1229lm - CRI>90 - 38° |  |

**EM power kit**

|    |             |
|----|-------------|
| 1h | 22096015-00 |
| 3h | 22096033-00 |

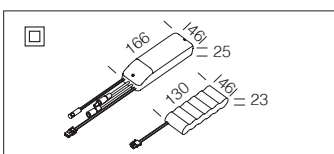
EM (emergency) lamp power kit complete with connectors.



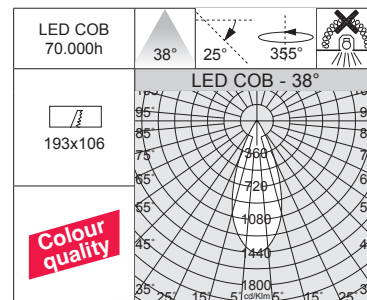
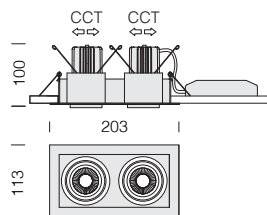
**Safety cord**

22004112-00

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.



IP20 IK07



Upon request: available in black colour version.



## Trimless 50 - B2 - CCT / DIP SWITCH

|     |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |
|-----|--------|--------|-------------|--------------------------|-------|
| LED | colour | weight | code        | I out                    | W tot |
| COB | white  | 1,60   | 22105215-00 | 250                      | 20    |
|     |        |        |             |                          |       |
|     |        |        |             |                          |       |

Upon request: DIMM DALI (-1241) version.

|       |       | DIP SWITCH SETTING       |              |
|-------|-------|--------------------------|--------------|
| I out | W tot | LUMEN OUTPUT (tq= 25 °C) |              |
|       |       | K - ølm - CRI - degrees  |              |
| 200   | 16    | 2700K - 2x666lm          | CRI>90 - 38° |
| 250   | 20    | 2700K - 2x833lm          | CRI>90 - 38° |
| 300   | 24    | 2700K - 2x961lm          | CRI>90 - 38° |
| 350   | 28    | 2700K - 2x1100lm         | CRI>90 - 38° |

|       |       | DIP SWITCH SETTING       |              |
|-------|-------|--------------------------|--------------|
| I out | W tot | LUMEN OUTPUT (tq= 25 °C) |              |
|       |       | K - ølm - CRI - degrees  |              |
| 200   | 16    | 3000K - 2x715lm          | CRI>90 - 38° |
| 250   | 20    | 3000K - 2x888lm          | CRI>90 - 38° |
| 300   | 24    | 3000K - 2x1037lm         | CRI>90 - 38° |
| 350   | 28    | 3000K - 2x1209lm         | CRI>90 - 38° |

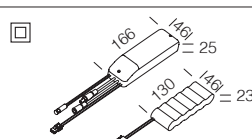
|       |       | DIP SWITCH SETTING       |              |
|-------|-------|--------------------------|--------------|
| I out | W tot | LUMEN OUTPUT (tq= 25 °C) |              |
|       |       | K - ølm - CRI - degrees  |              |
| 200   | 16    | 4000K - 2x746lm          | CRI>90 - 38° |
| 250   | 20    | 4000K - 2x924lm          | CRI>90 - 38° |
| 300   | 24    | 4000K - 2x1073lm         | CRI>90 - 38° |
| 350   | 28    | 4000K - 2x1229lm         | CRI>90 - 38° |

## EM power kit

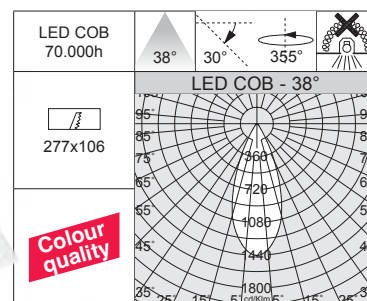
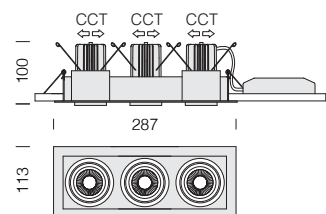
1h 22096015-00

3h 22096033-00

EM (emergency) lamp power kit complete with connectors. For one single emergency lamp.



IP20 IK07



Upon request: available in black colour version.



## Trimless 50 - B3 - CCT / DIP SWITCH

|     |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |
|-----|--------|--------|-------------|--------------------------|-------|
| LED | colour | weight | code        | I out                    | W tot |
| COB | white  | 2,20   | 22105315-00 | 250                      | 30    |
|     |        |        |             |                          |       |
|     |        |        |             |                          |       |

Upon request: DIMM DALI (-1241) version.

|       |       | DIP SWITCH SETTING       |              |
|-------|-------|--------------------------|--------------|
| I out | W tot | LUMEN OUTPUT (tq= 25 °C) |              |
|       |       | K - ølm - CRI - degrees  |              |
| 200   | 24    | 2700K - 3x666lm          | CRI>90 - 38° |
| 250   | 30    | 2700K - 3x833lm          | CRI>90 - 38° |
| 300   | 36    | 2700K - 3x961lm          | CRI>90 - 38° |
| 350   | 42    | 2700K - 3x1100lm         | CRI>90 - 38° |

|       |       | DIP SWITCH SETTING       |              |
|-------|-------|--------------------------|--------------|
| I out | W tot | LUMEN OUTPUT (tq= 25 °C) |              |
|       |       | K - ølm - CRI - degrees  |              |
| 200   | 24    | 3000K - 3x715lm          | CRI>90 - 38° |
| 250   | 30    | 3000K - 3x888lm          | CRI>90 - 38° |
| 300   | 36    | 3000K - 3x1037lm         | CRI>90 - 38° |
| 350   | 42    | 3000K - 3x1209lm         | CRI>90 - 38° |

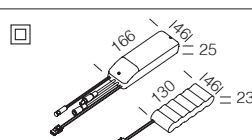
|       |       | DIP SWITCH SETTING       |              |
|-------|-------|--------------------------|--------------|
| I out | W tot | LUMEN OUTPUT (tq= 25 °C) |              |
|       |       | K - ølm - CRI - degrees  |              |
| 200   | 24    | 4000K - 3x746lm          | CRI>90 - 38° |
| 250   | 30    | 4000K - 3x924lm          | CRI>90 - 38° |
| 300   | 36    | 4000K - 3x1073lm         | CRI>90 - 38° |
| 350   | 42    | 4000K - 3x1229lm         | CRI>90 - 38° |

## EM power kit

1h 22096015-00

3h 22096033-00

EM (emergency) lamp power kit complete with connectors. For one single emergency lamp.







**Housing:** in die-cast aluminium with adjustable and tilting spotlights.

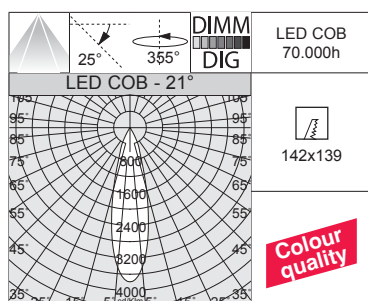
**Equipment:** equipped with galvanised steel support brackets which guarantee perfect attachment to suspended ceiling from 12 mm to 25 mm thick.

**Lens:** in PMMA with high efficiency output and very low glare rate.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.95.

**Upon request:**

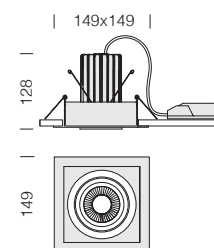
- available version with terminal block for double insulation electrical wiring with the possibility for loop-in connection (-90).
- version with CASAMBI automation lighting control system (fixtures **to be installed in NON-METALLIC false ceilings/panels**). For further information see chapter *Technical components*.



**Upon request:** available in black colour version.

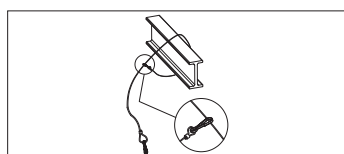


IP20 IK07



### Trimless 70 - B1

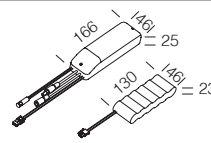
| LED | colour | weight | CLD         | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|-----|--------|--------|-------------|------------------|-------|-------------------------------|
|     |        |        | code        | code             |       | K - ølm - CRI - degrees       |
| COB | white  | 1,30   | 22107111-00 | 22107111-1241    | 25    | 4000K - 2448lm - CRI>90 - 21° |
|     |        |        | 22107110-00 | 22107110-1241    |       | 3000K - 2376lm - CRI>90 - 21° |
| COB | white  | 1,30   | 22107113-00 | 22107113-1241    | 25    | 4000K - 2448lm - CRI>90 - 28° |
|     |        |        | 22107112-00 | 22107112-1241    |       | 3000K - 2376lm - CRI>90 - 28° |
| COB | white  | 1,30   | 22107115-00 | 22107115-1241    | 25    | 4000K - 2262lm - CRI>90 - 40° |
|     |        |        | 22107114-00 | 22107114-1241    |       | 3000K - 2103lm - CRI>90 - 40° |



**Safety cord**

22004112-00

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.

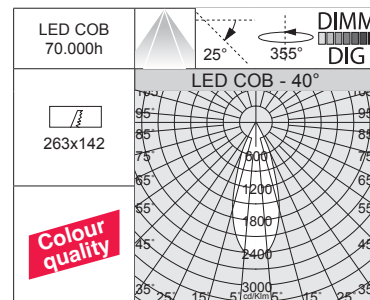
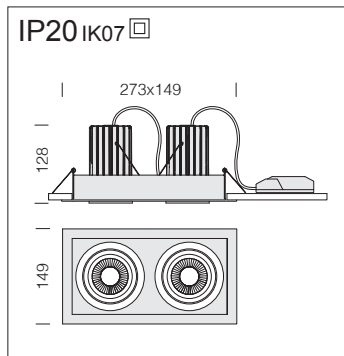


**EM power kit**

1h 22096015-00  
3h 22096033-00

EM (emergency) lamp power kit complete with connectors.





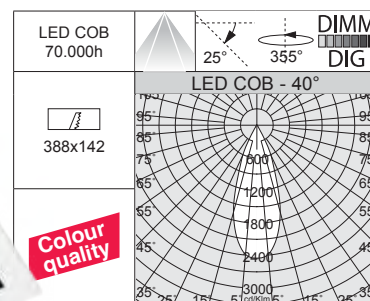
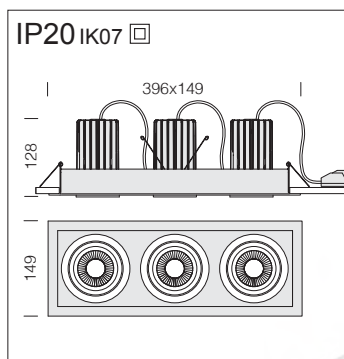
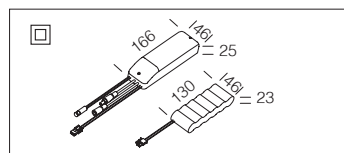
**Upon request:** available in black colour version.



| Trimless 70 - B2 |        |        |             |                  |       |                                 |                          |
|------------------|--------|--------|-------------|------------------|-------|---------------------------------|--------------------------|
|                  |        | CLD    |             | CLD D-DIG (DALI) |       |                                 | LUMEN OUTPUT (tq= 25 °C) |
| LED              | colour | weight | code        | code             | W tot | K - ølm - CRI - degrees         |                          |
| COB              | white  | 2,20   | 22107211-00 | 22107211-1241    | 50    | 4000K - 2x2448lm - CRI>90 - 21° |                          |
|                  |        |        | 22107210-00 | 22107210-1241    |       | 3000K - 2x2376lm - CRI>90 - 21° |                          |
| COB              | white  | 2,20   | 22107213-00 | 22107213-1241    | 50    | 4000K - 2x2448lm - CRI>90 - 28° |                          |
|                  |        |        | 22107212-00 | 22107212-1241    |       | 3000K - 2x2376lm - CRI>90 - 28° |                          |
| COB              | white  | 2,20   | 22107215-00 | 22107215-1241    | 50    | 4000K - 2x2262lm - CRI>90 - 40° |                          |
|                  |        |        | 22107214-00 | 22107214-1241    |       | 3000K - 2x2103lm - CRI>90 - 40° |                          |

| EM power kit |                      |
|--------------|----------------------|
| 1h           | 220 <b>96015</b> -00 |
| 3h           | 220 <b>96033</b> -00 |

EM (emergency) lamp power kit complete with connectors. For one single emergency lamp.



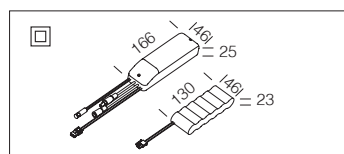
**Upon request:** available in black colour version.



| Trimless 70 - B3 |        |        |             |                  |       |                                           |
|------------------|--------|--------|-------------|------------------|-------|-------------------------------------------|
|                  |        | CLD    |             | CLD D-DIG (DALI) |       | LUMEN OUTPUT (tq= 25 °C)                  |
| LED              | colour | weight | code        | code             | W tot | K - ølm - CRI - degrees                   |
| COB              | white  | 3,10   | 22107311-00 | 22107311-1241    | 75    | 4000K - 3x2448lm - <b>CRI&gt;90</b> - 21° |
|                  |        |        | 22107310-00 | 22107310-1241    |       | 3000K - 3x2376lm - <b>CRI&gt;90</b> - 21° |
| COB              | white  | 3,10   | 22107313-00 | 22107313-1241    | 75    | 4000K - 3x2448lm - <b>CRI&gt;90</b> - 28° |
|                  |        |        | 22107312-00 | 22107312-1241    |       | 3000K - 3x2376lm - <b>CRI&gt;90</b> - 28° |
| COB              | white  | 3,10   | 22107315-00 | 22107315-1241    | 75    | 4000K - 3x2262lm - <b>CRI&gt;90</b> - 40° |
|                  |        |        | 22107314-00 | 22107314-1241    |       | 3000K - 3x2103lm - <b>CRI&gt;90</b> - 40° |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors. For one single emergency lamp.





**Housing:** in die-cast aluminium with adjustable and tilting spotlights.

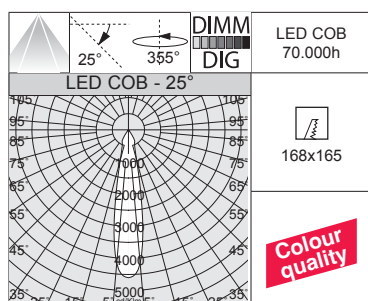
**Equipment:** equipped with galvanised steel support brackets which guarantee perfect attachment to suspended ceiling from 12 mm to 25 mm thick.

**Lens:** in PMMA with high efficiency output and very low glare rate.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.95.

**Upon request:**

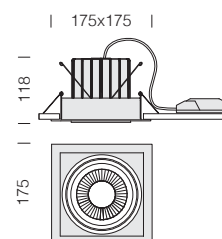
- available version with terminal block for double insulation electrical wiring with the possibility for loop-in connection (-90).
  - version with CASAMBI automation lighting control system (fixtures **to be installed in NON-METALLIC false ceilings/panels**).
- For further information see chapter *Technical components*.



Upon request: available in black colour version.

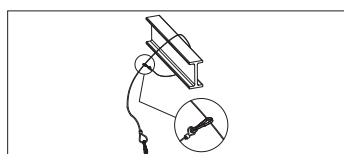


IP20 IK07



### Trimless 111 - B1

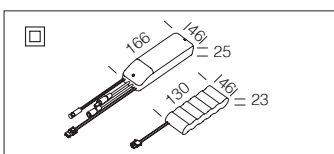
|     |        | CLD    |             | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|-----|--------|--------|-------------|------------------|-------|-------------------------------|
| LED | colour | weight | code        | code             |       | K - ølm - CRI - degrees       |
| COB | white  | 1,70   | 22111111-00 | 22111111-1241    | 38    | 4000K - 3654lm - CRI>90 - 15° |
|     |        |        | 22111110-00 | 22111110-1241    |       | 3000K - 3398lm - CRI>90 - 15° |
| COB | white  | 1,70   | 22111113-00 | 22111113-1241    | 38    | 4000K - 3583lm - CRI>90 - 25° |
|     |        |        | 22111112-00 | 22111112-1241    |       | 3000K - 3332lm - CRI>90 - 25° |
| COB | white  | 1,70   | 22111115-00 | 22111115-1241    | 38    | 4000K - 3534lm - CRI>90 - 40° |
|     |        |        | 22111114-00 | 22111114-1241    |       | 3000K - 3287lm - CRI>90 - 40° |



#### Safety cord

22004112-00

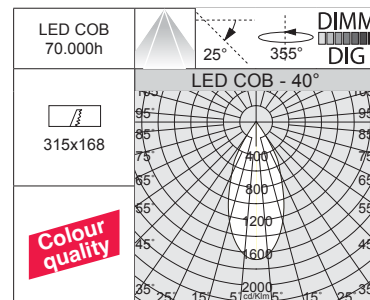
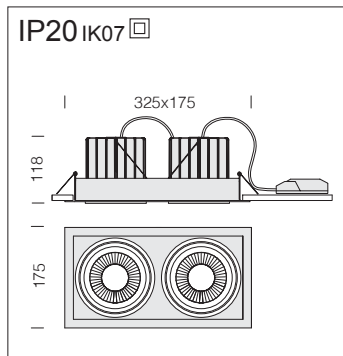
Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.



#### EM power kit

1h 22096015-00  
3h 22096033-00

EM (emergency) lamp power kit complete with connectors.



Upon request: available in black colour version.

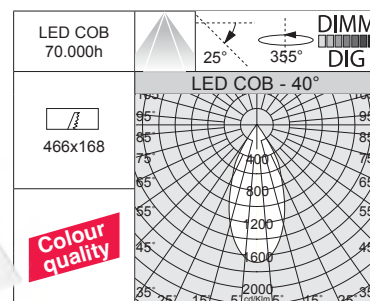
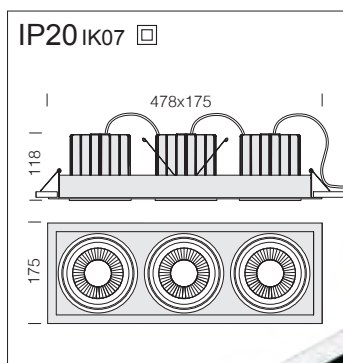
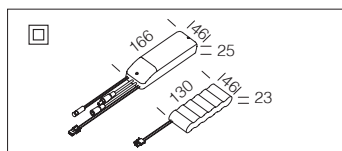


| Trimless 111 - B2 |        |        |             |                       |       |
|-------------------|--------|--------|-------------|-----------------------|-------|
| LED               | colour | weight | CLD code    | CLD D-DIG (DALI) code | W tot |
| COB               | white  | 3,10   | 22111211-00 | 22111211-1241         | 76    |
|                   |        |        | 22111210-00 | 22111210-1241         |       |
| COB               | white  | 3,10   | 22111213-00 | 22111213-1241         | 76    |
|                   |        |        | 22111212-00 | 22111212-1241         |       |
| COB               | white  | 3,10   | 22111215-00 | 22111215-1241         | 76    |
|                   |        |        | 22111214-00 | 22111214-1241         |       |

| LUMEN OUTPUT (tq= 25 °C)        |  |
|---------------------------------|--|
| K - ølm - CRI - degrees         |  |
| 4000K - 2x3654lm - CRI>90 - 15° |  |
| 3000K - 2x3398lm - CRI>90 - 15° |  |
| 4000K - 2x3583lm - CRI>90 - 25° |  |
| 3000K - 2x3332lm - CRI>90 - 25° |  |
| 4000K - 2x3534lm - CRI>90 - 40° |  |
| 3000K - 2x3287lm - CRI>90 - 40° |  |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors. For one single emergency lamp.



Upon request: available in black colour version.

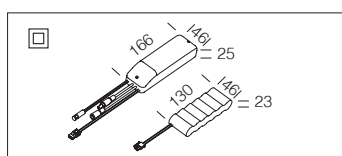


| Trimless 111 - B3 |        |        |             |                       |       |
|-------------------|--------|--------|-------------|-----------------------|-------|
| LED               | colour | weight | CLD code    | CLD D-DIG (DALI) code | W tot |
| COB               | white  | 4,40   | 22111311-00 | 22111311-1241         | 114   |
|                   |        |        | 22111310-00 | 22111310-1241         |       |
| COB               | white  | 4,40   | 22111313-00 | 22111313-1241         | 114   |
|                   |        |        | 22111312-00 | 22111312-1241         |       |
| COB               | white  | 4,40   | 22111315-00 | 22111315-1241         | 114   |
|                   |        |        | 22111314-00 | 22111314-1241         |       |

| LUMEN OUTPUT (tq= 25 °C)        |  |
|---------------------------------|--|
| K - ølm - CRI - degrees         |  |
| 4000K - 3x3654lm - CRI>90 - 15° |  |
| 3000K - 3x3398lm - CRI>90 - 15° |  |
| 4000K - 3x3583lm - CRI>90 - 25° |  |
| 3000K - 3x3332lm - CRI>90 - 25° |  |
| 4000K - 3x3534lm - CRI>90 - 40° |  |
| 3000K - 3x3287lm - CRI>90 - 40° |  |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096015-00 |
| 3h           | 22096033-00 |

EM (emergency) lamp power kit complete with connectors. For one single emergency lamp.







**Frame:** in steel sheet.

**Housing:** in aluminium.

**Diffuser:** in opal engineering plastic with high transmittance.

**Wiring:** rapid wiring connection, the fixture does not need to be opened; equipped with fast connector.

**Installation:** suited for installation into false ceilings with round-edge staves and 100 mm pitch.

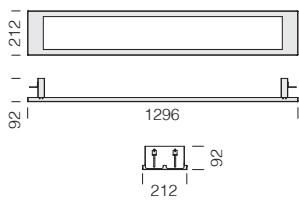
**Low Flicker:** product with a very low flicker; uniform light for greater eye protection.

**Upon request:**

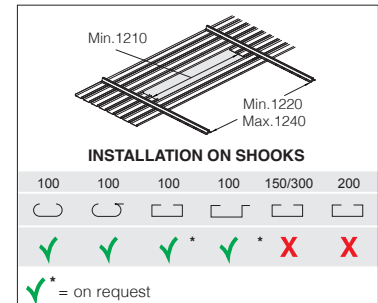
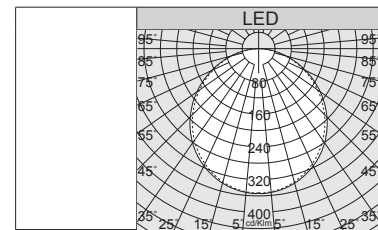
- available version with terminal block for double insulation electrical wiring with the possibility for loop-in connection (-90).
- version with CASAMBI automation lighting control system (fixtures **to be installed in NON-METALLIC false ceilings/panels**).

For further information see chapter *Technical components*.

v.a. **IP20 IK05**  
v.l. **IP40 IK05**



**LED:** luminous flux maintenance 80% 50.000h (L80B20).  
Power factor  $\geq 0.95$ .



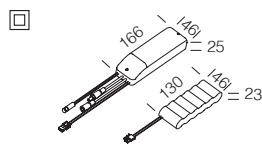
| Nizza 2 |        |        |             |       |                          |
|---------|--------|--------|-------------|-------|--------------------------|
| LED     | colour | CLD    |             | W tot | LUMEN OUTPUT (tq= 25 °C) |
|         |        | weight | code        |       | K - ølm - CRI            |
| LED     | white  | 3.00   | 22184418-00 | 34    | 4000K - 3200lm - CRI 83  |
|         |        |        | 22184419-00 |       | 3000K - 3150lm - CRI 83  |

#### EM power kit

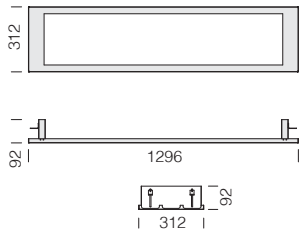
1h 22096035-00

3h 22096037-00

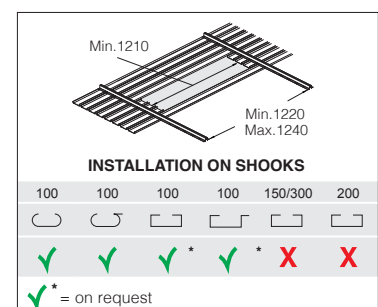
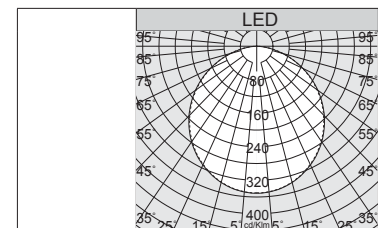
EM (emergency) lamp power kit complete with connectors.



v.a. **IP20 IK05**  
v.l. **IP40 IK05**



**LED:** luminous flux maintenance 80% 50.000h (L80B20).  
Power factor  $\geq 0.95$ .



#### Nizza 3

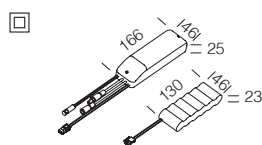
| LED | colour | weight | CLD         | CLD-D (0-10V) | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|--------|--------|-------------|---------------|------------------|-------|--------------------------|
|     |        |        | code        | code          | code             |       | K - ølm - CRI            |
| LED | white  | 4,10   | 22185810-00 | 22185810-12   | 22185810-1241    | 34    | 4000K - 3675lm - CRI 83  |
|     |        |        | 22185811-00 | 22185811-12   | 22185811-1241    |       | 3000K - 3417lm - CRI 83  |

#### EM power kit

1h 22096035-00

3h 22096037-00

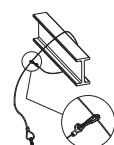
EM (emergency) lamp power kit complete with connectors.



#### Safety cord

22004112-00

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.







**Toledo** recessed LED ceiling fixture with a very slender design and high-efficiency 3000K/4000K LED sources, offers a very bright and diffused lighting, while keeping energy consumptions extremely low and setting itself as the ideal solution for general and functional lighting applications.

**Housing and frame:** housing in galvanised steel sheet, and frame in aluminium, contact mounting on the cross T structure.

**Wiring:** rapid wiring connection, the fixture does not need to be opened.

**UGR glare index:** UGR<19 (in any situation). - EN 12464.

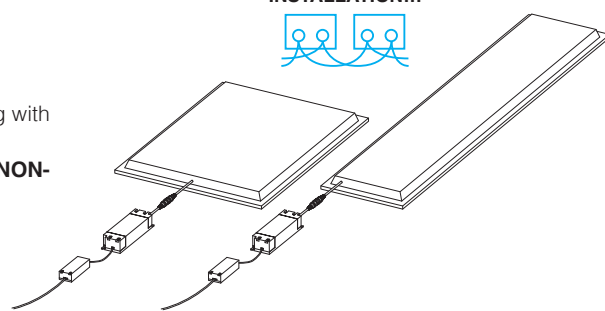
**LED:** luminous flux maintenance 90%; 80.000h (L90B10). Power factor  $\geq 0.95$ .  
Photobiological safety class: exempt group.

**Upon request:**

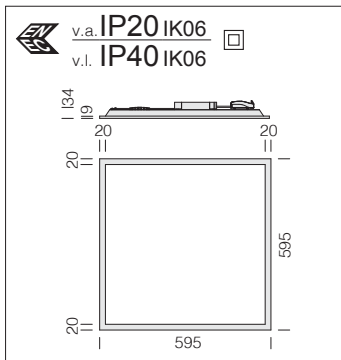
- available Toledo and Toledo HP with terminal block for double insulation electrical wiring with the possibility for loop-in connection (**-90**).
- version with CASAMBI automation lighting control system (fixtures **to be installed in NON-METALLIC false ceilings/panels**).

For further information see chapter *Technical components*.

**QUICK  
INSTALLATION!!!**

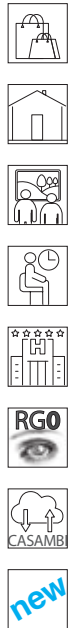
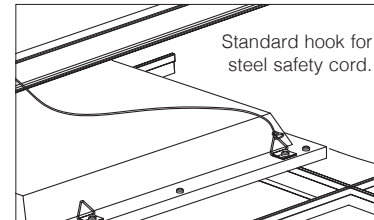
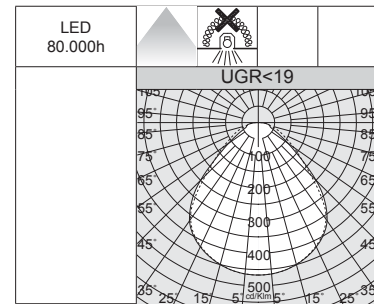






**Diffuser:** in prismatic engineering plastic with high thermal transmittance.

**LED:** power factor  $\geq 0.95$ . Luminous flux maintenance 90%; 80.000h (L90B10).



| Toledo HE - HIGH EFFICIENCY - UGR<19 - DIP SWITCH |        |        |             |                          |       |                         |
|---------------------------------------------------|--------|--------|-------------|--------------------------|-------|-------------------------|
|                                                   |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |                         |
| LED                                               | colour | weight | code        | I out                    | W tot | K - ølm - CRI           |
| LED                                               | white  | 1,30   | 22150311-00 | 650                      | 23    | 4000K - 3700lm - CRI>80 |

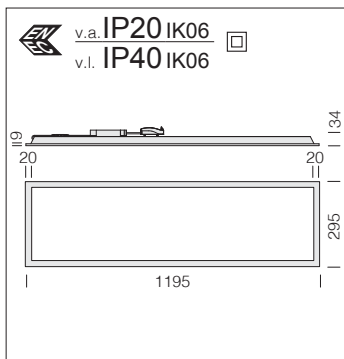
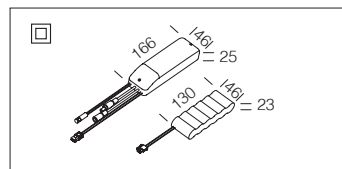
| DIP SWITCH SETTING |       |                          |
|--------------------|-------|--------------------------|
|                    |       | LUMEN OUTPUT (tq= 25 °C) |
| I out              | W tot | K - ølm - CRI            |
| 500                | 17    | 4000K - 2800lm - CRI>80  |
| 550                | 19    | 4000K - 3100lm - CRI>80  |
| 600                | 21    | 4000K - 3400lm - CRI>80  |
| 650                | 23    | 4000K - 3700lm - CRI>80  |

For 16A magnetothermic switch:  
B16 = max 30 pieces  
C16 = max 50 pieces

**Toledo HE** allows you to create a "LOOP-IN": a system to connect two or more luminaires to the power supply. As standard, Toledo HE comes with a terminal that allows the installer to connect the power line cable to the internal circuit through automatic wire clamps.

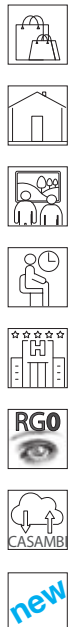
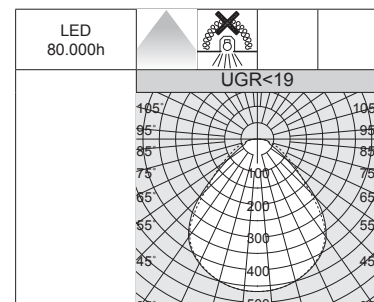
| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

EM (emergency) lamp power kit complete with connectors. Max 54W.



**Diffuser:** in prismatic engineering plastic with high thermal transmittance.

**LED:** power factor  $\geq 0.95$ . Luminous flux maintenance 90%; 80.000h (L90B10).



| Toledo R2 HE - HIGH EFFICIENCY - UGR<19 - DIP SWITCH |        |        |             |                          |       |                         |
|------------------------------------------------------|--------|--------|-------------|--------------------------|-------|-------------------------|
|                                                      |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |                         |
| LED                                                  | colour | weight | code        | I out                    | W tot | K - ølm - CRI           |
| LED                                                  | white  | 1,70   | 22150610-00 | 650                      | 23    | 4000K - 3700lm - CRI>80 |

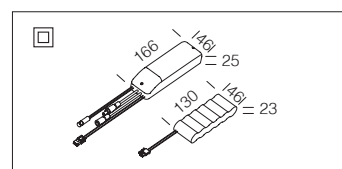
| DIP SWITCH SETTING |       |                          |
|--------------------|-------|--------------------------|
|                    |       | LUMEN OUTPUT (tq= 25 °C) |
| I out              | W tot | K - ølm - CRI            |
| 500                | 17    | 4000K - 2800lm - CRI>80  |
| 550                | 19    | 4000K - 3100lm - CRI>80  |
| 600                | 21    | 4000K - 3400lm - CRI>80  |
| 650                | 23    | 4000K - 3700lm - CRI>80  |

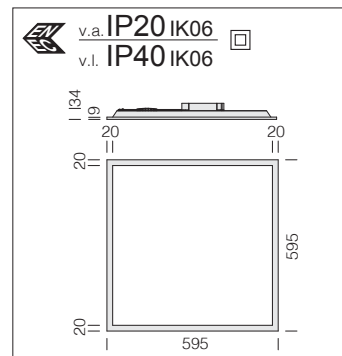
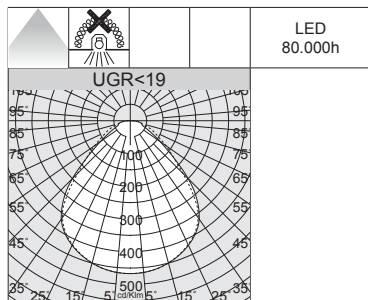
For 16A magnetothermic switch:  
B16 = max 30 pieces  
C16 = max 50 pieces

**Toledo HE** allows you to create a "LOOP-IN": a system to connect two or more luminaires to the power supply. As standard, Toledo HE comes with a terminal that allows the installer to connect the power line cable to the internal circuit through automatic wire clamps.

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

EM (emergency) lamp power kit complete with connectors. Max 54W.

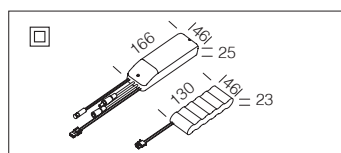




**Diffuser:** in prismatic engineering plastic with high thermal transmittance.

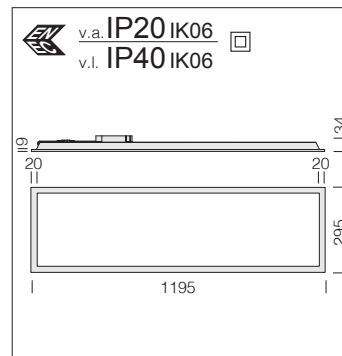
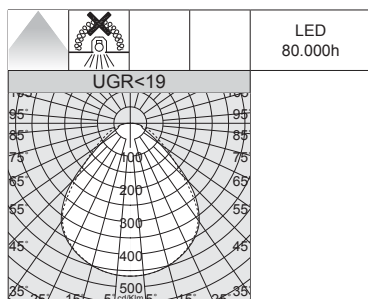
**LED:** power factor  $\geq 0.95$ . Luminous flux maintenance 90%; 80.000h (L90B10).

| Toledo HP - UGR<19 |        |        |             |                          |                         |
|--------------------|--------|--------|-------------|--------------------------|-------------------------|
|                    |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED                | colour | weight | code        | W tot                    | K - $\phi$ lm - CRI     |
| LED                | white  | 1,30   | 22150313-00 | 28                       | 4000K - 4050lm - CRI>80 |



| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

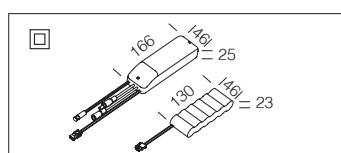
EM (emergency) lamp power kit complete with connectors. Max 54W.



**Diffuser:** in prismatic engineering plastic with high thermal transmittance.

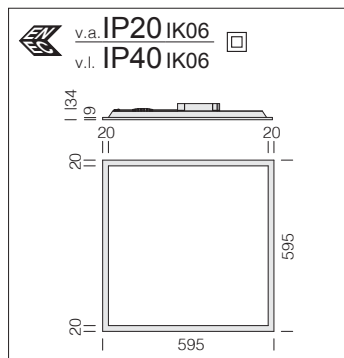
**LED:** power factor  $\geq 0.95$ . Luminous flux maintenance 90%; 80.000h (L90B10).

| Toledo HP R2 - UGR<19 |        |        |             |                          |                         |
|-----------------------|--------|--------|-------------|--------------------------|-------------------------|
|                       |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED                   | colour | weight | code        | W tot                    | K - $\phi$ lm - CRI     |
| LED                   | white  | 1,70   | 22150413-00 | 28                       | 4000K - 4050lm - CRI>80 |



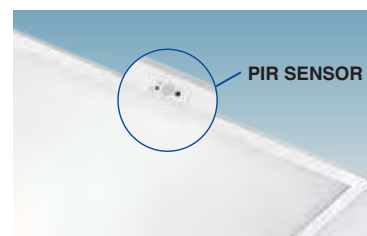
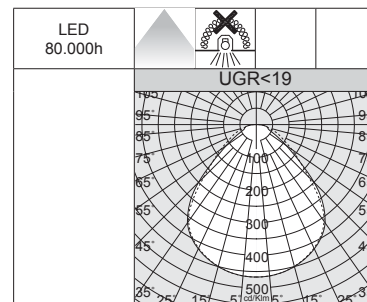
| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

EM (emergency) lamp power kit complete with connectors. Max 54W.



**Diffuser:** in prismatic engineering plastic with high thermal transmittance.

**LED:** power factor  $\geq 0.95$ . Luminous flux maintenance 90%; 80.000h (L90B10).



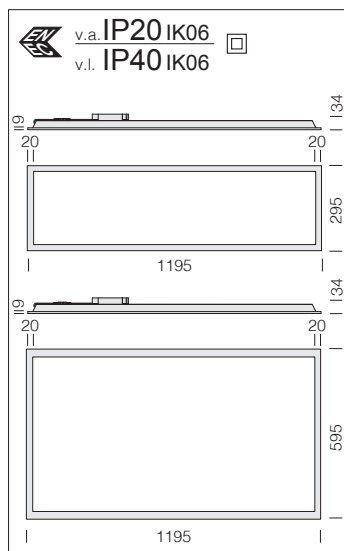
| Toledo - UGR<19 |        |        |             |                          |                         |
|-----------------|--------|--------|-------------|--------------------------|-------------------------|
|                 |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED             | colour | weight | code        | W tot                    | K - ølm - CRI           |
| LED             | white  | 1,30   | 22150310-00 | 25                       | 4000K - 3640lm - CRI>80 |
|                 |        |        | 22150310-39 |                          | 3000K - 3458lm - CRI>80 |



**Remote control - 22099041-00**  
Remote control to change parameters after installation, without opening the fixture.

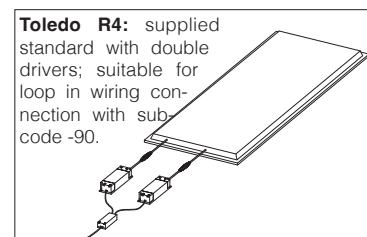
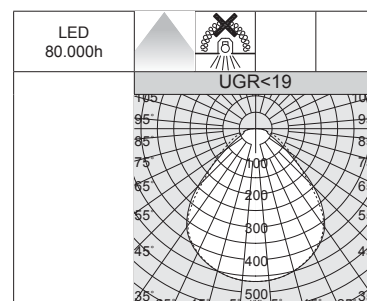
| Toledo SENSOR |        |                     |             |                          |                         |
|---------------|--------|---------------------|-------------|--------------------------|-------------------------|
|               |        | CLD (sensor ON-OFF) |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED           | colour | weight              | code        | W tot                    | K - ølm - CRI           |
| LED           | white  | 1,30                | 22150310-19 | 40                       | 4000K - 5200lm - CRI>80 |

**Built-in RADAR SENSOR (sub-code -19):** an electronic device that immediately detects any presence entering its range. When the sensor reads motion inside its range, lights will stay on. When it no longer senses motion and based on the lighting level in its range, the sensor will turn off the lights after a pre-programmed time.



**Diffuser:** in prismatic engineering plastic with high thermal transmittance.

**LED:** power factor  $\geq 0.95$ . Luminous flux maintenance 90%; 80.000h (L90B10).

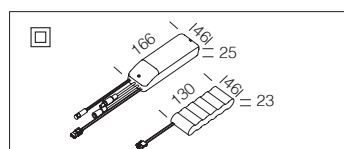


| Toledo R2 - UGR<19 |        |        |             |                          |                         |
|--------------------|--------|--------|-------------|--------------------------|-------------------------|
|                    |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED                | colour | weight | code        | W tot                    | K - ølm - CRI           |
| LED                | white  | 1,70   | 22150410-00 | 25                       | 4000K - 3640lm - CRI>80 |
|                    |        |        | 22150410-39 |                          | 3000K - 3458lm - CRI>80 |

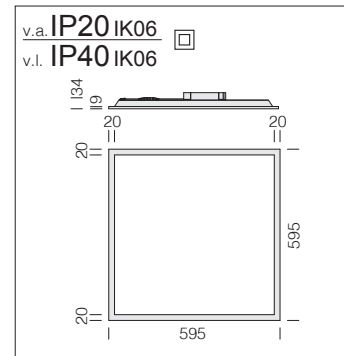
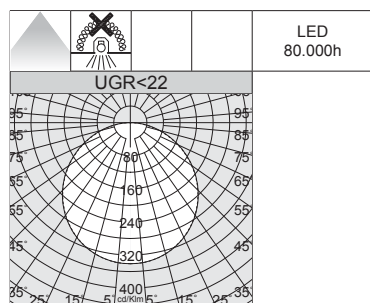
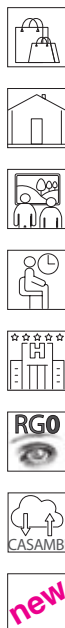
| Toledo R4 - UGR<19 |        |        |             |                          |                         |
|--------------------|--------|--------|-------------|--------------------------|-------------------------|
|                    |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED                | colour | weight | code        | W tot                    | K - ølm - CRI           |
| LED                | white  | 3,40   | 22150811-00 | 52                       | 4000K - 7353lm - CRI>80 |
|                    |        |        | 22150811-39 |                          | 3000K - 6985lm - CRI>80 |

The power supply current can be adjusted (request through our office), customising energy efficiency and shielding to meet any design requirement.

| EM power kit                                                                        |             |
|-------------------------------------------------------------------------------------|-------------|
| 1h                                                                                  | 22096035-00 |
| 3h                                                                                  | 22096037-00 |
| EM (emergency) lamp power kit complete with connectors (for half circuit). Max 54W. |             |



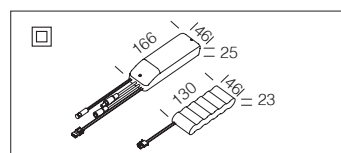




**Diffuser:** in opal engineering plastic with high transmittance.

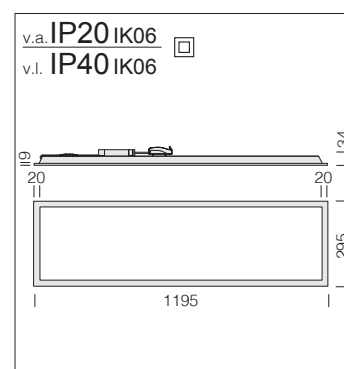
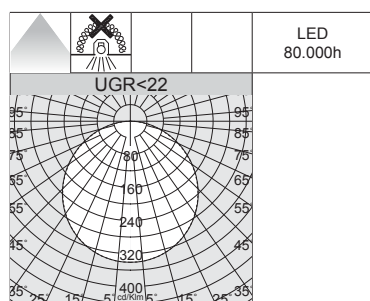
**LED:** power factor  $\geq 0.95$ . Luminous flux maintenance 90%; 80.000h (L90B10).

| Toledo HP - UGR<22 |        |        |             |                          |                         |
|--------------------|--------|--------|-------------|--------------------------|-------------------------|
|                    |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED                | colour | weight | code        | W tot                    | K - $\phi$ lm - CRI     |
| LED                | white  | 1,30   | 22150211-00 | 28                       | 4000K - 4150lm - CRI>80 |



| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

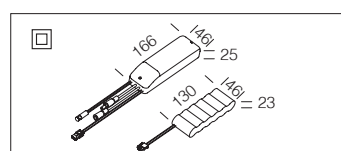
EM (emergency) lamp power kit complete with connectors. Max 54W.



**Diffuser:** in opal engineering plastic with high transmittance.

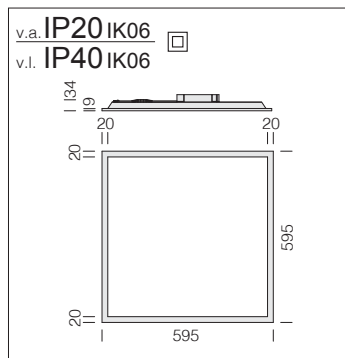
**LED:** power factor  $\geq 0.95$ . Luminous flux maintenance 90%; 80.000h (L90B10).

| Toledo HP R2 - UGR<22 |        |        |             |                          |                         |
|-----------------------|--------|--------|-------------|--------------------------|-------------------------|
|                       |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED                   | colour | weight | code        | W tot                    | K - $\phi$ lm - CRI     |
| LED                   | white  | 1,70   | 22150711-00 | 28                       | 4000K - 4150lm - CRI>80 |



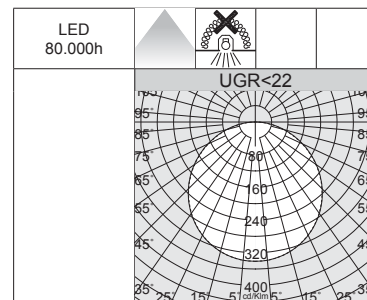
| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

EM (emergency) lamp power kit complete with connectors. Max 54W.



**Diffuser:** in opal engineering plastic with high transmittance.

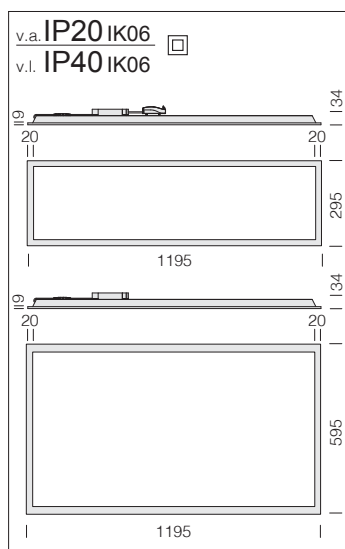
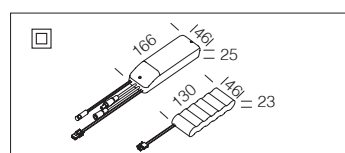
**LED:** power factor  $\geq 0.95$ . Luminous flux maintenance 90%; 80.000h (L90B10).



| Toledo - UGR<22 |        |        |             |       |                          |
|-----------------|--------|--------|-------------|-------|--------------------------|
| LED             | colour | weight | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C) |
|                 |        |        | code        |       | K - Ølm - CRI            |
| LED             | white  | 1,30   | 22150210-00 | 25    | 4000K - 3710lm - CRI>80  |
|                 |        |        | 22150210-39 |       | 3000K - 3525lm - CRI>80  |

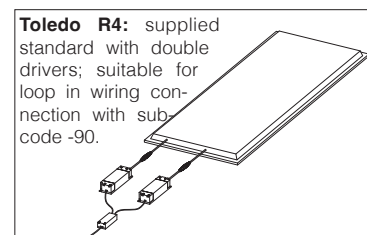
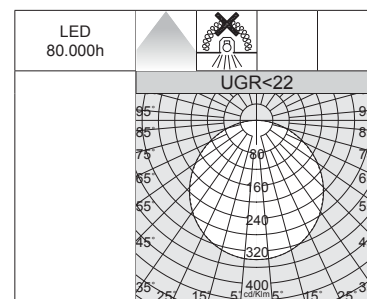
| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

EM (emergency) lamp power kit complete with connectors. Max 54W.



**Diffuser:** in opal engineering plastic with high transmittance.

**LED:** power factor  $\geq 0.95$ . Luminous flux maintenance 90%; 80.000h (L90B10).



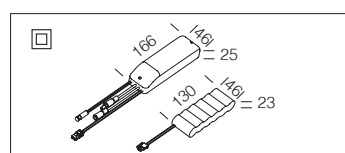
| Toledo R2 - UGR<22 |        |        |             |       |                          |
|--------------------|--------|--------|-------------|-------|--------------------------|
| LED                | colour | weight | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C) |
|                    |        |        | code        |       | K - Ølm - CRI            |
| LED                | white  | 1,70   | 22150710-00 | 25    | 4000K - 3710lm - CRI>80  |
|                    |        |        | 22150710-39 |       | 3000K - 3525lm - CRI>80  |

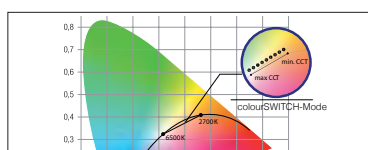
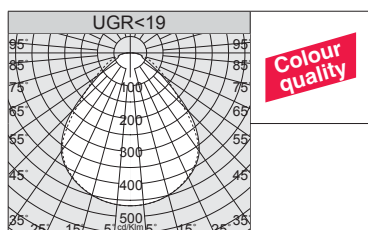
| Toledo R4 - UGR<22 |        |        |             |       |                          |
|--------------------|--------|--------|-------------|-------|--------------------------|
| LED                | colour | weight | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C) |
|                    |        |        | code        |       | K - Ølm - CRI            |
| LED                | white  | 3,40   | 22150810-00 | 52    | 4000K - 7710lm - CRI>80  |
|                    |        |        | 22150810-39 |       | 3000K - 7324lm - CRI>80  |

The power supply current can be adjusted (request through our office), customising energy efficiency and shielding to meet any design requirement.

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

EM (emergency) lamp power kit complete with connectors (for half circuit). Max 54W.

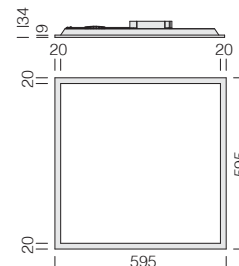




- Colour temperature adjustment range from 2700K to 6500K on a linear scale
- MacAdams 3
- Full 3% to 100% dimming range
- ≤4% flicker
- Constant colour temperature over the entire dimming range
- Constant luminous flux



v.a. IP20 IK06  
v.l. IP40 IK06



**Diffuser:** in prismatic engineering plastic with high thermal transmittance.

**LED:** power factor ≥0.95. Luminous flux maintenance 90%; 80.000h (L90B10).

### Toledo TW - UGR<19

|     |        | CLD D-DIG (DALI) |               | LUMEN OUTPUT (tq= 25 °C) |                               |
|-----|--------|------------------|---------------|--------------------------|-------------------------------|
| LED | colour | weight           | code          | W tot                    | K - ølm - CRI                 |
| LED | white  | 1,30             | 22150310-0024 | 40                       | 2700K÷6500K - 4681lm - CRI>90 |

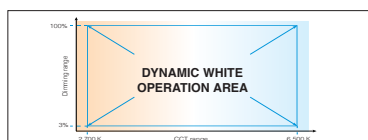
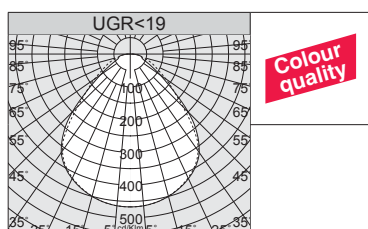
### TECHNICAL CHARACTERISTICS - TW BASIC VERSION

**colourSWITCH function:** a conventional pushbutton can be used to control the system via colourSWITCH. Use of pushbutton with indicator lamp is not permitted. If the device is controlled via DALI/DSI, colourSWITCH is not available. For control via a pushbutton different settings can be made:

- Short press: setting the colour temperature via colourSWITCH mode with 9 values between 2,700 and 6,500 K.
- Long press (> 1 s): stepless setting of colour temperature.

After completion the colour temperature direction will be inverted. In installations with LED Drivers with different colour temperature or opposite colour temperature directions (e.g. after a system extension), all LED Drivers can be synchronized to 4,500 K by a 10 s push.

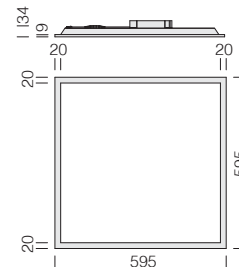
**switchDIM function:** integrated switchDIM function allows a direct connection of a pushbutton for dimming and switching. Brief push (< 0.6 s) switches LED Driver ON and OFF. The dim level is saved at power-down and restored at power-up. When the pushbutton is held, LED modules are dimmed. After releasing and pushing the LED modules are dimmed in the opposite direction. In installations with LED Drivers with different dimming levels or opposite dimming directions (e.g. after a system extension), all LED Drivers can be synchronized to 50 % dimming level by a 10 s push. Use of pushbutton with indicator lamp is not permitted.



- Colour temperature adjustment range from 2700K to 6500K on a linear scale
- Full 3% to 100% dimming range
- Switch-off fading
- ≤4% flicker
- Constant colour temperature over the entire dimming range
- LED driver that automatically adjusts lights to the desired colour temperature and the required luminous flux



v.a. IP20 IK06  
v.l. IP40 IK06



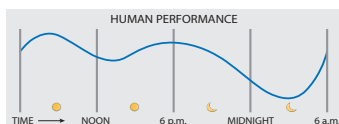
**Diffuser:** in prismatic engineering plastic with high thermal transmittance.

**LED:** power factor ≥0.95. Luminous flux maintenance 90%; 80.000h (L90B10).

### Toledo HCL - UGR<19

|     |        | CLD DW (HCL) |             | LUMEN OUTPUT (tq= 25 °C) |                               |
|-----|--------|--------------|-------------|--------------------------|-------------------------------|
| LED | colour | weight       | code        | W tot                    | K - ølm - CRI                 |
| LED | white  | 1,30         | 22150310-89 | 40                       | 2700K÷6500K - 4681lm - CRI>90 |

### TECHNICAL CHARACTERISTICS - HCL WIRELESS VERSION

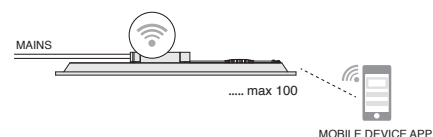


is the best solution to implement Human Centric Lighting (HCL) in classrooms, university campuses, offices and hospitals where lights can mimic the natural trend of daylight throughout the entire day.

The Dynamic White function allows adjusting the colour temperature from 2700K to 6500K to create a sense of the passing of time (circadian rhythm) and to set the mood and ambience of a space according to our daily activities. Circadian lighting obtained with the Dynamic White function

### HCL WIRELESS INSTALLATION EXAMPLE (POINT-TO-POINT)

The standard version of the fixture comes with a wireless device and can be easily controlled from a smartphone/tablet via a **free app**.







## Ceiling mounted installation with frame

**Frame for Toledo - 600x600 h70**

white 22097003-00

Frame in white-coated aluminium; to be used for ceiling installation.

**Frame for Toledo - 600x1200 h76**

white 22097005-00

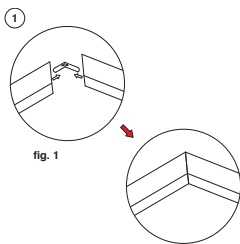
Frame in white-coated aluminium; to be used for ceiling installation.

**R Frame for Toledo - 1200x300 h70**

white 22097004-00

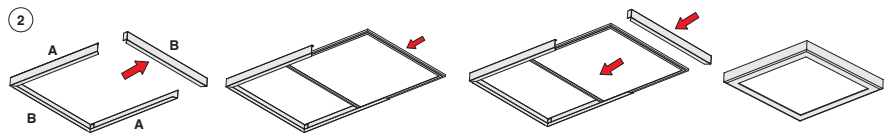
Frame in white-coated aluminium; to be used for ceiling installation.

1) Assembly the frame according to the following illustration (fig.1)



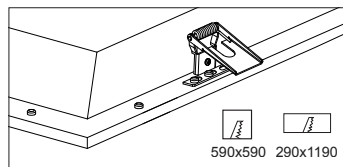
2) Installation

- Drill 4 holes at marking position with expansion screws and self-tapping screws (not screw too tight).
- Install the frame on the roof.
- Move and fix the ceiling frame (lift to right, or right to left) through hardy hole.
- Tighten self-tapping screws.
- Open the frame **B** on one side, insert the panel into the frame, then seal the frame with tightening screws.

**Springs for Toledo**

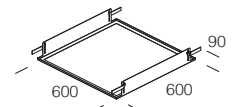
x 4 22004112-00

Springs for recess installation, not for surface-mount on plasterboard

**Frame - 600x600**

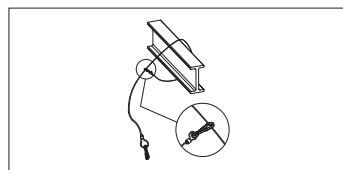
22097010-00

Ideal for mounting the fixture in false ceilings with hidden structure.

**Safety cord**

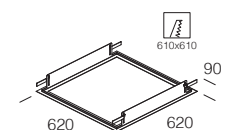
22004112-00

Steel safety cord, to be used for safety installation of the fixtures inside false ceilings.

**Frame - 620x620**

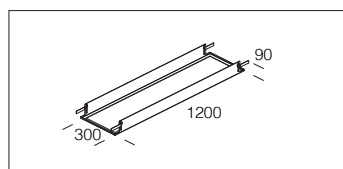
22097015-00

Ideal for mounting the fixture in plasterboard false ceilings.

**R Frame - 1200x300**

22097014-00

Ideal for mounting the fixture in false ceilings with hidden structure.





**Frame:** in aluminium.

**Inner slab:** in PMMA.

**Diffuser:** in opal engineering plastic with high transmittance.

**Wiring:** equipped with fast connector.

**LED:** high-efficiency light sources.

**Low Flicker:** product with a very low flicker; uniform light for greater eye protection.

**Upon request:**

- available version with terminal block for double insulation electrical wiring with the possibility for loop-in connection (-90).
- version with CASAMBI automation lighting control system (fixtures **to be installed in NON-METALLIC false ceilings/panels**).

For further information see chapter *Technical components*.

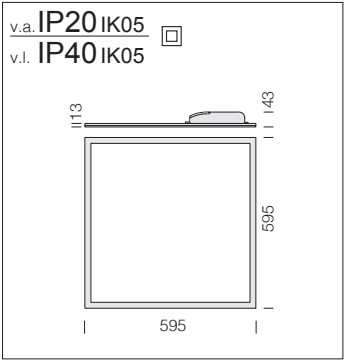
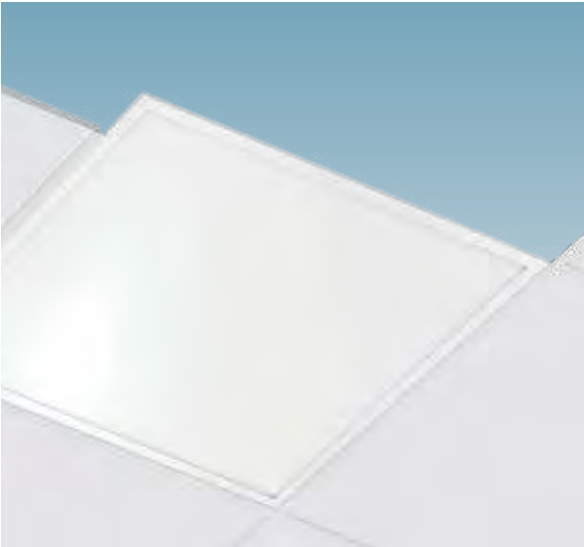
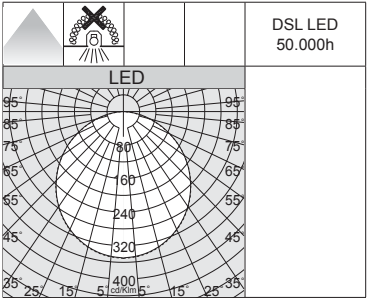




Construction quality is an important factor for the product's aesthetics and performance, turning into a key element to ensure reliability over time. In the case of Fosnova's Pannello and PanelTech, the slab is made in top-notch material, **PMMA** (poly methyl methacrylate), a polymer that keeps its characteristics unaltered in time and prevents the lens from yellowing.

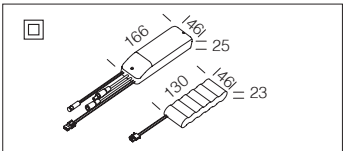
Fosnova has produced Pannello and PanelTech with materials that ensure long lasting operation to save its original technical characteristics: 80% lumen maintenance for **40000+50000h** (L80B20), perfect colour rendering (**CRI≥80 or CRI>90 - CRI 93**), no glare (**UGR<19**) and low flicker level.





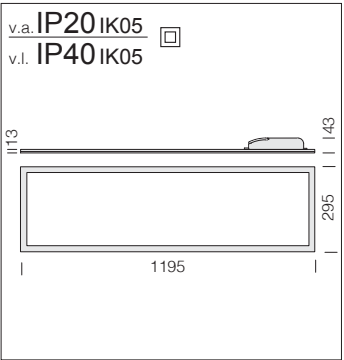
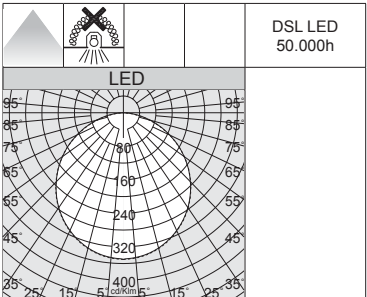
**Inner slab:** in PMMA.  
**LED:** luminous flux maintenance 80%: 50.000h (L80B20). Power factor  $\geq 0.95$ .

| Pannello B |        |        |               |       |                          |
|------------|--------|--------|---------------|-------|--------------------------|
| LED        | colour | weight | CLD           | W tot | LUMEN OUTPUT (tq= 25 °C) |
|            |        |        | code          |       | K - $\phi$ lm - CRI      |
| LED        | white  | 1,90   | 22184371-00   | 34    | 4000K - 3560lm - CRI>80  |
|            |        |        | 22184373-00   |       | 3000K - 3311lm - CRI>80  |
|            |        |        | 22184371-0083 |       | 6500K - 3560lm - CRI>80  |



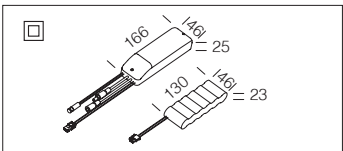
| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

EM (emergency) lamp power kit complete with connectors. Max 54W.



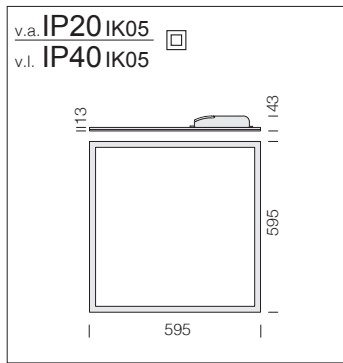
**Inner slab:** in PMMA.  
**LED:** luminous flux maintenance 80%: 50.000h (L80B20). Power factor  $\geq 0.95$ .

| Pannello B - R2 |        |        |             |       |                          |
|-----------------|--------|--------|-------------|-------|--------------------------|
| LED             | colour | weight | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C) |
|                 |        |        | code        |       | K - $\phi$ lm - CRI      |
| LED             | white  | 2,60   | 22185216-00 | 34    | 4000K - 3560lm - CRI>80  |



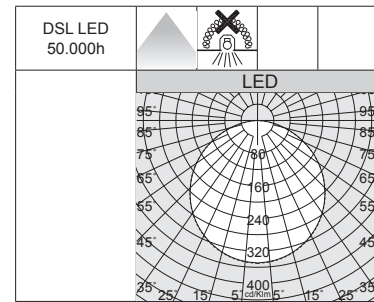
| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

EM (emergency) lamp power kit complete with connectors. Max 54W.



**Inner slab:** in PMMA.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor  $\geq 0.95$ .



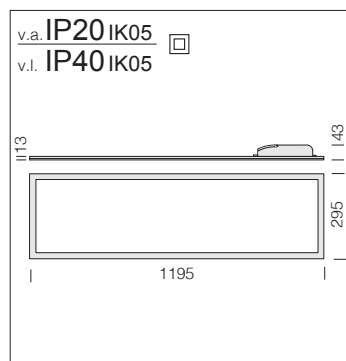
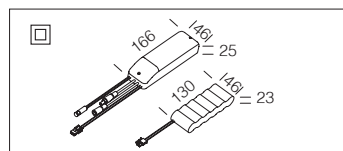
| Pannello B - DIP SWITCH |        |        |             |       |       |
|-------------------------|--------|--------|-------------|-------|-------|
| LED                     | colour | weight | code        | I out | W tot |
| LED                     | white  | 1,90   | 22184301-00 | 900   | 30    |
|                         |        |        | 22184301-39 |       |       |

| DIP SWITCH SETTING |       |                          |
|--------------------|-------|--------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C) |
| 850                | 28    | 4000K - 3024lm - CRI>80  |
| 900                | 30    | 4000K - 3202lm - CRI>80  |
| 950                | 31    | 4000K - 3381lm - CRI>80  |
| 1050               | 34    | 4000K - 3738lm - CRI>80  |

| DIP SWITCH SETTING |       |                          |
|--------------------|-------|--------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C) |
| 850                | 28    | 3000K - 2873lm - CRI>80  |
| 900                | 30    | 3000K - 3042lm - CRI>80  |
| 950                | 31    | 3000K - 3212lm - CRI>80  |
| 1050               | 34    | 3000K - 3551lm - CRI>80  |

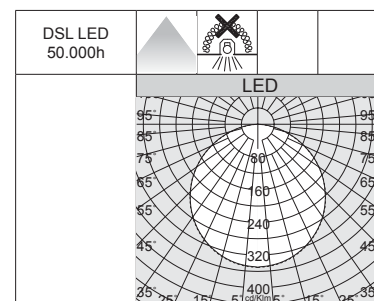
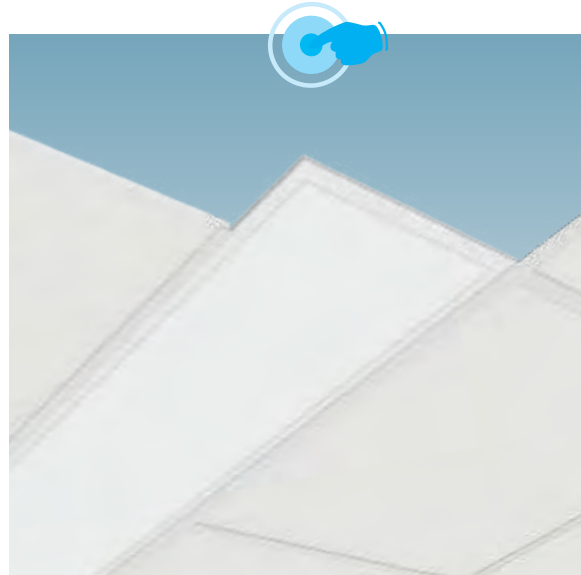
| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

EM (emergency) lamp power kit complete with connectors. Max 54W.



**Inner slab:** in PMMA.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor  $\geq 0.95$ .



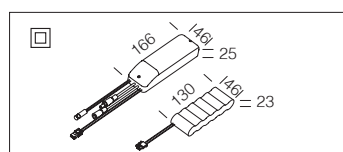
| Pannello B - R2 - DIP SWITCH |        |        |             |       |       |
|------------------------------|--------|--------|-------------|-------|-------|
| LED                          | colour | weight | code        | I out | W tot |
| LED                          | white  | 2,60   | 22185204-00 | 850   | 34    |
|                              |        |        | 22185204-39 |       |       |

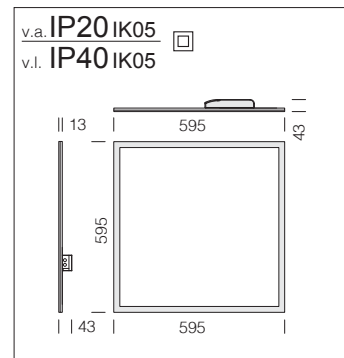
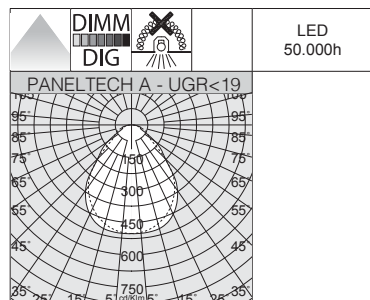
| DIP SWITCH SETTING |       |                          |
|--------------------|-------|--------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C) |
| 700                | 27    | 4000K - 3079lm - CRI>80  |
| 800                | 31    | 4000K - 3517lm - CRI>80  |
| 850                | 34    | 4000K - 3738lm - CRI>80  |

| DIP SWITCH SETTING |       |                          |
|--------------------|-------|--------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C) |
| 700                | 27    | 3000K - 2924lm - CRI>80  |
| 800                | 31    | 3000K - 3341lm - CRI>80  |
| 850                | 34    | 3000K - 3551lm - CRI>80  |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

EM (emergency) lamp power kit complete with connectors. Max 54W.





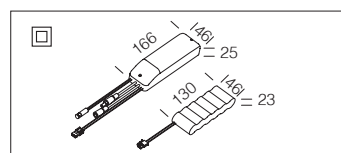
**Inner slab:** in PMMA.

**Diffuser:** in prismatic engineering plastic with high transmittance.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20). Power factor  $\geq 0.95$ .

### PanelTech A - UGR<19

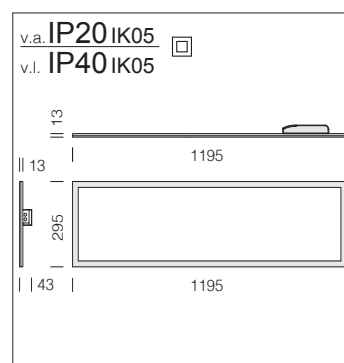
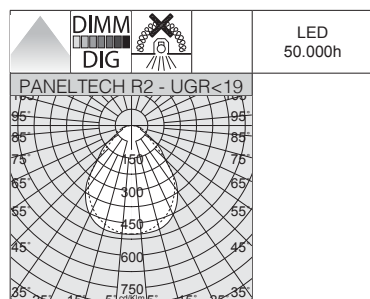
| LED | colour | weight | CLD         | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|--------|--------|-------------|------------------|-------|--------------------------|
|     |        |        | code        | code             |       | K - $\phi$ lm - CRI      |
| LED | white  | 1,90   | 22184810-00 | 22184810-1241    | 34    | 4000K - 3527lm - CRI>80  |
|     |        |        | 22184811-00 | 22184811-1241    |       | 3000K - 3353lm - CRI>80  |



### EM power kit

|    |             |
|----|-------------|
| 1h | 22096035-00 |
| 3h | 22096037-00 |

EM (emergency) lamp power kit complete with connectors. Max 54W.



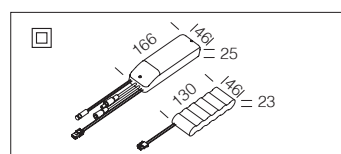
**Inner slab:** in PMMA.

**Diffuser:** in prismatic engineering plastic with high transmittance.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20). Power factor  $\geq 0.95$ .

### PanelTech R2 - UGR<19

| LED | colour | weight | CLD         | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|--------|--------|-------------|------------------|-------|--------------------------|
|     |        |        | code        | code             |       | K - $\phi$ lm - CRI      |
| LED | white  | 2,60   | 22185210-00 | 22185210-1241    | 34    | 4000K - 3470lm - CRI>80  |
|     |        |        | 22185211-00 | 22185211-1241    |       | 3000K - 3353lm - CRI>80  |

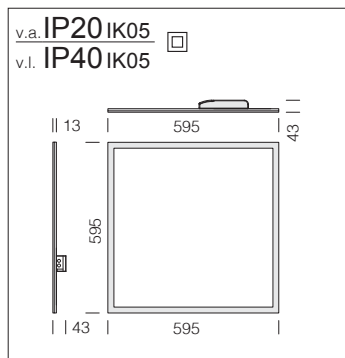


### EM power kit

|    |             |
|----|-------------|
| 1h | 22096035-00 |
| 3h | 22096037-00 |

EM (emergency) lamp power kit complete with connectors. Max 54W.

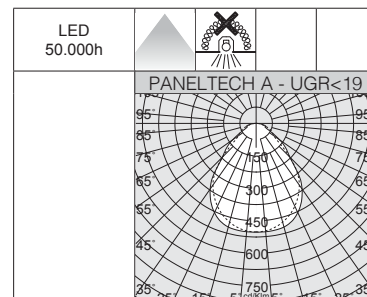




**Inner slab:** in PMMA.

**Diffuser:** in prismatic engineering plastic with high transmittance.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor  $\geq 0.95$ .



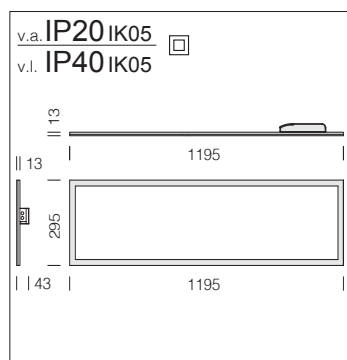
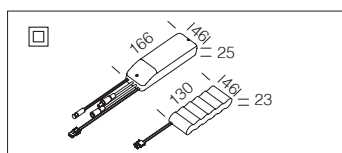
| PanelTech A - UGR<19 - DIP SWITCH |        |        |             |       |       |
|-----------------------------------|--------|--------|-------------|-------|-------|
| LED                               | colour | weight | code        | I out | W tot |
| LED                               | white  | 1,90   | 22184802-00 | 950   | 31    |
|                                   |        |        | 22184802-39 |       |       |

| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 850                      | 28    | 4000K - 3072lm - CRI>80 |
| 900                      | 30    | 4000K - 3229lm - CRI>80 |
| 950                      | 31    | 4000K - 3385lm - CRI>80 |
| 1050                     | 34    | 4000K - 3703lm - CRI>80 |

| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 850                      | 28    | 3000K - 2921lm - CRI>80 |
| 900                      | 30    | 3000K - 3069lm - CRI>80 |
| 950                      | 31    | 3000K - 3218lm - CRI>80 |
| 1050                     | 34    | 3000K - 3521lm - CRI>80 |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

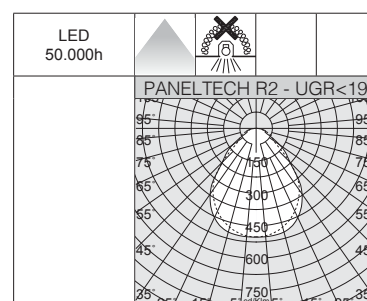
EM (emergency) lamp power kit complete with connectors. Max 54W.



**Inner slab:** in PMMA.

**Diffuser:** in prismatic engineering plastic with high transmittance.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor  $\geq 0.95$ .



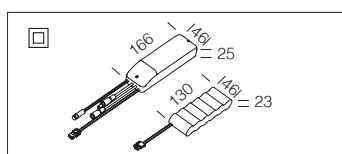
| PanelTech R2 - UGR<19 - DIP SWITCH |        |        |             |       |       |
|------------------------------------|--------|--------|-------------|-------|-------|
| LED                                | colour | weight | code        | I out | W tot |
| LED                                | white  | 2,60   | 22185205-00 | 800   | 31    |
|                                    |        |        | 22185205-39 |       |       |

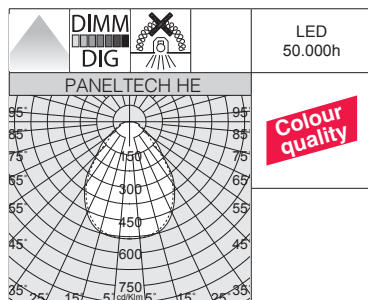
| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 700                      | 27    | 4000K - 3000lm - CRI>80 |
| 800                      | 31    | 4000K - 3429lm - CRI>80 |
| 850                      | 34    | 4000K - 3643lm - CRI>80 |

| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 700                      | 27    | 3000K - 2850lm - CRI>80 |
| 800                      | 31    | 3000K - 3258lm - CRI>80 |
| 850                      | 34    | 3000K - 3461lm - CRI>80 |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

EM (emergency) lamp power kit complete with connectors. Max 54W.



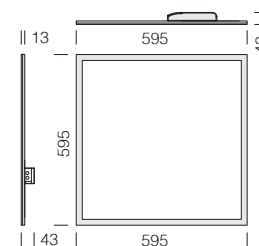


To increase energy savings,  
you may request the addition of:

- external motion and light sensors
- WIRELESS lighting management systems



v.a. IP20 IK05  
v.l. IP40 IK05



**Inner slab:** in PMMA.

**Diffuser:** in prismatic engineering plastic with high transmittance.

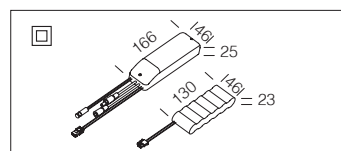
**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor  $\geq 0.95$ .

### PanelTech HE A2 - UGR<19

| LED | colour | weight | CLD              | CLD D-DIG (DALI)   | W tot | LUMEN OUTPUT (tq= 25 °C)                 |
|-----|--------|--------|------------------|--------------------|-------|------------------------------------------|
| LED | white  | 1,90   | code 22184806-00 | code 22184806-1241 | 27    | K - ølm - CRI<br>4000K - 3585lm - CRI>80 |

### PanelTech HP A2 - UGR<19

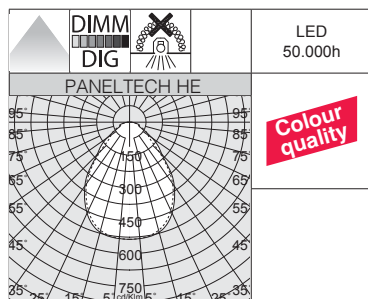
| LED | colour | weight | CLD              | CLD D-DIG (DALI)   | W tot | LUMEN OUTPUT (tq= 25 °C)                 |
|-----|--------|--------|------------------|--------------------|-------|------------------------------------------|
| LED | white  | 1,90   | code 22184812-00 | code 22184812-1241 | 47    | K - ølm - CRI<br>4000K - 4900lm - CRI 93 |



#### EM power kit

|    |             |
|----|-------------|
| 1h | 22096035-00 |
| 3h | 22096037-00 |

EM (emergency) lamp power kit complete with connectors. Max 54W.

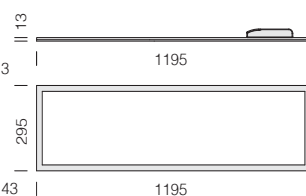


To increase energy savings,  
you may request the addition of:

- external motion and light sensors
- WIRELESS lighting management systems



v.a. IP20 IK05  
v.l. IP40 IK05



**Inner slab:** in PMMA.

**Diffuser:** in prismatic engineering plastic with high transmittance.

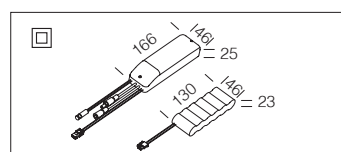
**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor  $\geq 0.95$ .

### PanelTech HE R2 - UGR<19

| LED | colour | weight | CLD              | CLD D-DIG (DALI)   | W tot | LUMEN OUTPUT (tq= 25 °C)                 |
|-----|--------|--------|------------------|--------------------|-------|------------------------------------------|
| LED | white  | 2,60   | code 22185203-00 | code 22185203-1241 | 27    | K - ølm - CRI<br>4000K - 3527lm - CRI>80 |

### PanelTech HP R2 - UGR<19

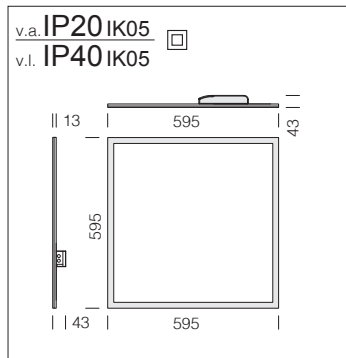
| LED | colour | weight | CLD              | CLD D-DIG (DALI)   | W tot | LUMEN OUTPUT (tq= 25 °C)                 |
|-----|--------|--------|------------------|--------------------|-------|------------------------------------------|
| LED | white  | 2,60   | code 22185212-00 | code 22185212-1241 | 47    | K - ølm - CRI<br>4000K - 4630lm - CRI 93 |



#### EM power kit

|    |             |
|----|-------------|
| 1h | 22096035-00 |
| 3h | 22096037-00 |

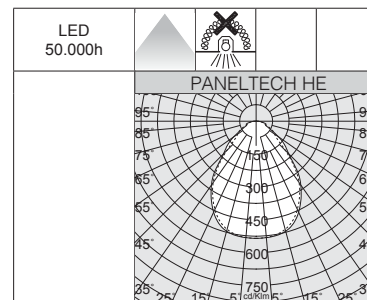
EM (emergency) lamp power kit complete with connectors. Max 54W.



**Inner slab:** in PMMA.

**Diffuser:** in prismatic engineering plastic with high transmittance.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor  $\geq 0.95$ .

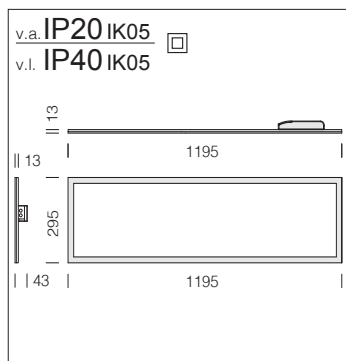
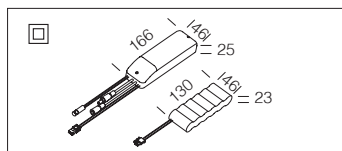


| PanelTech HE A2 - UGR<19 - DIP SWITCH |        |        |             |       |       |
|---------------------------------------|--------|--------|-------------|-------|-------|
| LED                                   | colour | weight | code        | I out | W tot |
| LED                                   | white  | 1,90   | 22184807-00 | 700   | 26    |

| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 700                      | 26    | 4000K - 3625lm - CRI>80 |
| 800                      | 30    | 4000K - 4094lm - CRI>80 |
| 900                      | 34    | 4000K - 4620lm - CRI>80 |
| 1000                     | 37    | 4000K - 5021lm - CRI>80 |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

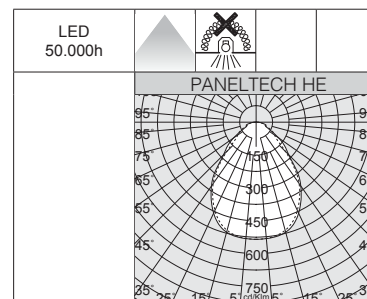
EM (emergency) lamp power kit complete with connectors. Max 54W.



**Inner slab:** in PMMA.

**Diffuser:** in prismatic engineering plastic with high transmittance.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor  $\geq 0.95$ .

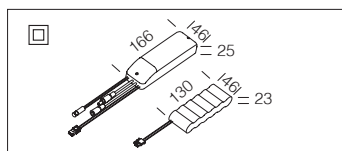


| PanelTech HE R2 - UGR<19 - DIP SWITCH |        |        |             |       |       |
|---------------------------------------|--------|--------|-------------|-------|-------|
| LED                                   | colour | weight | code        | I out | W tot |
| LED                                   | white  | 2,60   | 22185207-00 | 700   | 26    |

| DIP SWITCH SETTING       |       |                         |
|--------------------------|-------|-------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                         |
| I out                    | W tot | K - ølm - CRI           |
| 700                      | 26    | 4000K - 3566lm - CRI>80 |
| 800                      | 30    | 4000K - 4028lm - CRI>80 |
| 900                      | 34    | 4000K - 4545lm - CRI>80 |
| 1000                     | 37    | 4000K - 4940lm - CRI>80 |

| EM power kit |             |
|--------------|-------------|
| 1h           | 22096035-00 |
| 3h           | 22096037-00 |

EM (emergency) lamp power kit complete with connectors. Max 54W.





## Ceiling mounted installation with frame

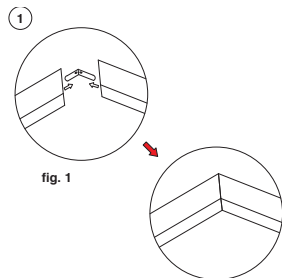


| Frame - 600x600 h44                                                   |             |
|-----------------------------------------------------------------------|-------------|
| white                                                                 | 22097001-00 |
| Frame in white-coated aluminium; to be used for ceiling installation. |             |



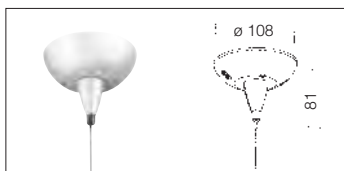
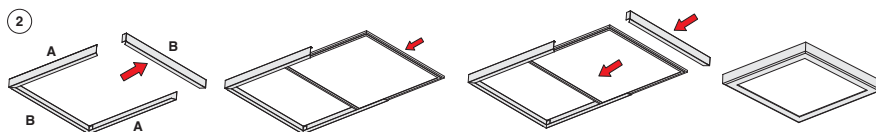
| R Frame - 1200x300 h44                                                |             |
|-----------------------------------------------------------------------|-------------|
| white                                                                 | 22097002-00 |
| Frame in white-coated aluminium; to be used for ceiling installation. |             |

1) Assembly the frame according to the following illustration (fig.1)

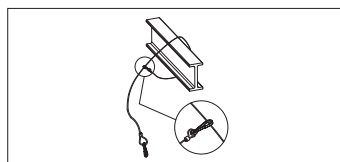


2) Installation

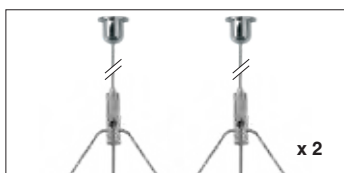
- Drill 4 holes at marking position with expansion screws and self-tapping screws (not screw too tight).
- Install the frame on the roof.
- Move and fix the ceiling frame (lift to right, or right to left) through handy hole.
- Tighten self-tapping screws.
- Open the frame **B** on one side, insert the panel into the frame, then seal the frame with tightening screws.



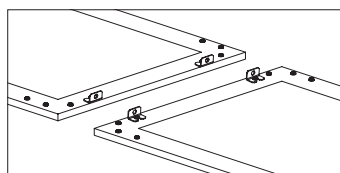
| Suspension                                                                              |             |
|-----------------------------------------------------------------------------------------|-------------|
| silver                                                                                  | 22003171-00 |
| white                                                                                   | 22003112-00 |
| Complete with steel wire (L = 100cm) and millimetre adjustment device. Max load: 20 kg. |             |



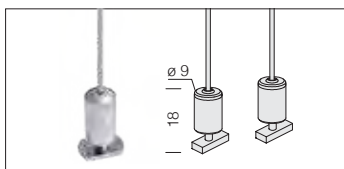
| Safety cord                                                                                  |             |
|----------------------------------------------------------------------------------------------|-------------|
|                                                                                              | 22004112-00 |
| Steel safety cord, to be used for safety installation of the fixtures inside false ceilings. |             |



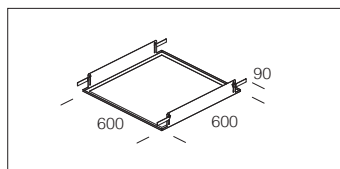
| Suspension with Y cable                                                                                                                                                                     |             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| steel                                                                                                                                                                                       | 22003411-00 |
| Ideal for suspending luminaires with 2 fixing points. The Y cable ensures the balance of the fixture. Kit supplied with Ø 1.5 mm steel cable (L=2 m standard). Load: max 15 kg. 2 per pack. |             |



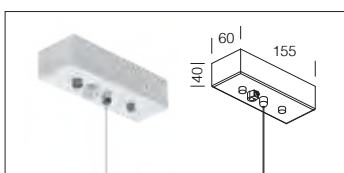
| Alignment brackets                               |             |
|--------------------------------------------------|-------------|
| steel                                            | 22026960-00 |
| Utilize for the installation in continuous line. |             |



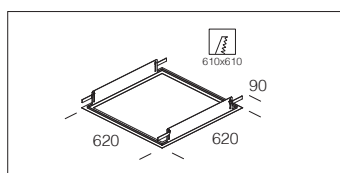
| Simple suspension                                                                            |             |
|----------------------------------------------------------------------------------------------|-------------|
| galvanised                                                                                   | 22003166-00 |
| Supplied with steel wire (L=150 cm) and millimetre adjustment device (2pcs). Max load: 20Kg. |             |



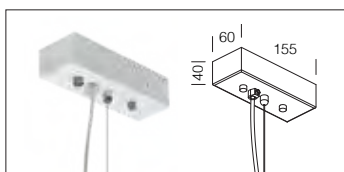
| Frame - 600x600                                                         |             |
|-------------------------------------------------------------------------|-------------|
|                                                                         | 22097010-00 |
| Ideal for mounting the fixture in false ceilings with hidden structure. |             |



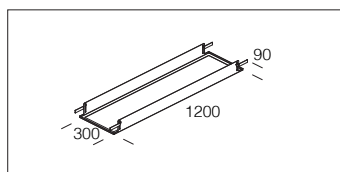
| Suspension with wire                                                                    |             |
|-----------------------------------------------------------------------------------------|-------------|
| silver                                                                                  | 22003176-00 |
| white                                                                                   | 22003118-00 |
| Complete with steel wire (L = 150cm) and millimetre adjustment device. Max load: 20 kg. |             |



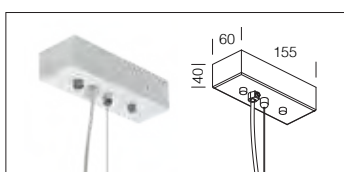
| Frame - 620x620                                                |             |
|----------------------------------------------------------------|-------------|
|                                                                | 22097015-00 |
| Ideal for mounting the fixture in plasterboard false ceilings. |             |



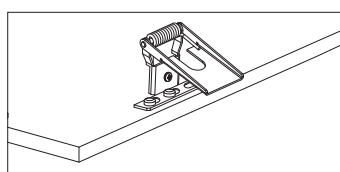
| 3P powered suspension with wire                                                                        |             |
|--------------------------------------------------------------------------------------------------------|-------------|
| silver                                                                                                 | 22003174-00 |
| white                                                                                                  | 22003190-00 |
| Supplied with steel wire (L = 150cm) and millimetre adjustment device and power cord. Max load: 20 kg. |             |



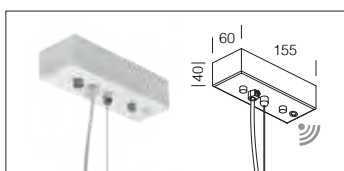
| R Frame - 1200x300                                                      |             |
|-------------------------------------------------------------------------|-------------|
|                                                                         | 22097014-00 |
| Ideal for mounting the fixture in false ceilings with hidden structure. |             |



| 5P powered suspension with wire                                                                                                       |             |
|---------------------------------------------------------------------------------------------------------------------------------------|-------------|
| white                                                                                                                                 | 22003120-00 |
| Supplied with steel wire (L = 100cm) and power cord. Max loading: 20Kg. For electric gear in <b>EM</b> and <b>DIMM DALI</b> versions. |             |



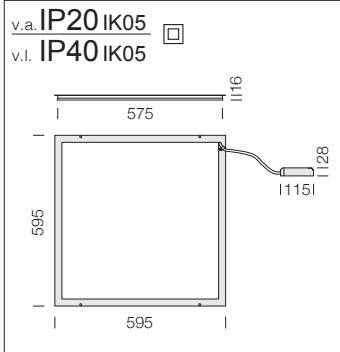
| Springs for recessed                                           |             |
|----------------------------------------------------------------|-------------|
| x 4                                                            | 22001491-00 |
| x 6                                                            | 22001492-00 |
| Ideal for mounting the fixture in plasterboard false ceilings. |             |



| 5P WIRELESS powered suspension                                                                                                                                       |             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| white                                                                                                                                                                | 22003125-00 |
| Supplied with steel wire (L = 150cm) and power cord. For the <b>WIRELESS</b> management of <b>DIMM DALI</b> versions ( <b>Out DALI : Max 7mA</b> ). Max load: 20 kg. |             |

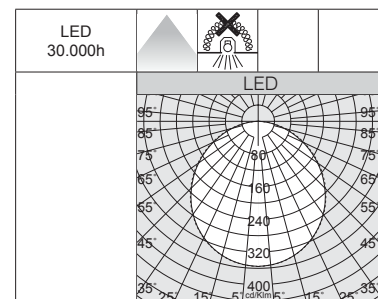
| Pannelo version              |  | min/max recessed             |
|------------------------------|--|------------------------------|
| 295x595<br>acc. 22001491-00  |  | min 280x580<br>max 285x585   |
| 295x295<br>acc. 22001491-00  |  | min 280x280<br>max 285x285   |
| 595x595<br>acc. 22001491-00  |  | min 580x580<br>max 585x585   |
| 295x1185<br>acc. 22001492-00 |  | min 280x1180<br>max 285x1185 |

**Frame LED** is a *light frame designed for false ceilings*, offering easy installation and an ideal aesthetic finish for accent lighting. Perfect for enhancing spaces such as corridors, libraries, restaurants, and meeting rooms, it combines modern design with high lighting efficiency to create an elegant and welcoming atmosphere.



**Housing/Frame:** painted sheet steel, contact mounting on the cross T structure.

**LED:** luminous flux maintenance 80%: 30.000h (L80B50).  
Power factor  $\geq 0.9$ .



| Frame LED - light frame |        |        |             |       |                          |
|-------------------------|--------|--------|-------------|-------|--------------------------|
| LED                     | colour | weight | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C) |
|                         |        |        | code        |       | K - ølm - CRI            |
| LED                     | white  | 0,50   | 22187110-00 | 40    | 4000K - 4000lm - CRI>80  |



**Housing:** painted sheet steel complete with mounting bracket and frame in aluminium.

**Comfort optics:** secondary lenses in PMMA with metallized anti-glare polycarbonate reflector for improved visual comfort.

**Diffuser:** transparent polycarbonate with high transmittance.

**Wiring:** rapid wiring connection, the fixture does not need to be opened; equipped with fast connector.

**LED:** power factor:  $\geq 0,9$ . luminous flux maintenance 80%: 50.000h (L80B20).  
Photobiological safety class: exempt group.

**Upon request:** version with CASAMBI automation lighting control system (fixtures **to be installed in NON-METALLIC false ceilings/panels**).  
For further information see chapter *Technical components*.





**Sky Panel** is a range of recessed ceiling lighting fixtures designed to bring the natural effect of **sunlight and open skies indoors**. It is a series of LED luminaires made to recreate the effect of natural daylight in windowless rooms. This type of artificial light supports the body's circadian rhythm, contributing to improved mood, reduced stress, and overall enhanced wellbeing. Moreover, it creates a naturally bright, spacious, and comfortable environment. Once installed, the comfort optics installed in Sky Panel emit a soft beam of light, calling to mind sunlight streaming through a window on a clear day.

It is a perfect choice for anyone who wants to enjoy the benefits of natural sunlight indoors: **THE BENEFITS** of using this ceiling lighting fixture are:



**PHYSIOLOGICAL:**

- Enhances visual comfort
- Regulates sleep-wake cycles
- Supports overall bodily balance



**PSYCHOLOGICAL:**

- Reduces anxiety and stress
- Improves mood
- Boosts productivity



**ARCHITECTURAL:**

- Enhances and improves the environment and the materials of the fittings within it
- Creates a greater sense of space and serves as a decorative element

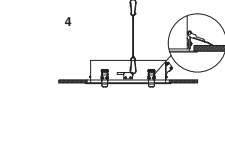
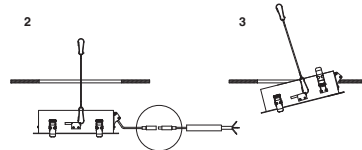
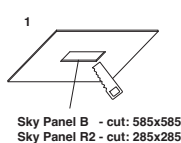
### Recessed installation or surface mounting on T-beams

**STEP 1):** Drill a hole in the false ceiling.

**STEP 2):** Bend the installation bracket to 90°. Attach one end of the supplied safety cable inside the false ceiling and the other to the fixture's safety hole. Connect the ceiling light to the driver using the quick connector and connect the driver to the mains.

**STEP 3):** Lift the installation springs and insert that side of the fixture.

**STEP 4):** Repeat with the opposite side, ensuring the fixture is fully secured in place.



**STEP 1):** Remove three panels from the ceiling T-beams.

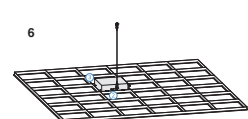
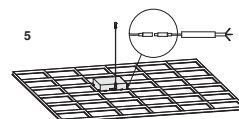
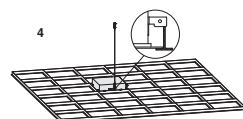
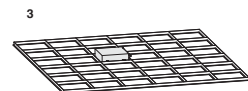
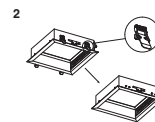
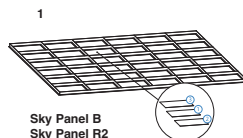
**STEP 2):** Detach the springs from the fixture.

**STEP 3):** Position the fixture to rest on the T-beams

**STEP 4):** Bend the installation bracket to 90°, then attach the supplied safety cable inside the false ceiling and to the safety hole on the fixture.

**STEP 5):** Connect the ceiling light to the driver using the quick connector and connect the driver to the mains.

**STEP 6):** Reinsert the removed panels in the T-beams.

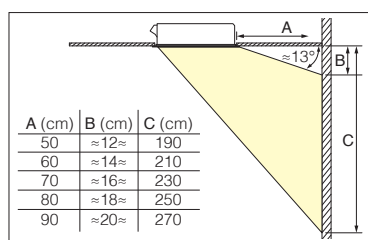
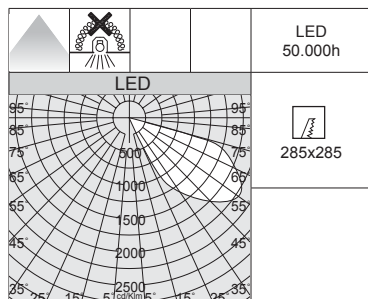
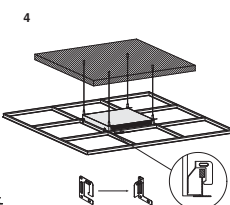
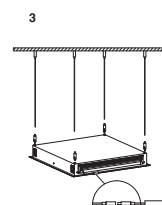
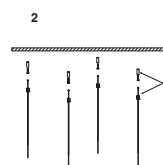
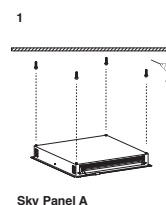


**STEP 1):** Drill holes in the ceiling to align with the fixture's mounting points and insert the supplied wall plugs.

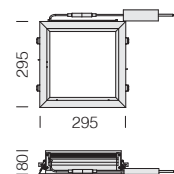
**STEP 2):** Attach one end of the safety cable to the ceiling suspension bracket and secure it.

**STEP 3):** Fasten the safety cable to the fixture using the suspension brackets. Connect the ceiling light to the driver with the quick connector, and connect the driver to the mains.

**STEP 4):** Rest the fixture on the T-beams and adjust the safety cable length until tight, ensuring the fixture's weight is supported. Bend the fixture's supplied suspension hook to attach it directly to the ceiling T-beams.



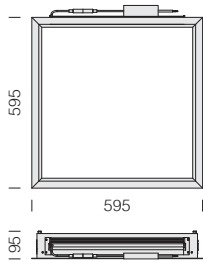
v.a. IP20 IK07  
v.l. IP40 IK07



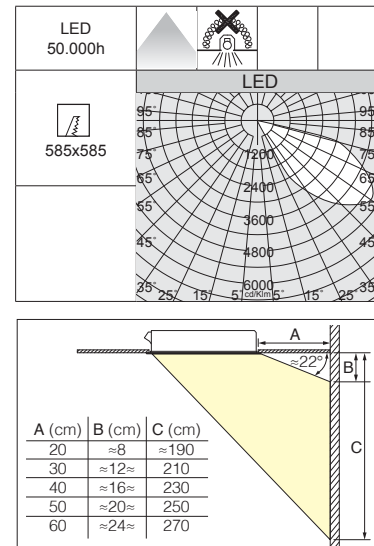
**LED:** luminous flux maintenance  
80%: 50.000h (L80B20).  
Power factor ≥0.95.

| Sky Panel B |        |        |                          |       |                         |
|-------------|--------|--------|--------------------------|-------|-------------------------|
| CLD         |        |        | LUMEN OUTPUT (tq= 25 °C) |       |                         |
| LED         | colour | weight | code                     | W tot | K - ølm - CRI           |
| LED         | white  | 1,80   | 22186810-00              | 16    | 4200K - 1360lm - CRI>80 |

v.a. IP20 IK07  
v.l. IP40 IK07

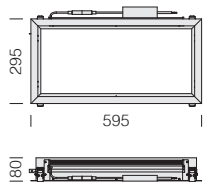


**LED:** luminous flux maintenance  
80%: 50.000h (L80B20).  
Power factor  $\geq 0.95$ .

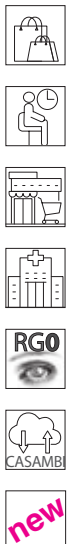
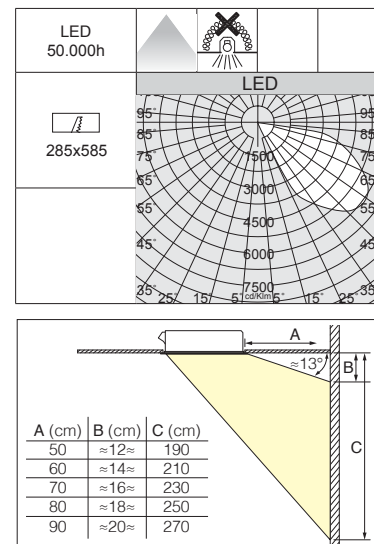
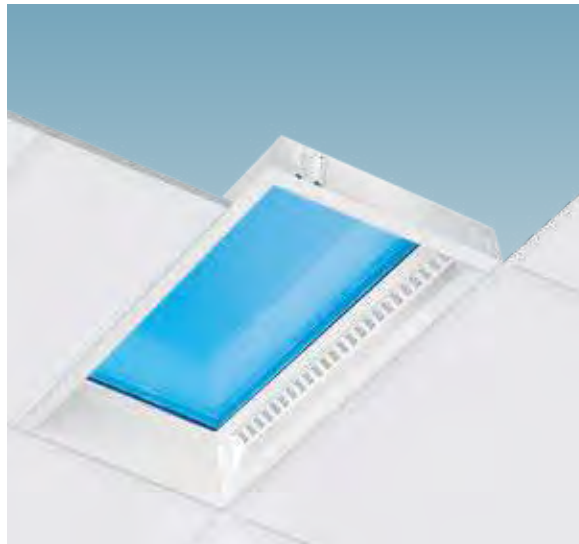


| Sky Panel A |        |        |             |                          |                         |
|-------------|--------|--------|-------------|--------------------------|-------------------------|
|             |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED         | colour | weight | code        | W tot                    | K - ølm - CRI           |
| <b>LED</b>  | white  | 6,00   | 22186910-00 | <b>60</b>                | 4200K - 4000lm - CRI>80 |

v.a. IP20 IK07  
v.l. IP40 IK07



**LED:** luminous flux maintenance  
80%: 50.000h (L80B20).  
Power factor  $\geq 0.95$ .



| Sky Panel R2 |        |        |             |                          |                         |
|--------------|--------|--------|-------------|--------------------------|-------------------------|
|              |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED          | colour | weight | code        | W tot                    | K - ølm - CRI           |
| <b>LED</b>   | white  | 3,30   | 22187010-00 | <b>35</b>                | 4200K - 2975lm - CRI>80 |







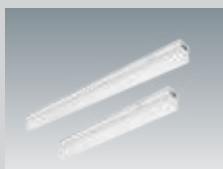
## Liset 2.0 SYSTEM



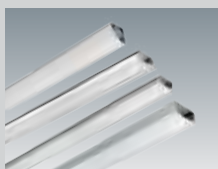
## SINTESI INFINITY



## BOREALLED

MICRO LISET  
PROFESSIONAL

## PROFILE



## STRIP LED CRI&gt;90



## STRIP LED CRI&gt;80



## STRIP LED IP20-IP65



## STRIP LED SILICONE



Intro p. 168

Liset 2.0 HE p. 174

Liset 2.0 Dark light p. 182

Liset 2.0 comfort optics p. 184

Liset 2.0 with diffuser p. 188

Liset 2.0 trimless p. 190

Liset 2.0 compositions p. 192

Liset 2.0 INFINITY p. 198

Liset 2.0 TW - HCL p. 200

Liset 2.0 acc p. 204

Liset 2.0 SQ p. 208

Liset 2.0 RT p. 210

Liset 2.0 light blade p. 212

Liset 2.0 wall version p. 214

Liset 2.0 OR p. 218

Liset 2.0 OFFICE p. 220

Liset 2.0 HOME p. 222

Liset 2.0 TABLE p. 224

Sintesi INFINITY DIP SWITCH p. 226

Borealed p. 228

Micro Liset Professional p. 230

Profile for Strip LED p. 236

Strip LED p. 238



**Liset 2.0** is a real multi-purpose lighting system studied to make the best use of the LED technology. Its clean lines and luminous efficiency ensure extraordinary light and colour effects. The system's extreme flexibility is guaranteed by the numerous compositions that can be made using the angular module to create ALL LIGHT solutions, which can offer uniform lighting of the space and constant visual comfort.

The system's main feature is the possibility to integrate a wide selection of additional recessed lights, ceiling spotlights and projectors from the Matrix Q series. Thanks to the different combinations of power, lumen, light beams and aesthetic finishes, Liset 2.0 System can perfectly fit into any architectural structure, enhancing both the showroom space and the items on display.

**Housing:** made of extruded aluminium.

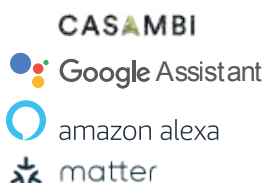
**Heads:** in die cast aluminium.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10). Power factor:  $\geq 0,92$ . Photobiological safety class: exempt group.

**CASAMBI VOICE available soon:**

an innovative interface to control DALI devices at the same time using the CASAMBI app through Bluetooth and voice control using assistants, such as AMAZON ALEXA/GOOGLE HOME/MATTER through Wi-Fi.

CASAMBI and AMAZON ALEXA/GOOGLE HOME/MATTER are independent systems that are designed to communicate with and update each other.







| Classification of UGR values by applications |      |                                                                          |
|----------------------------------------------|------|--------------------------------------------------------------------------|
| UGR                                          | ≤ 16 | Very demanding applications (technical drawings)                         |
|                                              | ≤ 19 | Offices and schools (reading, writing, business meetings, computer work) |
|                                              | ≤ 22 | Industrial applications, craftsmen                                       |
|                                              | > 28 | High glare                                                               |

The UGR (unified glare rating) is an international unified measure developed by the CIE (Commission International de l'Eclairage) to assess the direct glare generated by a lighting system. The European standard regulating the lighting of indoor work places (**UNI-EN 12464-1**) recommends a specific UGR value for different applications ranging between **10 and 30; the lower the UGR value, the lower the glare**. The exact value of this index differs by project

type because it depends on the position of the luminaires, room characteristics (dimensions, reflections) and on the point of observation of viewers.





### Anything is possible!

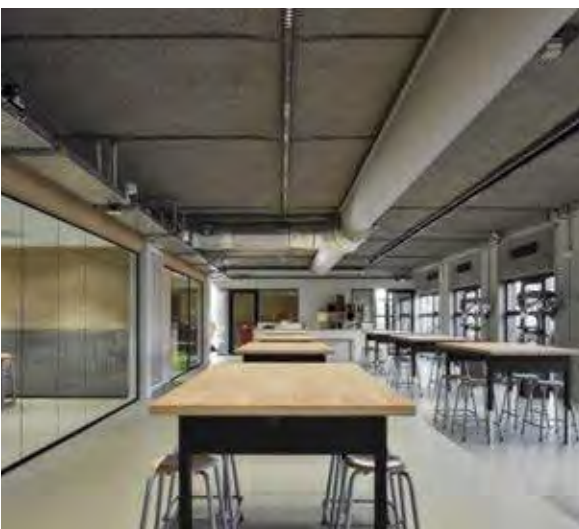
Creating lighting scenarios with Liset 2.0 has never been so exciting!

Thanks to the seamless material manufacturing, you can design ALL LIGHT linear patterns, with hidden 45° intersections for maximum freedom and creativity.

Liset 2.0 is a linear and modular lighting system that is easily customisable and capable of offering a series of lighting solutions in any setting, including retailing, artistic and cultural spaces or in entrance lobbies and/or hospitality facilities.

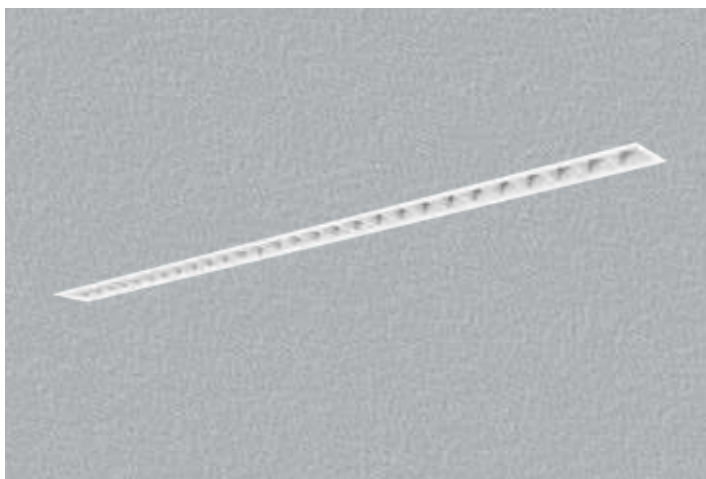
Compact, elegant, flexible and small, Liset 2.0 is simple to install as a recessed, ceiling, suspension or track lamp.







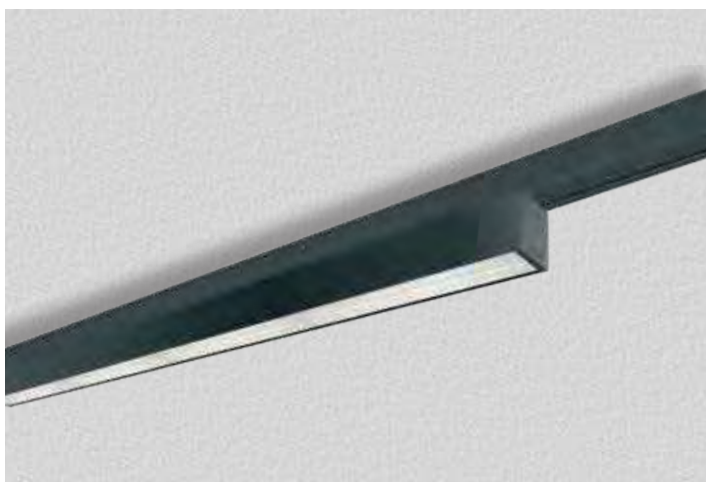
Liset 2.0 is available in versions with polycarbonate HE optics, with dark light lamellar optics with  $UGR < 19$ , or with either white, black and dark polycarbonate comfort optics and polycarbonate opal diffuser. The entire range has latest generation 3000K/4000K LED sources with 80 CRI, making these products easy to fit into any lighting design project.



**Recessed and Trimless**



**Ceiling and Wall**



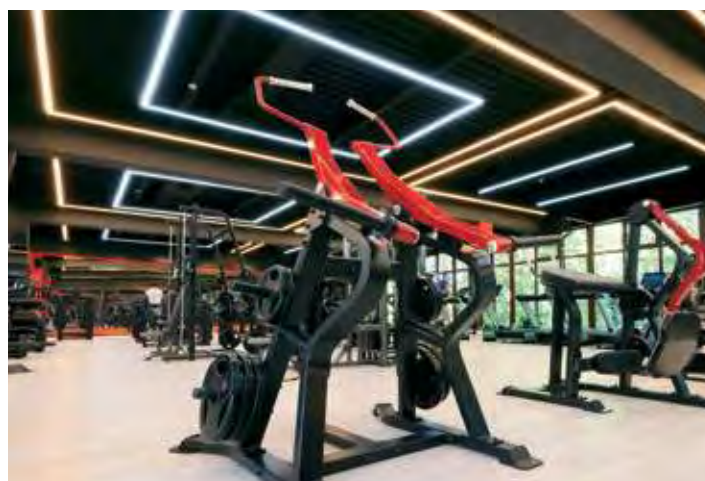
**Track**



**Suspension**



**Office/Home**



**TW/HCL**

**Colours and finishes:**



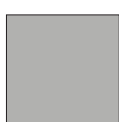
smooth matt  
white



smooth matt  
black



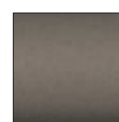
smooth  
anodic ice



smooth  
silver



smooth  
golden beach



smooth  
bronze



gold



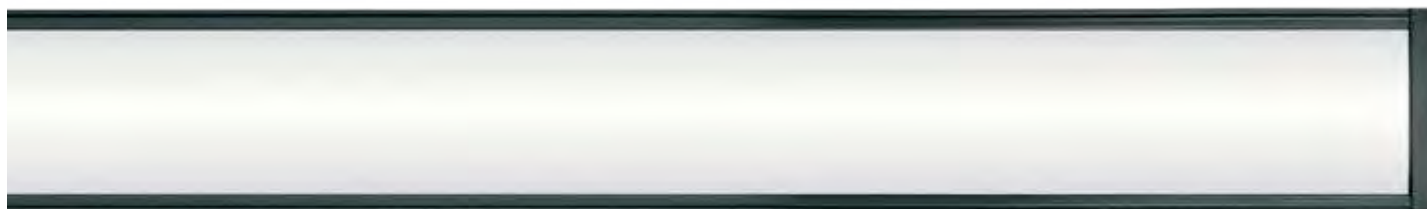
**High-Efficiency** polycarbonate optics with very low glare coefficient, resistant to high temperature and UV radiation. **90° WIDE-BEAM (60° Upon request), 30°X80° ELLIPTIC , ASYMMETRIC, UGR19** optics version.



**Dark light louver:** double parabolic louvers, in high-gloss 99.99 aluminium, anti-glare and anti-iridescence, very low luminance with PVD treatment.

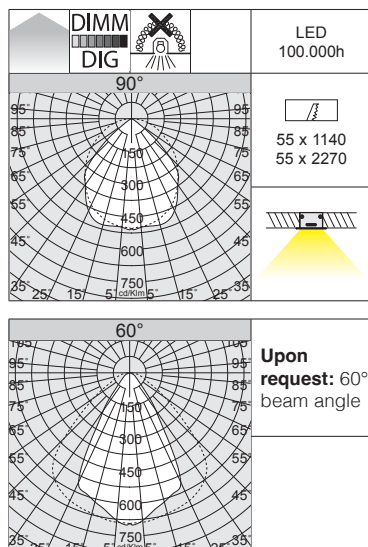


**Comfort optics:** in black, white (upon request) and dark metallized anti-glare polycarbonate for improved visual comfort. **Upon request** available Versions with round optics

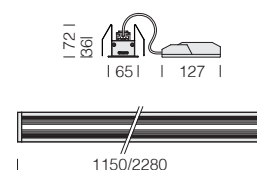


**Diffuser in opal polycarbonate,** anti-glare, shatterproof and self-extinguishing V2 polycarbonate, UV-stabilised.





v.a. IP20 IK07  
v.l. IP40 IK07



**Optics:** in polycarbonate, with very low glare coefficient, resistant to high temperature and UV radiation.

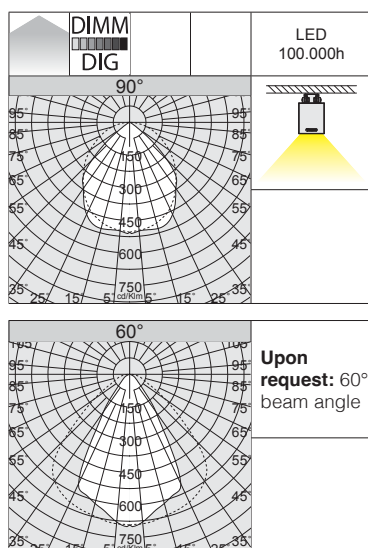
**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .

#### Liset 2.0 HE - recessed - 90°

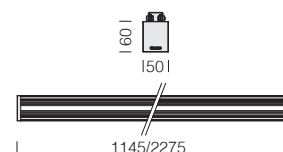
| LED           | housing | L (mm) | weight | CLD         | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C) |
|---------------|---------|--------|--------|-------------|------------------|-------|--------------------------|
|               |         |        |        | code        | code             |       | K - $\phi$ lm - CRI      |
| LED 4 modules | white   | 1150   | 2,00   | 22303001-00 | 22303001-1241    | 29    | 4000K - 3336lm - CRI>80  |
|               |         |        |        | 22303001-39 | 22303001-3941    |       | 3000K - 3103lm - CRI>80  |
| LED 8 modules | white   | 2280   | 3,70   | 22303002-00 | 22303002-1241    | 56    | 4000K - 6673lm - CRI>80  |
|               |         |        |        | 22303002-39 | 22303002-3941    |       | 3000K - 6206lm - CRI>80  |

**Upon request: CRI>90** (3000K-4000K)

- version with black housing
- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)



IP40 IK07



**Optics:** in polycarbonate, with very low glare coefficient, resistant to high temperature and UV radiation.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .

#### Liset 2.0 HE - ceiling - 90°

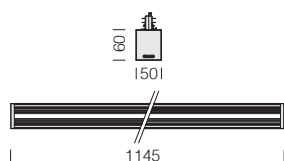
| LED           | housing | L (mm) | weight | CLD         | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C) |
|---------------|---------|--------|--------|-------------|------------------|-------|--------------------------|
|               |         |        |        | code        | code             |       | K - $\phi$ lm - CRI      |
| LED 4 modules | white   | 1145   | 2,80   | 22303003-00 | 22303003-1241    | 29    | 4000K - 3336lm - CRI>80  |
|               | black   |        |        | 22303033-00 | 22303033-1241    |       |                          |
| LED 4 modules | white   | 1145   | 2,80   | 22303003-39 | 22303003-3941    | 29    | 3000K - 3103lm - CRI>80  |
|               | black   |        |        | 22303033-39 | 22303033-3941    |       |                          |
| LED 8 modules | white   | 2275   | 5,30   | 22303004-00 | 22303004-1241    | 56    | 4000K - 6673lm - CRI>80  |
|               | black   |        |        | 22303034-00 | 22303034-1241    |       |                          |
| LED 8 modules | white   | 2275   | 5,30   | 22303004-39 | 22303004-3941    | 56    | 3000K - 6206lm - CRI>80  |
|               | black   |        |        | 22303034-39 | 22303034-3941    |       |                          |

**Upon request: CRI>90** (3000K-4000K)

- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)



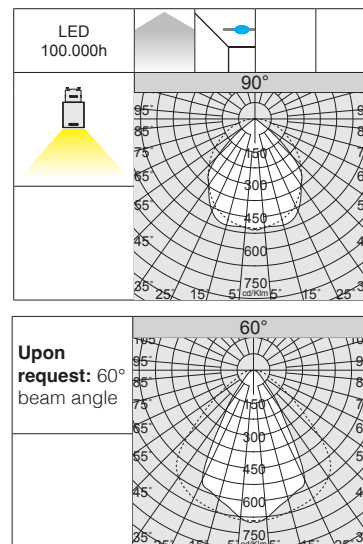
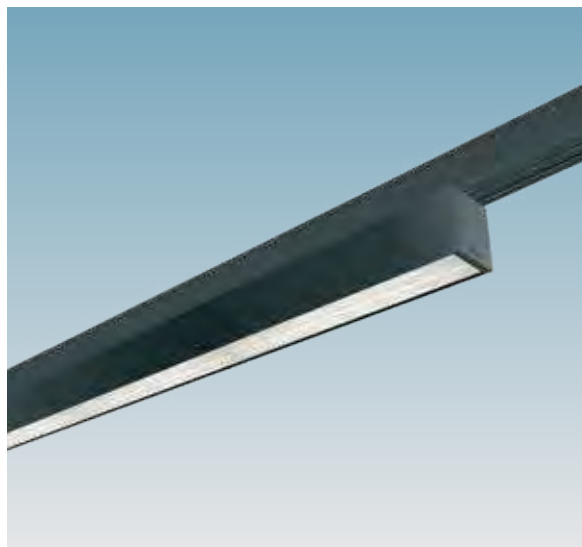
IP40 IK07



**Optics:** in polycarbonate, with very low glare coefficient, resistant to high temperature and UV radiation.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).

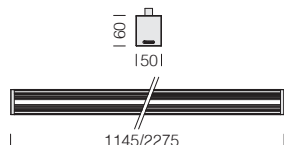
Power factor  $\geq 0.92$ .



Liset 2.0 HE - track - 90°

| Liset 2.0 HE - track - 90°                                                                                                                                                                                                                                                                                                                                                                                                                                |         |        |        |             |                          |                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|--------|-------------|--------------------------|-------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         | CLD    |        |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED                                                                                                                                                                                                                                                                                                                                                                                                                                                       | housing | L (mm) | weight | code        | W tot                    | K - ølm - CRI           |
| LED 4 modules                                                                                                                                                                                                                                                                                                                                                                                                                                             | white   | 1145   | 2,70   | 22303006-00 | 29                       | 4000K - 3336lm - CRI>80 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                           | black   |        |        | 22303036-00 |                          |                         |
| LED 4 modules                                                                                                                                                                                                                                                                                                                                                                                                                                             | white   | 1145   | 2,70   | 22303006-39 | 29                       | 3000K - 3103lm - CRI>80 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                           | black   |        |        | 22303036-39 |                          |                         |
| Upon request: CRI>90 (3000K-4000K)                                                                                                                                                                                                                                                                                                                                                                                                                        |         |        |        |             |                          |                         |
| <ul style="list-style-type: none"><li>DIMM-DALI version with sub-code <b>-1241</b> (4000K) or <b>-3941</b> (3000K)</li><li>PUSH-DIMM version with sub-code <b>-1245</b> (4000K) or <b>-3945</b> (3000K)</li><li>1h EM version with subcode <b>-09</b> (4000K) or <b>-0928</b> (3000K) - 3h EM version with subcode <b>-31</b> (4000K) or <b>-3957</b> (3000K); KIT EM for OMINTRACK PLUS to be purchased separately (see chapter <i>Tracks</i>)</li></ul> |         |        |        |             |                          |                         |

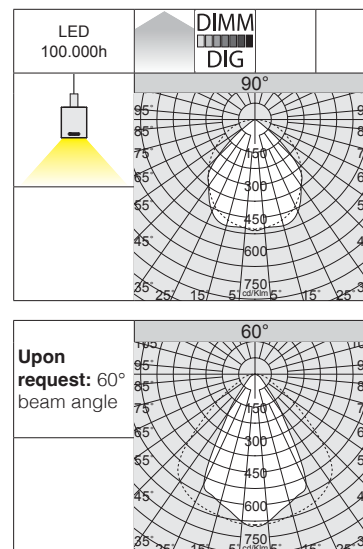
IP40 IK07



**Optics:** in polycarbonate, with very low glare coefficient, resistant to high temperature and UV radiation.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).

Power factor  $\geq 0.92$ .



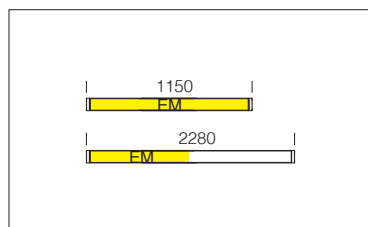
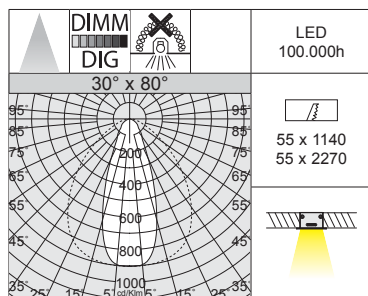
Liset 2.0 HE - suspension - direct light - 90°

|               |         | CLD    |        | CLD D-DIG (DALI) |               | LUMEN OUTPUT (tq= 25 °C) |                         |
|---------------|---------|--------|--------|------------------|---------------|--------------------------|-------------------------|
| LED           | housing | L (mm) | weight | code             | code          | W tot                    | K - ølm - CRI           |
| LED 4 modules | white   | 1145   | 2,70   | 22303008-00      | 22303008-1241 | 29                       | 4000K - 3336lm - CRI>80 |
|               | black   |        |        | 22303038-00      | 22303038-1241 |                          |                         |
| LED 4 modules | white   | 1145   | 2,70   | 22303008-39      | 22303008-3941 | 29                       | 3000K - 3103lm - CRI>80 |
|               | black   |        |        | 22303038-39      | 22303038-3941 |                          |                         |
| LED 8 modules | white   | 2275   | 5,30   | 22303009-00      | 22303009-1241 | 56                       | 4000K - 6673lm - CRI>80 |
|               | black   |        |        | 22303039-00      | 22303039-1241 |                          |                         |
| LED 8 modules | white   | 2275   | 5,30   | 22303009-39      | 22303009-3941 | 56                       | 3000K - 6206lm - CRI>80 |
|               | black   |        |        | 22303039-39      | 22303039-3941 |                          |                         |

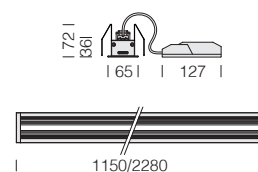
Complete with millimetre adjustment device; suspensions to be purchased separately (see accessories page).

**Upon request: CRI>90 (3000K-4000K)**

- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)



v.a. IP20 IK07  
v.l. IP40 IK07



**Optics:** in polycarbonate, with very low glare coefficient, resistant to high temperature and UV radiation.

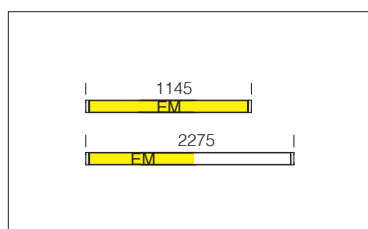
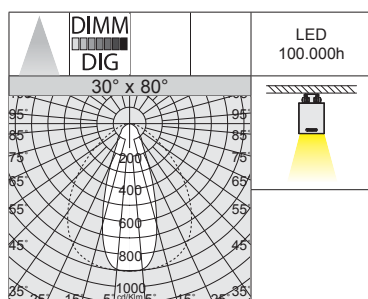
**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .

#### Liset 2.0 HE - recessed - 30° x 80°

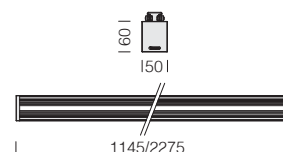
| LED           | housing | L (mm) | weight | CLD         | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C) |
|---------------|---------|--------|--------|-------------|------------------|-------|--------------------------|
|               |         |        |        | code        | code             |       | K - ølm - CRI            |
| LED 4 modules | white   | 1150   | 1,90   | 22303101-00 | 22303101-1241    | 29    | 4000K - 3319lm - CRI>80  |
|               |         |        |        | 22303101-39 | 22303101-3941    |       | 3000K - 3087lm - CRI>80  |
| LED 8 modules | white   | 2280   | 3,80   | 22303102-00 | 22303102-1241    | 56    | 4000K - 6638lm - CRI>80  |
|               |         |        |        | 22303102-39 | 22303102-3941    |       | 3000K - 6174lm - CRI>80  |

Upon request: CRI>90 (3000K-4000K)

- version with black housing
- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)



IP40 IK07



**Optics:** in polycarbonate, with very low glare coefficient, resistant to high temperature and UV radiation.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .

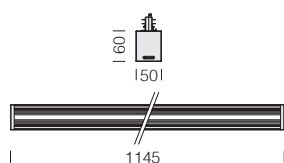
#### Liset 2.0 HE - ceiling - 30° x 80°

| LED           | housing | L (mm) | weight | CLD         | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C) |
|---------------|---------|--------|--------|-------------|------------------|-------|--------------------------|
|               |         |        |        | code        | code             |       | K - ølm - CRI            |
| LED 4 modules | white   | 1145   | 2,70   | 22303104-00 | 22303104-1241    | 29    | 4000K - 3319lm - CRI>80  |
|               | black   |        |        | 22303134-00 | 22303134-1241    |       |                          |
| LED 4 modules | white   | 1145   | 2,70   | 22303104-39 | 22303104-3941    | 29    | 3000K - 3087lm - CRI>80  |
|               | black   |        |        | 22303134-39 | 22303134-3941    |       |                          |
| LED 8 modules | white   | 2275   | 5,20   | 22303105-00 | 22303105-1241    | 56    | 4000K - 6638lm - CRI>80  |
|               | black   |        |        | 22303135-00 | 22303135-1241    |       |                          |
| LED 8 modules | white   | 2275   | 5,20   | 22303105-39 | 22303105-3941    | 56    | 3000K - 6174lm - CRI>80  |
|               | black   |        |        | 22303135-39 | 22303135-3941    |       |                          |

Upon request: CRI>90 (3000K-4000K)

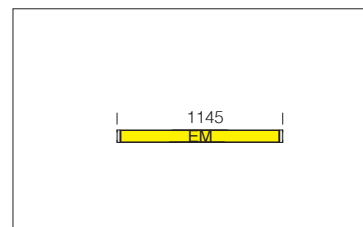
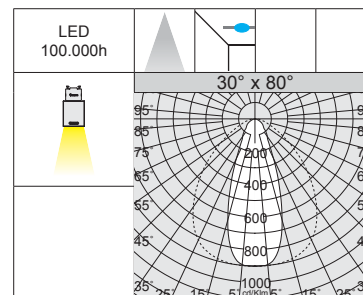
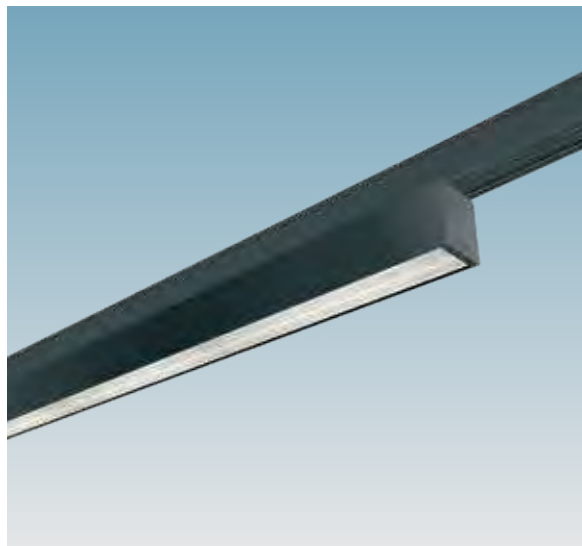
- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)

IP40 IK07



**Optics:** in polycarbonate, with very low glare coefficient, resistant to high temperature and UV radiation.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .



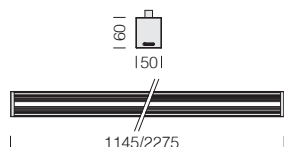
## Liset 2.0 HE - track - 30° x 80°

| LED           | housing | CLD    |        |             | W tot | LUMEN OUTPUT (tq= 25 °C) |
|---------------|---------|--------|--------|-------------|-------|--------------------------|
|               |         | L (mm) | weight | code        |       | K - ølm - CRI            |
| LED 4 modules | white   | 1145   | 2,60   | 22303107-00 | 29    | 4000K - 3319lm - CRI>80  |
|               | black   |        |        | 22303137-00 |       |                          |
| LED 4 modules | white   | 1145   | 2,60   | 22303107-39 | 29    | 3000K - 3087lm - CRI>80  |
|               | black   |        |        | 22303137-39 |       |                          |

Upon request: CRI>90 (3000K-4000K)

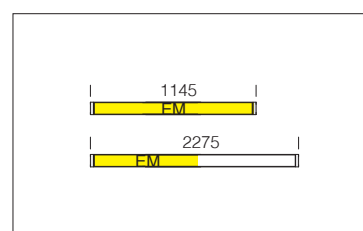
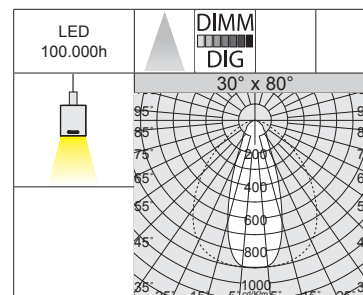
- DIMM-DALI version with sub-code **-1241** (4000K) or **-3941** (3000K)
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K); KIT EM for OMINTRACK PLUS to be purchased separately (see chapter *Tracks*)

IP40 IK07



**Optics:** in polycarbonate, with very low glare coefficient, resistant to high temperature and UV radiation.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .



## Liset 2.0 HE - suspension - direct light - 30° x 80°

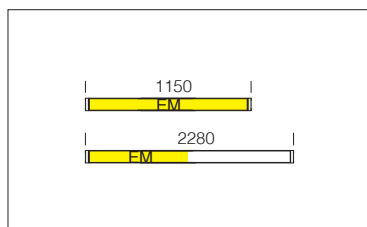
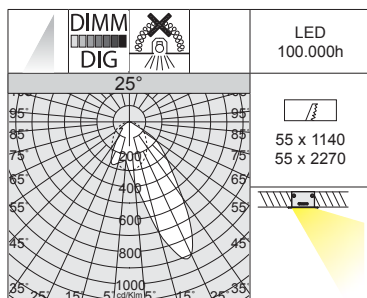
| LED           | housing | L (mm) | weight | CLD         |                       | W tot | LUMEN OUTPUT (tq= 25 °C) |
|---------------|---------|--------|--------|-------------|-----------------------|-------|--------------------------|
|               |         |        |        | code        | CLD D-DIG (DALI) code |       | K - ølm - CRI            |
| LED 4 modules | white   | 1145   | 2,60   | 22303110-00 | 22303110-1241         | 29    | 4000K - 3319lm - CRI>80  |
|               | black   |        |        | 22303130-00 | 22303130-1241         |       |                          |
| LED 4 modules | white   | 1145   | 2,60   | 22303110-39 | 22303110-3941         | 29    | 3000K - 3087lm - CRI>80  |
|               | black   |        |        | 22303130-39 | 22303130-3941         |       |                          |
| LED 8 modules | white   | 2275   | 5,30   | 22303111-00 | 22303111-1241         | 56    | 4000K - 6638lm - CRI>80  |
|               | black   |        |        | 22303131-00 | 22303131-1241         |       |                          |
| LED 8 modules | white   | 2275   | 5,30   | 22303111-39 | 22303111-3941         | 56    | 3000K - 6174lm - CRI>80  |
|               | black   |        |        | 22303131-39 | 22303131-3941         |       |                          |

Complete with millimetre adjustment device; suspensions to be purchased separately (see accessories page).

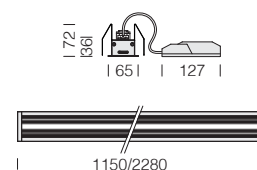
Upon request: CRI>90 (3000K-4000K)

- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)





v.a. IP20 IK07  
v.l. IP40 IK07



**Optics:** in polycarbonate, with very low glare coefficient, resistant to high temperature and UV radiation.

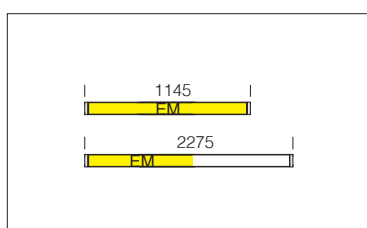
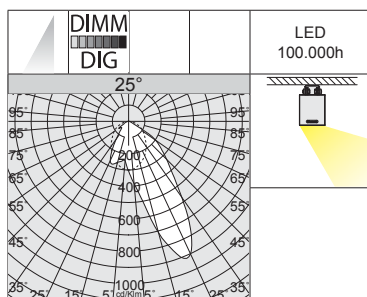
**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .

### Liset 2.0 HE - recessed - 25° asymmetric optics

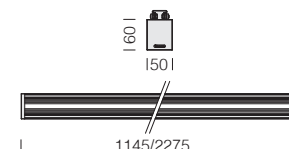
| LED           | housing | CLD    |        | CLD D-DIG (DALI) |               | W tot | LUMEN OUTPUT (tq= 25 °C) |
|---------------|---------|--------|--------|------------------|---------------|-------|--------------------------|
|               |         | L (mm) | weight | code             | code          |       | K - ølm - CRI            |
| LED 4 modules | white   | 1150   | 1,90   | 22303201-00      | 22303201-1241 | 29    | 4000K - 3091lm - CRI>80  |
|               |         |        |        | 22303201-39      | 22303201-3941 |       | 3000K - 2875lm - CRI>80  |
| LED 8 modules | white   | 2280   | 4,00   | 22303202-00      | 22303202-1241 | 56    | 4000K - 6182lm - CRI>80  |
|               |         |        |        | 22303202-39      | 22303202-3941 |       | 3000K - 5794lm - CRI>80  |

Upon request: CRI>90 (3000K-4000K)

- version with black housing
- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)



IP40 IK07



**Optics:** in polycarbonate, with very low glare coefficient, resistant to high temperature and UV radiation.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .

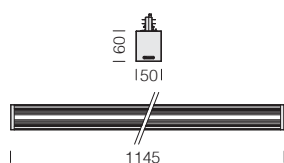
### Liset 2.0 HE - ceiling - 25° asymmetric optics

| LED           | housing | CLD    |        | CLD D-DIG (DALI) |               | W tot | LUMEN OUTPUT (tq= 25 °C) |
|---------------|---------|--------|--------|------------------|---------------|-------|--------------------------|
|               |         | L (mm) | weight | code             | code          |       | K - ølm - CRI            |
| LED 4 modules | white   | 1145   | 2,80   | 22303203-00      | 22303203-1241 | 29    | 4000K - 3091lm - CRI>80  |
|               | black   |        |        | 22303233-00      | 22303233-1241 |       |                          |
| LED 4 modules | white   | 1145   | 2,80   | 22303203-39      | 22303203-3941 | 29    | 3000K - 2875lm - CRI>80  |
|               | black   |        |        | 22303233-39      | 22303233-3941 |       |                          |
| LED 8 modules | white   | 2275   | 5,40   | 22303204-00      | 22303204-1241 | 56    | 4000K - 6182lm - CRI>80  |
|               | black   |        |        | 22303234-00      | 22303234-1241 |       |                          |
| LED 8 modules | white   | 2275   | 5,40   | 22303204-39      | 22303204-3941 | 56    | 3000K - 5794lm - CRI>80  |
|               | black   |        |        | 22303234-39      | 22303234-3941 |       |                          |

Upon request: CRI>90 (3000K-4000K)

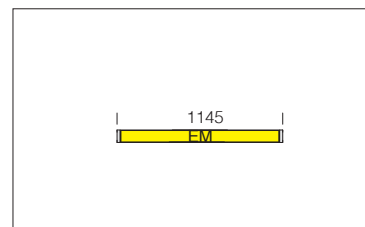
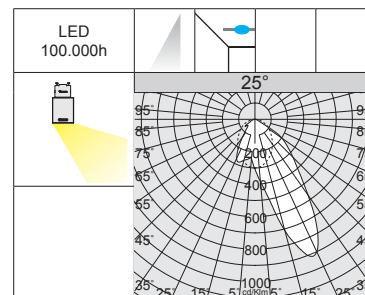
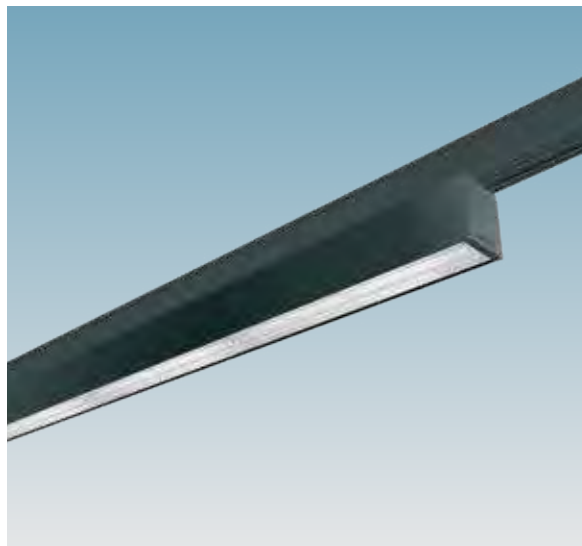
- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)

IP40 IK07



**Optics:** in polycarbonate, with very low glare coefficient, resistant to high temperature and UV radiation.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .



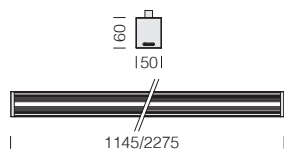
## Liset 2.0 HE - track - 25° asymmetric optics

| LED           | housing | CLD    |        |             | W tot | LUMEN OUTPUT (tq= 25 °C) |
|---------------|---------|--------|--------|-------------|-------|--------------------------|
|               |         | L (mm) | weight | code        |       | K - ølm - CRI            |
| LED 4 modules | white   | 1145   | 2,70   | 22303206-00 | 29    | 4000K - 3091lm - CRI>80  |
|               | black   |        |        | 22303236-00 |       |                          |
| LED 4 modules | white   | 1145   | 2,70   | 22303206-39 | 29    | 3000K - 2875lm - CRI>80  |
|               | black   |        |        | 22303236-39 |       |                          |

**Upon request: CRI>90 (3000K-4000K)**

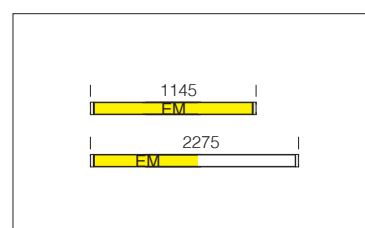
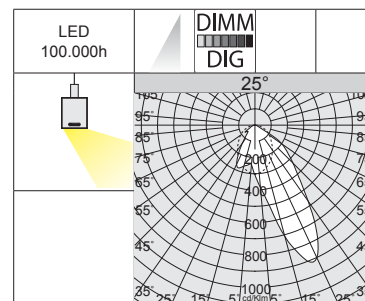
- DIMM-DALI version with sub-code **-1241** (4000K) or **-3941** (3000K)
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K); KIT EM for OMINTRACK PLUS to be purchased separately (see chapter *Tracks*)

IP40 IK07



**Optics:** in polycarbonate, with very low glare coefficient, resistant to high temperature and UV radiation.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .



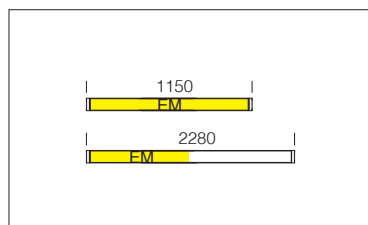
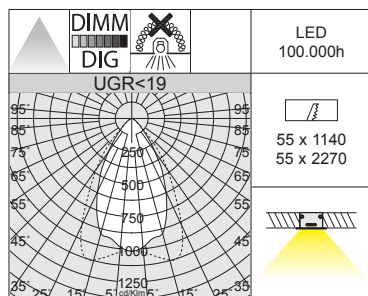
## Liset 2.0 HE - suspension - direct light - 25° asymmetric optics

| Liset 2.0 HE - suspension - direct light - 25° asymmetric optics |         |        |        |             |                  |       |                         |                          |
|------------------------------------------------------------------|---------|--------|--------|-------------|------------------|-------|-------------------------|--------------------------|
|                                                                  |         | CLD    |        |             | CLD D-DIG (DALI) |       |                         | LUMEN OUTPUT (tq= 25 °C) |
| LED                                                              | housing | L (mm) | weight | code        | code             | W tot | K - ølm - CRI           |                          |
| LED 4 modules                                                    | white   | 1145   | 2,80   | 22303208-00 | 22303208-1241    | 29    | 4000K - 3091lm - CRI>80 |                          |
|                                                                  | black   |        |        | 22303238-00 | 22303238-1241    |       |                         |                          |
| LED 4 modules                                                    | white   | 1145   | 2,80   | 22303208-39 | 22303208-3941    | 29    | 3000K - 2875lm - CRI>80 |                          |
|                                                                  | black   |        |        | 22303238-39 | 22303238-3941    |       |                         |                          |
| LED 8 modules                                                    | white   | 2275   | 5,20   | 22303209-00 | 22303209-1241    | 56    | 4000K - 6182lm - CRI>80 |                          |
|                                                                  | black   |        |        | 22303239-00 | 22303239-1241    |       |                         |                          |
| LED 8 modules                                                    | white   | 2275   | 5,20   | 22303209-39 | 22303209-3941    | 56    | 3000K - 5794lm - CRI>80 |                          |
|                                                                  | black   |        |        | 22303239-39 | 22303239-3941    |       |                         |                          |

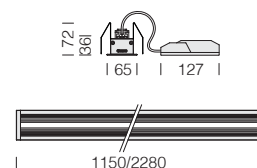
Complete with millimetre adjustment device; suspensions to be purchased separately (see accessories page).

**Upon request: CRI>90 (3000K-4000K)**

- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)



v.a. IP20 IK07  
v.l. IP40 IK07



**Optics:** in polycarbonate, with very low glare coefficient, resistant to high temperature and UV radiation.

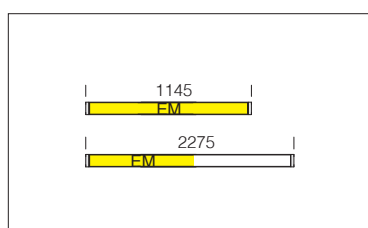
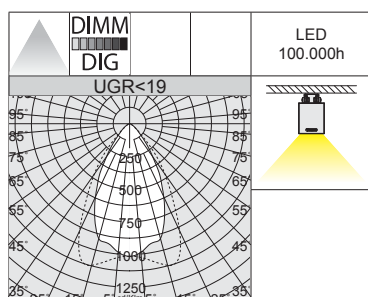
**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .

### Liset 2.0 HE - recessed - UGR<19

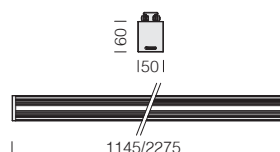
| LED           | housing | CLD    |        | CLD D-DIG (DALI) |               | W tot | LUMEN OUTPUT (tq= 25 °C) |
|---------------|---------|--------|--------|------------------|---------------|-------|--------------------------|
|               |         | L (mm) | weight | code             | code          |       | K - $\phi$ lm - CRI      |
| LED 2 modules | white   | 1150   | 1,80   | 22303401-00      | 22303401-1241 | 26    | 4000K - 3673lm - CRI>80  |
|               |         |        |        | 22303401-39      | 22303401-3941 |       | 3000K - 3416lm - CRI>80  |
| LED 4 modules | white   | 2280   | 3,80   | 22303402-00      | 22303402-1241 | 52    | 4000K - 7346lm - CRI>80  |
|               |         |        |        | 22303402-39      | 22303402-3941 |       | 3000K - 6832lm - CRI>80  |

Upon request: CRI>90 (3000K-4000K)

- version with black housing
- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)



IP40 IK07



**Optics:** in polycarbonate, with very low glare coefficient, resistant to high temperature and UV radiation.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .

### Liset 2.0 HE - ceiling - UGR<19

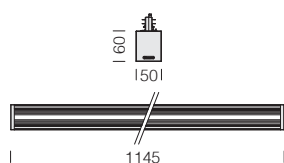
| LED           | housing | CLD    |        | CLD D-DIG (DALI) |               | W tot | LUMEN OUTPUT (tq= 25 °C) |
|---------------|---------|--------|--------|------------------|---------------|-------|--------------------------|
|               |         | L (mm) | weight | code             | code          |       | K - $\phi$ lm - CRI      |
| LED 2 modules | white   | 1145   | 2,70   | 22303403-00      | 22303403-1241 | 26    | 4000K - 3673lm - CRI>80  |
|               | black   |        |        | 22303433-00      | 22303433-1241 |       |                          |
| LED 2 modules | white   | 1145   | 2,70   | 22303403-39      | 22303403-3941 | 26    | 3000K - 3416lm - CRI>80  |
|               | black   |        |        | 22303433-39      | 22303433-3941 |       |                          |
| LED 4 modules | white   | 2275   | 5,30   | 22303404-00      | 22303404-1241 | 52    | 4000K - 7346lm - CRI>80  |
|               | black   |        |        | 22303434-00      | 22303434-1241 |       |                          |
| LED 4 modules | white   | 2275   | 5,30   | 22303404-39      | 22303404-3941 | 52    | 3000K - 6832lm - CRI>80  |
|               | black   |        |        | 22303434-39      | 22303434-3941 |       |                          |

Upon request: CRI>90 (3000K-4000K)

- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)

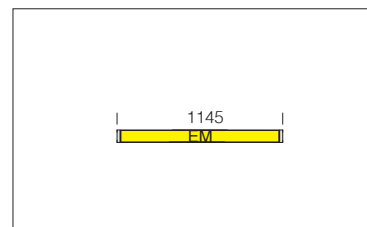
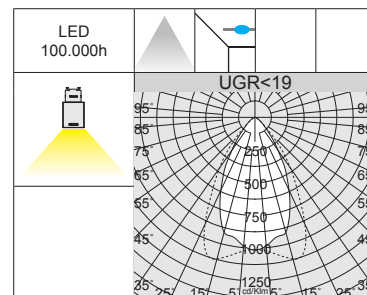
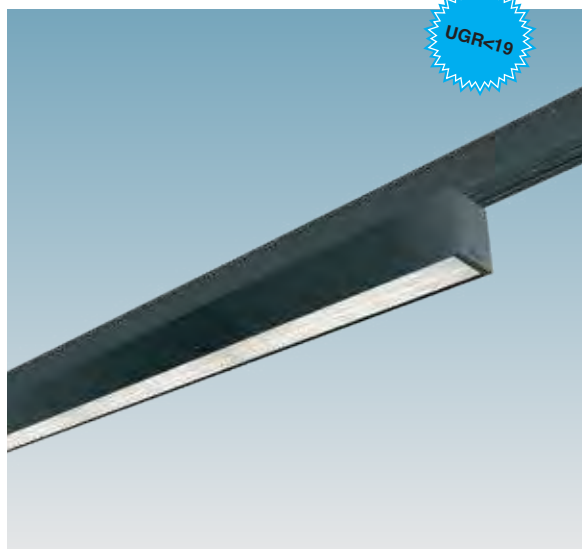


IP40 IK07



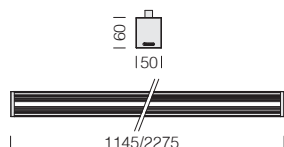
**Optics:** in polycarbonate, with very low glare coefficient, resistant to high temperature and UV radiation.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .



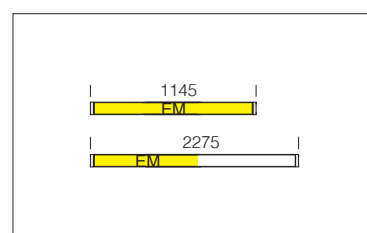
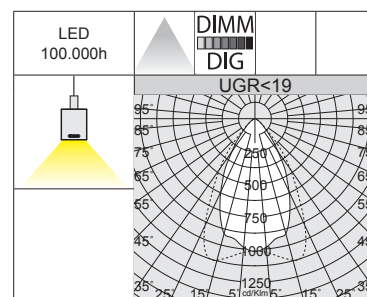
| Liset 2.0 HE - track - UGR<19                                                                                                                                                                                                                                                                                                                                                                                                                             |         |        |        |             |       |                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|--------|-------------|-------|--------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         | CLD    |        |             |       | LUMEN OUTPUT (tq= 25 °C) |
| LED                                                                                                                                                                                                                                                                                                                                                                                                                                                       | housing | L (mm) | weight | code        | W tot | K - ølm - CRI            |
| LED 2 modules                                                                                                                                                                                                                                                                                                                                                                                                                                             | white   | 1145   | 2,80   | 22303405-00 | 26    | 4000K - 3673lm - CRI>80  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                           | black   |        |        | 22303435-00 |       |                          |
| LED 2 modules                                                                                                                                                                                                                                                                                                                                                                                                                                             | white   | 1145   | 2,80   | 22303405-39 | 26    | 3000K - 3416lm - CRI>80  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                           | black   |        |        | 22303435-39 |       |                          |
| Upon request: CRI>90 (3000K-4000K)                                                                                                                                                                                                                                                                                                                                                                                                                        |         |        |        |             |       |                          |
| <ul style="list-style-type: none"><li>DIMM-DALI version with sub-code <b>-1241</b> (4000K) or <b>-3941</b> (3000K)</li><li>PUSH-DIMM version with sub-code <b>-1245</b> (4000K) or <b>-3945</b> (3000K)</li><li>1h EM version with subcode <b>-09</b> (4000K) or <b>-0928</b> (3000K) - 3h EM version with subcode <b>-31</b> (4000K) or <b>-3957</b> (3000K); KIT EM for OMINTRACK PLUS to be purchased separately (see chapter <i>Tracks</i>)</li></ul> |         |        |        |             |       |                          |

IP40 IK07



**Optics:** in polycarbonate, with very low glare coefficient, resistant to high temperature and UV radiation.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .

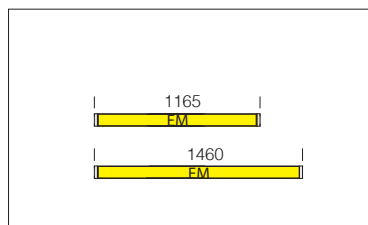
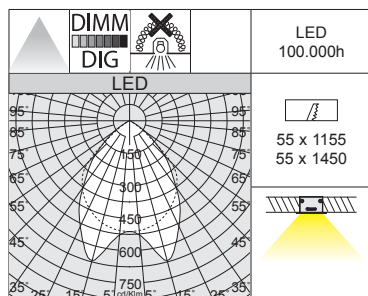


| Liset 2.0 HE - suspension - direct light - UGR<19 |         |        |        |             |                  |                          |
|---------------------------------------------------|---------|--------|--------|-------------|------------------|--------------------------|
| LED                                               | housing | L (mm) | weight | CLD         | CLD D-DIG (DALI) | LUMEN OUTPUT (tq= 25 °C) |
|                                                   |         |        |        | code        | code             |                          |
| LED 2 modules                                     | white   | 1145   | 2,70   | 22303406-00 | 22303406-1241    | 4000K - 3673lm - CRI>80  |
|                                                   | black   |        |        | 22303436-00 | 22303436-1241    |                          |
| LED 2 modules                                     | white   | 1145   | 2,70   | 22303406-39 | 22303406-3941    | 3000K - 3416lm - CRI>80  |
|                                                   | black   |        |        | 22303436-39 | 22303436-3941    |                          |
| LED 4 modules                                     | white   | 2275   | 5,30   | 22303407-00 | 22303407-1241    | 4000K - 7346lm - CRI>80  |
|                                                   | black   |        |        | 22303437-00 | 22303437-1241    |                          |
| LED 4 modules                                     | white   | 2275   | 5,30   | 22303407-39 | 22303407-3941    | 3000K - 6832lm - CRI>80  |
|                                                   | black   |        |        | 22303437-39 | 22303437-3941    |                          |

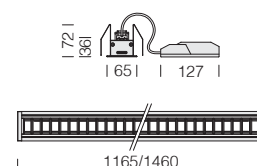
Complete with millimetre adjustment device; suspensions to be purchased separately (see accessories page).

Upon request: CRI>90 (3000K-4000K)

- version with pass-through wiring for continuous line mounting with subcode -0072
- PUSH-DIMM version with sub-code -1245 (4000K) or -3945 (3000K)
- 1h EM version with subcode -09 (4000K) or -0928 (3000K) - 3h EM version with subcode -31 (4000K) or -3957 (3000K)



v.a. IP20 IK07  
v.l. IP40 IK07



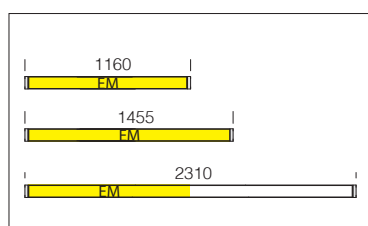
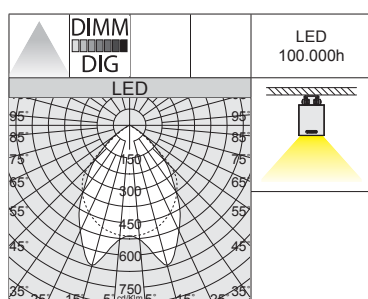
**Dark light louvre:** double parabolic louvres, in high-gloss 99.99 aluminium, anti-glare and anti-iridescence, very low luminance with PVD treatment.

### Liset 2.0 - recessed - Dark light - UGR<19

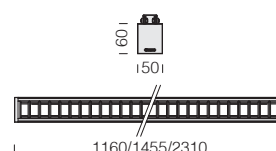
| LED           | housing | CLD    |        | CLD D-DIG (DALI) |               | W tot | LUMEN OUTPUT (tq= 25 °C) |
|---------------|---------|--------|--------|------------------|---------------|-------|--------------------------|
|               |         | L (mm) | weight | code             | code          |       | K - ølm - CRI            |
| LED 4 modules | white   | 1165   | 1,60   | 22302001-00      | 22302001-1241 | 25    | 4000K - 2700lm - CRI>80  |
| LED 5 modules |         | 1460   | 2,00   | 22302002-00      | 22302002-1241 | 30    | 4000K - 3240lm - CRI>80  |

Upon request: 3000K version with subcode **-39**. CRI>90 (3000K-4000K)

- version with black housing
- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)



IP40 IK07



**Dark light louvre:** double parabolic louvres, in high-gloss 99.99 aluminium, anti-glare and anti-iridescence, very low luminance with PVD treatment.

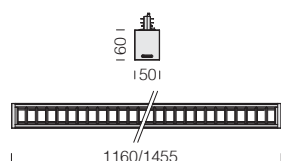
### Liset 2.0 - ceiling - Dark light - UGR<19

| LED           | housing | CLD    |        | CLD D-DIG (DALI) |               | W tot | LUMEN OUTPUT (tq= 25 °C) |
|---------------|---------|--------|--------|------------------|---------------|-------|--------------------------|
|               |         | L (mm) | weight | code             | code          |       | K - ølm - CRI            |
| LED 4 modules | white   | 1160   | 2,50   | 22302003-00      | 22302003-1241 | 25    | 4000K - 2700lm - CRI>80  |
|               | black   |        |        | 22302033-00      | 22302033-1241 |       |                          |
| LED 5 modules | white   | 1455   | 3,20   | 22302004-00      | 22302004-1241 | 30    | 4000K - 3240lm - CRI>80  |
|               | black   |        |        | 22302034-00      | 22302034-1241 |       |                          |
| LED 8 modules | white   | 2310   | 4,80   | 22302005-00      | 22302005-1241 | 44    | 4000K - 4752lm - CRI>80  |
|               | black   |        |        | 22302035-00      | 22302035-1241 |       |                          |

Upon request: 3000K version with subcode **-39**. CRI>90 (3000K-4000K)

- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)

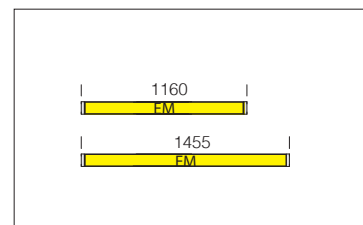
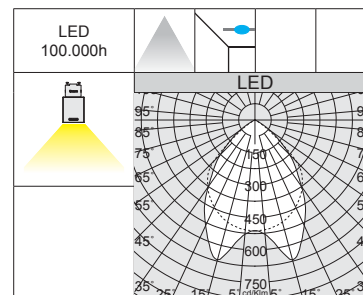
IP40 IK07



**Dark light louvre:** double parabolic louvres, in high-gloss 99.99 aluminium, anti-glare and anti-iridescence, very low luminance with PVD treatment.



UGR&lt;19



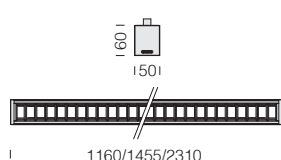
## Liset 2.0 - track - Dark light - UGR&lt;19

|               |         | CLD    |        |             | LUMEN OUTPUT (tq= 25 °C) |                         |
|---------------|---------|--------|--------|-------------|--------------------------|-------------------------|
| LED           | housing | L (mm) | weight | code        | W tot                    | K - ølm - CRI           |
| LED 4 modules | white   | 1160   | 2,60   | 22302006-00 | 25                       | 4000K - 2700lm - CRI>80 |
|               | black   |        |        | 22302036-00 |                          |                         |
| LED 5 modules | white   | 1455   | 3,30   | 22302007-00 | 30                       | 4000K - 3240lm - CRI>80 |
|               | black   |        |        | 22302037-00 |                          |                         |

Upon request: 3000K version with subcode **-39**. **CRI>90** (3000K-4000K)

- DIMM-DALI version with sub-code **-1241**
- PUSH-DIMM version with sub-code **-1245**
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K); KIT EM for OMINTRACK PLUS to be purchased separately (see chapter *Tracks*)

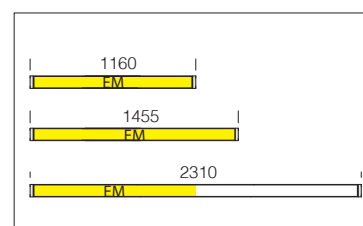
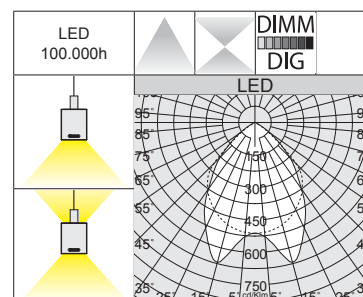
IP40 IK07



**Dark light louvre:** double parabolic louvres, in high-gloss 99.99 aluminium, anti-glare and anti-iridescence, very low luminance with PVD treatment.



UGR&lt;19



## Liset 2.0 - suspension - direct light - Dark light - UGR&lt;19

| Liset 2.0 - suspension - direct light - Dark light - UGR<19 |         |        |        |             |                  |       |                         |                          |
|-------------------------------------------------------------|---------|--------|--------|-------------|------------------|-------|-------------------------|--------------------------|
|                                                             |         | CLD    |        |             | CLD D-DIG (DALI) |       |                         | LUMEN OUTPUT (tq= 25 °C) |
| LED                                                         | housing | L (mm) | weight | code        | code             | W tot | K - ølm - CRI           |                          |
| LED 4 modules                                               | white   | 1160   | 2,40   | 22302008-00 | 22302008-1241    | 25    | 4000K - 2700lm - CRI>80 |                          |
|                                                             | black   |        |        | 22302038-00 | 22302038-1241    |       |                         |                          |
| LED 5 modules                                               | white   | 1455   | 3,20   | 22302009-00 | 22302009-1241    | 30    | 4000K - 3240lm - CRI>80 |                          |
|                                                             | black   |        |        | 22302039-00 | 22302039-1241    |       |                         |                          |
| LED 8 modules                                               | white   | 2310   | 4,50   | 22302010-00 | 22302010-1241    | 44    | 4000K - 4752lm - CRI>80 |                          |
|                                                             | black   |        |        | 22302030-00 | 22302030-1241    |       |                         |                          |

## Liset 2.0 - suspension - direct/indirect light - Dark light - UGR&lt;19

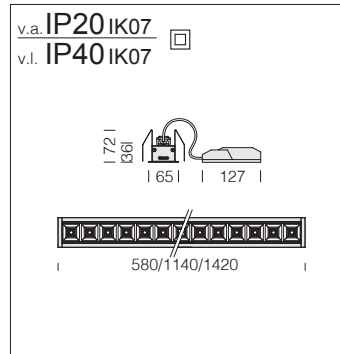
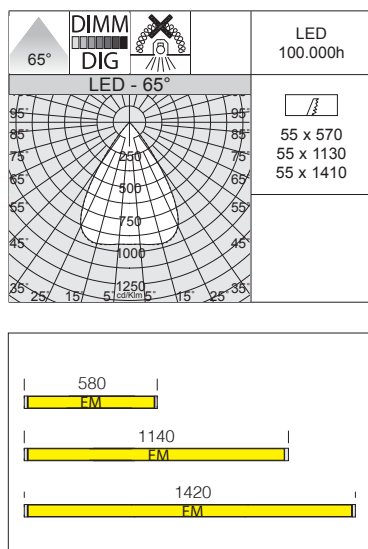
|               |         | CLD    |        |             | CLD D-DIG (DALI) |       | LUMEN OUTPUT (tq= 25 °C) |  |
|---------------|---------|--------|--------|-------------|------------------|-------|--------------------------|--|
| LED           | housing | L (mm) | weight | code        | code             | W tot | K - ølm - CRI            |  |
| LED 5 modules | white   | 1455   | 3,30   | 22302011-00 | 22302011-1241    | 38    | 4000K - 4104lm - CRI>80  |  |
|               | black   |        |        | 22302031-00 | 22302031-1241    |       |                          |  |
| LED 8 modules | white   | 2310   | 4,90   | 22302012-00 | 22302012-1241    | 73    | 4000K - 7884lm - CRI>80  |  |
|               | black   |        |        | 22302032-00 | 22302032-1241    |       |                          |  |

Complete with millimetre adjustment device; suspensions to be purchased separately (see accessories page).

Upon request: 3000K version with subcode **-39**. **CRI>90** (3000K-4000K)

- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)





**DARK comfort optics:** in metalized anti-glare polycarbonate for improved visual comfort.

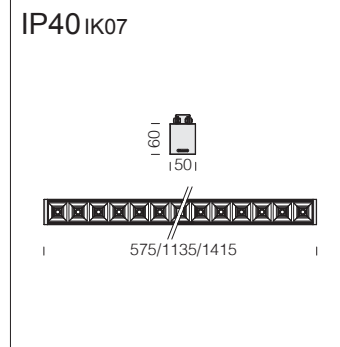
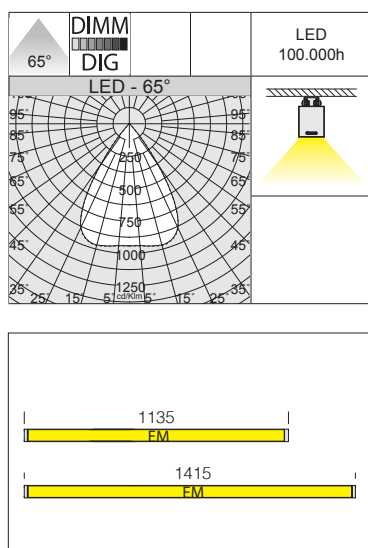
**LED:** luminous flux maintenance 80%: 100.000h (L80B10). Power factor  $\geq 0.92$ .

### Liset 2.0 - recessed - DARK comfort optics - UGR<19

| LED          | housing | CLD    |        | CLD D-DIG (DALI) |               | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|--------------|---------|--------|--------|------------------|---------------|-------|-------------------------------|
|              |         | L (mm) | weight | code             | code          |       | K - ølm - CRI - degrees       |
| LED 14 lenti | white   | 580    | 1,10   | 22303901-00      | 22303901-1241 | 18    | 4000K - 2578lm - CRI>80 - 65° |
| LED 28 lenti |         | 1140   | 2,30   | 22303902-00      | 22303902-1241 | 22    | 4000K - 3446lm - CRI>80 - 65° |
| LED 35 lenti |         | 1420   | 2,60   | 22303903-00      | 22303903-1241 | 30    | 4000K - 4804lm - CRI>80 - 65° |

Upon request: 3000K version with subcode **-39**. CRI>90 (3000K-4000K)

- version with black housing
- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)
- 76° beam version



**DARK comfort optics:** in metalized anti-glare polycarbonate for improved visual comfort.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10). Power factor  $\geq 0.92$ .

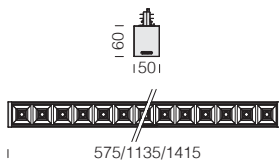
### Liset 2.0 - ceiling - DARK comfort optics - UGR<19

| LED           | housing | CLD    |        | CLD D-DIG (DALI) |               | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|---------------|---------|--------|--------|------------------|---------------|-------|-------------------------------|
|               |         | L (mm) | weight | code             | code          |       | K - ølm - CRI - degrees       |
| LED 14 lenses | white   | 575    | 1,80   | 22303904-00      | 22303904-1241 | 18    | 4000K - 2578lm - CRI>80 - 65° |
|               | black   |        |        | 22303934-00      | 22303934-1241 |       |                               |
| LED 28 lenses | white   | 1135   | 3,20   | 22303905-00      | 22303905-1241 | 22    | 4000K - 3446lm - CRI>80 - 65° |
|               | black   |        |        | 22303935-00      | 22303935-1241 |       |                               |
| LED 35 lenses | white   | 1415   | 3,70   | 22303906-00      | 22303906-1241 | 30    | 4000K - 4804lm - CRI>80 - 65° |
|               | black   |        |        | 22303936-00      | 22303936-1241 |       |                               |

Upon request: 3000K version with subcode **-39**. CRI>90 (3000K-4000K)

- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)
- 76° beam version

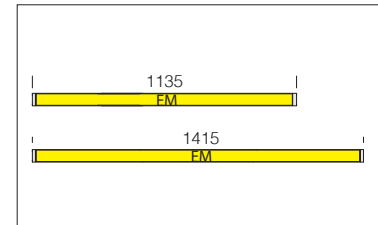
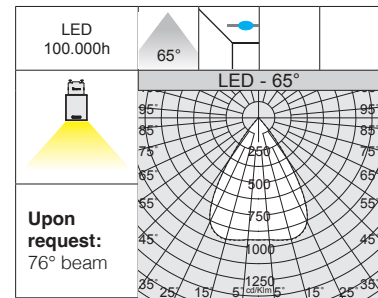
IP40 IK07



**DARK comfort optics:** in metalized anti-glare polycarbonate for improved visual comfort.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).

Power factor  $\geq 0.92$ .



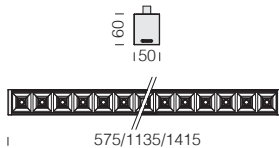
### Liset 2.0 - track - DARK comfort optics - UGR<19

| LED           | housing | CLD    |        |             | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|---------------|---------|--------|--------|-------------|-------|-------------------------------|
|               |         | L (mm) | weight | code        |       | K - ølm - CRI - degrees       |
| LED 14 lenses | white   | 575    | 1,60   | 22303907-00 | 18    | 4000K - 2578lm - CRI>80 - 65° |
|               | black   |        |        | 22303937-00 |       |                               |
| LED 28 lenses | white   | 1135   | 2,90   | 22303908-00 | 22    | 4000K - 3446lm - CRI>80 - 65° |
|               | black   |        |        | 22303938-00 |       |                               |
| LED 35 lenses | white   | 1415   | 3,60   | 22303909-00 | 30    | 4000K - 4804lm - CRI>80 - 65° |
|               | black   |        |        | 22303939-00 |       |                               |

Upon request: 3000K version with subcode **-39**. CRI>90 (3000K-4000K)

- DIMM-DALI version with sub-code **-1241** (4000K) or **-3941** (3000K)
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K); KIT EM for OMINTRACK PLUS to be purchased separately (see chapter *Tracks*)

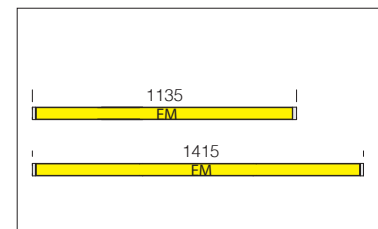
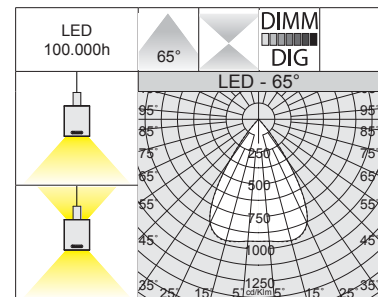
IP40 IK07



**DARK comfort optics:** in metalized anti-glare polycarbonate for improved visual comfort.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).

Power factor  $\geq 0.92$ .



### Liset 2.0 - suspension - direct light - DARK comfort optics - UGR<19

| LED           | housing | L (mm) | weight | CLD         |                  | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|---------------|---------|--------|--------|-------------|------------------|-------|-------------------------------|
|               |         |        |        | code        | CLD D-DIG (DALI) |       | K - ølm - CRI - degrees       |
| LED 14 lenses | white   | 575    | 1,60   | 22303910-00 | 22303910-1241    | 18    | 4000K - 2578lm - CRI>80 - 65° |
|               | black   |        |        | 22303930-00 | 22303930-1241    |       |                               |
| LED 28 lenses | white   | 1135   | 3,00   | 22303911-00 | 22303911-1241    | 22    | 4000K - 3446lm - CRI>80 - 65° |
|               | black   |        |        | 22303931-00 | 22303931-1241    |       |                               |
| LED 35 lenses | white   | 1415   | 4,00   | 22303912-00 | 22303912-1241    | 30    | 4000K - 4804lm - CRI>80 - 65° |
|               | black   |        |        | 22303932-00 | 22303932-1241    |       |                               |

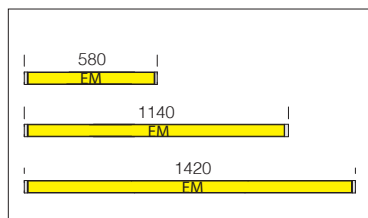
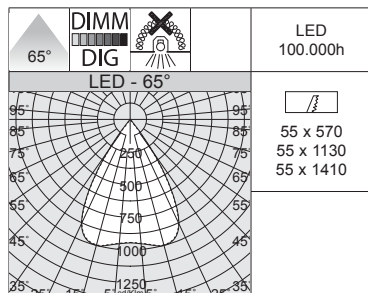
### Liset 2.0 - suspension - direct/indirect light - DARK comfort optics - UGR<19

| LED          | housing | L (mm) | weight | CLD         |                  | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|--------------|---------|--------|--------|-------------|------------------|-------|-------------------------------|
|              |         |        |        | code        | CLD D-DIG (DALI) |       | K - ølm - CRI - degrees       |
| LED 35 lenti | white   | 1415   | 4,00   | 22303913-00 | 22303913-1241    | 37    | 4000K - 5420lm - CRI>80 - 65° |
|              | black   |        |        | 22303933-00 | 22303933-1241    |       |                               |

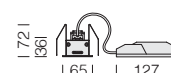
Complete with millimetre adjustment device; suspensions to be purchased separately (see accessories page).

Upon request: 3000K version with subcode **-39**. CRI>90 (3000K-4000K)

- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)
- 76° beam version



v.a. IP20 IK07  
v.l. IP40 IK07



**Comfort optics:** in white anti-glare polycarbonate for improved visual comfort (the black colour version is available upon request).

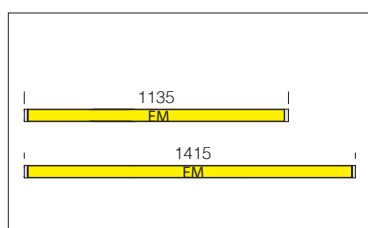
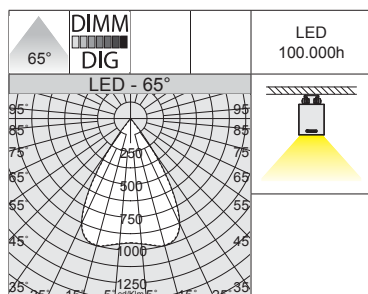
**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .

### Liset 2.0 - recessed - comfort optics - UGR<19

| LED           | housing | CLD    |        | CLD D-DIG (DALI) |               | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|---------------|---------|--------|--------|------------------|---------------|-------|-------------------------------|
|               |         | L (mm) | weight | code             | code          |       | K - ølm - CRI - degrees       |
| LED 14 lenses | white   | 580    | 1,10   | 22302101-00      | 22302101-1241 | 18    | 4000K - 2591lm - CRI>80 - 65° |
| LED 28 lenses |         | 1140   | 2,30   | 22302102-00      | 22302102-1241 | 22    | 4000K - 3463lm - CRI>80 - 65° |
| LED 35 lenses |         | 1420   | 2,60   | 22302103-00      | 22302103-1241 | 30    | 4000K - 4828lm - CRI>80 - 65° |

Upon request: 3000K version with subcode **-39**. CRI>90 (3000K-4000K)

- version with black housing
- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)
- 76° beam version



IP40 IK07



**Comfort optics:** in black anti-glare polycarbonate for improved visual comfort (the white colour version is available upon request).

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .

### Liset 2.0 - ceiling - comfort optics - UGR<19

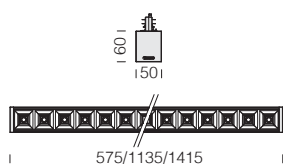
| LED           | housing | CLD    |        | CLD D-DIG (DALI) |               | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|---------------|---------|--------|--------|------------------|---------------|-------|-------------------------------|
|               |         | L (mm) | weight | code             | code          |       | K - ølm - CRI - degrees       |
| LED 14 lenses | white   | 575    | 1,80   | 22302104-00      | 22302104-1241 | 18    | 4000K - 2486lm - CRI>80 - 65° |
|               | black   |        |        | 22302134-00      | 22302134-1241 |       |                               |
| LED 14 lenses | white   | 575    | 1,80   | 22302104-39      | 22302104-3941 | 18    | 3000K - 2405lm - CRI>80 - 65° |
|               | black   |        |        | 22302134-39      | 22302134-3941 |       |                               |
| LED 28 lenses | white   | 1135   | 3,20   | 22302105-00      | 22302105-1241 | 22    | 4000K - 3250lm - CRI>80 - 65° |
|               | black   |        |        | 22302135-00      | 22302135-1241 |       |                               |
| LED 28 lenses | white   | 1135   | 3,20   | 22302105-39      | 22302105-3941 | 22    | 3000K - 3144lm - CRI>80 - 65° |
|               | black   |        |        | 22302135-39      | 22302135-3941 |       |                               |
| LED 35 lenses | white   | 1415   | 3,70   | 22302106-00      | 22302106-1241 | 30    | 4000K - 4561lm - CRI>80 - 65° |
|               | black   |        |        | 22302136-00      | 22302136-1241 |       |                               |
| LED 35 lenses | white   | 1415   | 3,70   | 22302106-39      | 22302106-3941 | 30    | 3000K - 4413lm - CRI>80 - 65° |
|               | black   |        |        | 22302136-39      | 22302136-3941 |       |                               |

Upon request: CRI>90 (3000K-4000K)

- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)
- 76° beam version

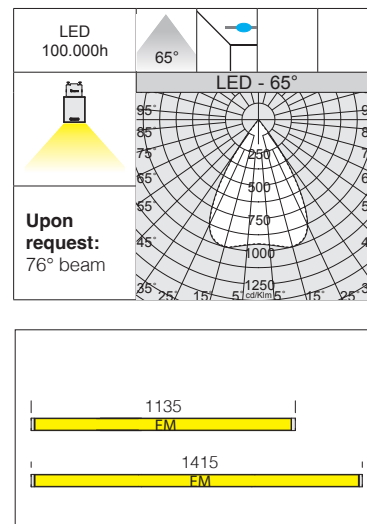


IP40 IK07



**Comfort optics:** in black anti-glare polycarbonate for improved visual comfort (the white colour version is available upon request).

**LED:** luminous flux maintenance 80%: 100.000h (L80B10). Power factor  $\geq 0.92$ .



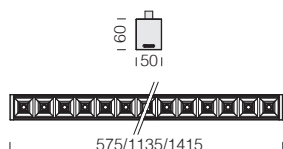
## Liset 2.0 - track - comfort optics - UGR&lt;19

| LED           | housing | L (mm) | weight | CLD         |    | W tot | LUMEN OUTPUT (tq= 25 °C)      |  |
|---------------|---------|--------|--------|-------------|----|-------|-------------------------------|--|
|               |         |        |        | code        |    |       | K - ølm - CRI - degrees       |  |
| LED 14 lenses | white   | 575    | 1,60   | 22302107-00 | 18 |       | 4000K - 2486lm - CRI>80 - 65° |  |
|               | black   |        |        | 22302137-00 |    |       |                               |  |
| LED 14 lenses | white   | 575    | 1,60   | 22302107-39 | 18 |       | 3000K - 2405lm - CRI>80 - 65° |  |
|               | black   |        |        | 22302137-39 |    |       |                               |  |
| LED 28 lenses | white   | 1135   | 2,90   | 22302108-00 | 22 |       | 4000K - 3250lm - CRI>80 - 65° |  |
|               | black   |        |        | 22302138-00 |    |       |                               |  |
| LED 28 lenses | white   | 1135   | 2,90   | 22302108-39 | 22 |       | 3000K - 3144lm - CRI>80 - 65° |  |
|               | black   |        |        | 22302138-39 |    |       |                               |  |
| LED 35 lenses | white   | 1415   | 3,60   | 22302109-00 | 30 |       | 4000K - 4561lm - CRI>80 - 65° |  |
|               | black   |        |        | 22302139-00 |    |       |                               |  |
| LED 35 lenses | white   | 1415   | 3,60   | 22302109-39 | 30 |       | 3000K - 4413lm - CRI>80 - 65° |  |
|               | black   |        |        | 22302139-39 |    |       |                               |  |

Upon request: CRI>90 (3000K-4000K)

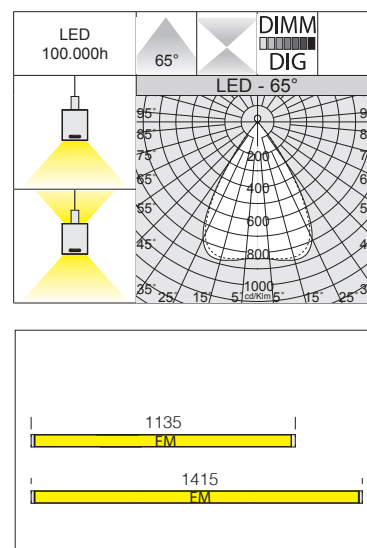
- DIMM-DALI version with sub-code -1241 (4000K) or -3941 (3000K)
- PUSH-DIMM version with sub-code -1245 (4000K) or -3945 (3000K)
- 1h EM version with subcode -09 (4000K) or -0928 (3000K) - 3h EM version with subcode -31 (4000K) or -3957 (3000K); KIT EM for OMINTRACK PLUS to be purchased separately (see chapter Tracks)

IP40 IK07



**Comfort optics:** in black anti-glare polycarbonate for improved visual comfort (the white colour version is available upon request).

**LED:** luminous flux maintenance 80%: 100.000h (L80B10). Power factor  $\geq 0.92$ .



## Liset 2.0 - suspension - direct light - comfort optics - UGR&lt;19

| LED           | housing | L (mm) | weight | CLD         |                       | W tot | LUMEN OUTPUT (tq= 25 °C)      |  |
|---------------|---------|--------|--------|-------------|-----------------------|-------|-------------------------------|--|
|               |         |        |        | code        | CLD D-DIG (DALI) code |       | K - ølm - CRI - degrees       |  |
| LED 14 lenses | white   | 575    | 1,70   | 22302110-00 | 22302110-1241         | 18    | 4000K - 2486lm - CRI>80 - 65° |  |
|               | black   |        |        | 22302130-00 | 22302130-1241         |       |                               |  |
| LED 28 lenses | white   | 1135   | 3,00   | 22302111-00 | 22302111-1241         | 22    | 4000K - 3250lm - CRI>80 - 65° |  |
|               | black   |        |        | 22302131-00 | 22302131-1241         |       |                               |  |
| LED 35 lenses | white   | 1415   | 4,00   | 22302112-00 | 22302112-1241         | 30    | 4000K - 4561lm - CRI>80 - 65° |  |
|               | black   |        |        | 22302132-00 | 22302132-1241         |       |                               |  |

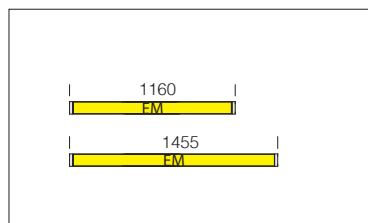
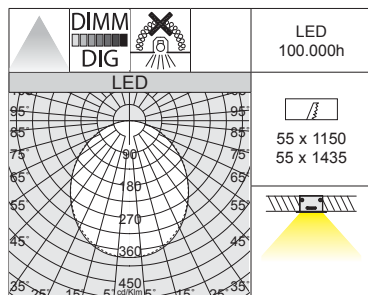
## Liset 2.0 - suspension - direct/indirect light - comfort optics - UGR&lt;19

| LED           | housing | L (mm) | weight | CLD         |                       | W tot | LUMEN OUTPUT (tq= 25 °C) |  |
|---------------|---------|--------|--------|-------------|-----------------------|-------|--------------------------|--|
|               |         |        |        | code        | CLD D-DIG (DALI) code |       | K - ølm - CRI            |  |
| LED 35 lenses | white   | 1415   | 4,00   | 22302113-00 | 22302113-1241         | 37    | 4000K - 5177lm - CRI>80  |  |
|               | black   |        |        | 22302133-00 | 22302133-1241         |       |                          |  |

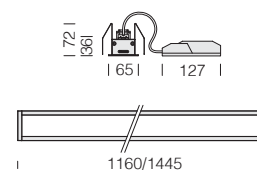
Complete with millimetre adjustment device; suspensions to be purchased separately (see accessories page).

Upon request: 3000K version with subcode -39. CRI>90 (3000K-4000K)

- version with pass-through wiring for continuous line mounting with subcode -0072
- PUSH-DIMM version with sub-code -1245 (4000K) or -3945 (3000K)
- 1h EM version with subcode -09 (4000K) or -0928 (3000K) - 3h EM version with subcode -31 (4000K) or -3957 (3000K)
- 76° beam version



v.a. IP20 IK07  
v.l. IP40 IK07



**Diffuser:** in polycarbonate.

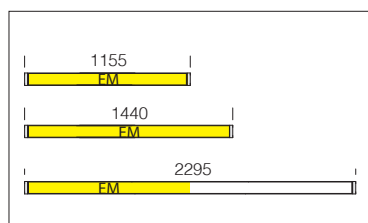
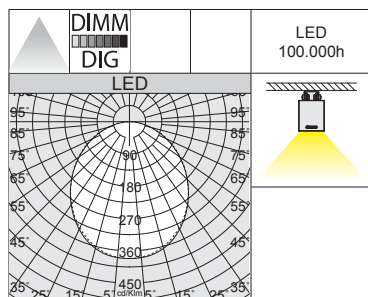
**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .

### Liset 2.0 - recessed - with polycarbonate diffuser

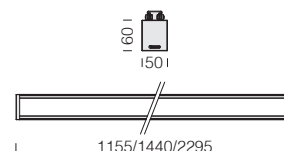
| LED           | housing | L (mm) | weight | CLD         | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C) |
|---------------|---------|--------|--------|-------------|------------------|-------|--------------------------|
|               |         |        |        | code        | code             |       | K - $\phi$ lm - CRI      |
| LED 4 modules | white   | 1160   | 1,60   | 22302201-00 | 22302201-1241    | 28    | 4000K - 2783lm - CRI>80  |
|               |         |        |        | 22302201-39 | 22302201-3941    |       | 3000K - 2588lm - CRI>80  |
| LED 5 modules | white   | 1445   | 2,00   | 22302202-00 | 22302202-1241    | 35    | 4000K - 3479lm - CRI>80  |
|               |         |        |        | 22302202-39 | 22302202-3941    |       | 3000K - 3236lm - CRI>80  |

Upon request: CRI>90 (3000K - 4000K)

- version with black housing
- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)



IP40 IK07



**Diffuser:** in polycarbonate.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .

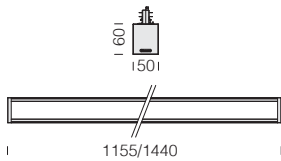
### Liset 2.0 - ceiling - with polycarbonate diffuser

| LED           | housing | L (mm) | weight | CLD         | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C) |
|---------------|---------|--------|--------|-------------|------------------|-------|--------------------------|
|               |         |        |        | code        | code             |       | K - $\phi$ lm - CRI      |
| LED 4 modules | white   | 1155   | 2,30   | 22302203-00 | 22302203-1241    | 28    | 4000K - 2783lm - CRI>80  |
|               | black   |        |        | 22302233-00 | 22302233-1241    |       |                          |
| LED 4 modules | white   | 1155   | 2,30   | 22302203-39 | 22302203-3941    | 28    | 3000K - 2588lm - CRI>80  |
|               | black   |        |        | 22302233-39 | 22302233-3941    |       |                          |
| LED 5 modules | white   | 1440   | 3,10   | 22302204-00 | 22302204-1241    | 35    | 4000K - 3479lm - CRI>80  |
|               | black   |        |        | 22302234-00 | 22302234-1241    |       |                          |
| LED 5 modules | white   | 1440   | 3,10   | 22302204-39 | 22302204-3941    | 35    | 3000K - 3236lm - CRI>80  |
|               | black   |        |        | 22302234-39 | 22302234-3941    |       |                          |
| LED 8 modules | white   | 2295   | 4,80   | 22302205-00 | 22302205-1241    | 55    | 4000K - 5566lm - CRI>80  |
|               | black   |        |        | 22302235-00 | 22302235-1241    |       |                          |
| LED 8 modules | white   | 2295   | 4,80   | 22302205-39 | 22302205-3941    | 55    | 3000K - 5177lm - CRI>80  |
|               | black   |        |        | 22302235-39 | 22302235-3941    |       |                          |

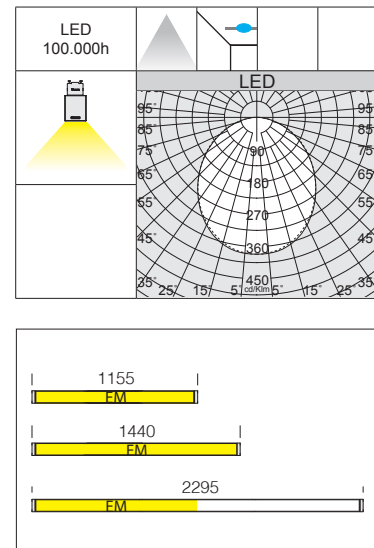
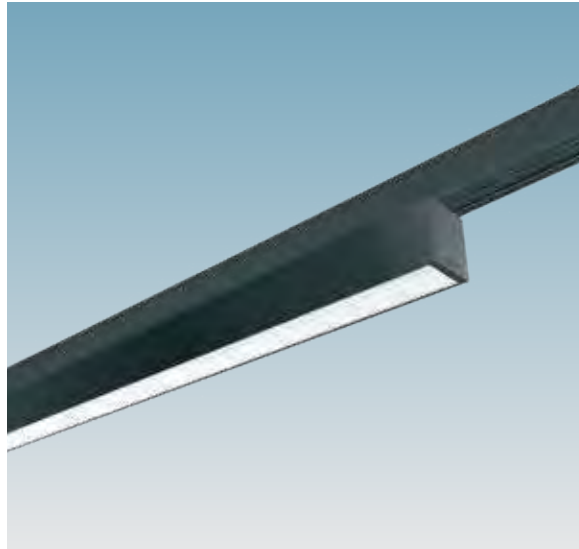
Upon request: CRI>90 (3000K - 4000K)

- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)

IP40 IK07

**Diffuser:** in polycarbonate.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .

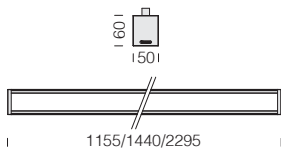
**Liset 2.0 - track - with polycarbonate diffuser**

|               |         | CLD    |        | code        | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI |
|---------------|---------|--------|--------|-------------|-------|-------------------------------------------|
| LED           | housing | L (mm) | weight |             |       |                                           |
| LED 4 modules | white   | 1155   | 2,50   | 22302206-00 | 28    | 4000K - 2783lm - CRI>80                   |
|               | black   |        |        | 22302236-00 |       |                                           |
| LED 4 modules | white   | 1155   | 2,50   | 22302206-39 | 28    | 3000K - 2588lm - CRI>80                   |
|               | black   |        |        | 22302236-39 |       |                                           |
| LED 5 modules | white   | 1440   | 3,20   | 22302207-00 | 35    | 4000K - 3479lm - CRI>80                   |
|               | black   |        |        | 22302237-00 |       |                                           |
| LED 5 modules | white   | 1440   | 3,20   | 22302207-39 | 35    | 3000K - 3236lm - CRI>80                   |
|               | black   |        |        | 22302237-39 |       |                                           |

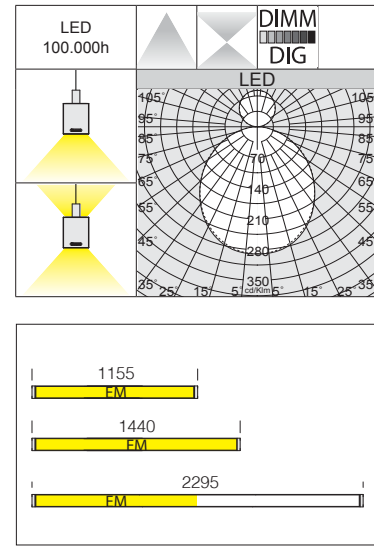
Upon request: CRI&gt;90 (3000K - 4000K)

- DIMM-DALI version with sub-code **-1241** (4000K) or **-3941** (3000K)
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K); KIT EM for OMINTRACK PLUS to be purchased separately (see chapter *Tracks*)

IP40 IK07

**Diffuser:** in polycarbonate.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .

**Liset 2.0 - suspension - direct light - with polycarbonate diffuser**

|               |         | CLD    |        | code        | CLD D-DIG (DALI)<br>code | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI |
|---------------|---------|--------|--------|-------------|--------------------------|-------|-------------------------------------------|
| LED           | housing | L (mm) | weight |             |                          |       |                                           |
| LED 4 modules | white   | 1155   | 2,50   | 22302208-00 | 22302208-1241            | 28    | 4000K - 2783lm - CRI>80                   |
|               | black   |        |        | 22302238-00 | 22302238-1241            |       |                                           |
| LED 5 modules | white   | 1440   | 3,10   | 22302209-00 | 22302209-1241            | 35    | 4000K - 3479lm - CRI>80                   |
|               | black   |        |        | 22302239-00 | 22302239-1241            |       |                                           |
| LED 8 modules | white   | 2295   | 4,70   | 22302210-00 | 22302210-1241            | 55    | 4000K - 5566lm - CRI>80                   |
|               | black   |        |        | 22302230-00 | 22302230-1241            |       |                                           |

**Liset 2.0 - suspension - direct/indirect light - with polycarbonate diffuser**

|               |         | CLD    |        | code        | CLD D-DIG (DALI)<br>code | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI |
|---------------|---------|--------|--------|-------------|--------------------------|-------|-------------------------------------------|
| LED           | housing | L (mm) | weight |             |                          |       |                                           |
| LED 5 modules | white   | 1440   | 4,70   | 22302211-00 | 22302211-1241            | 42    | 4000K - 4175lm - CRI>80                   |
|               | black   |        |        | 22302231-00 | 22302231-1241            |       |                                           |
| LED 8 modules | white   | 2295   | 5,10   | 22302212-00 | 22302212-1241            | 72    | 4000K - 7328lm - CRI>80                   |
|               | black   |        |        | 22302232-00 | 22302232-1241            |       |                                           |

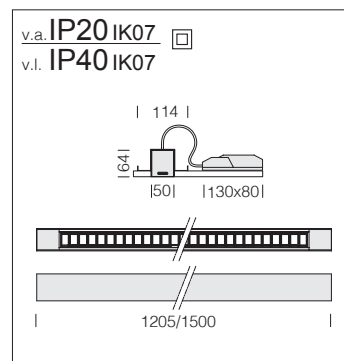
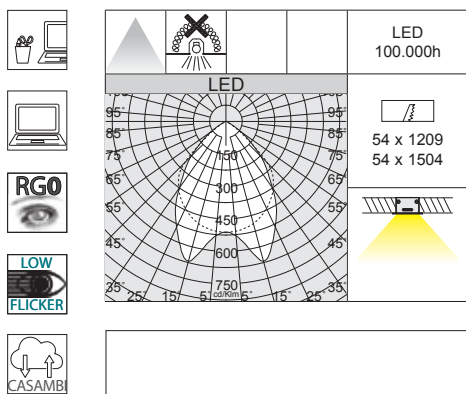
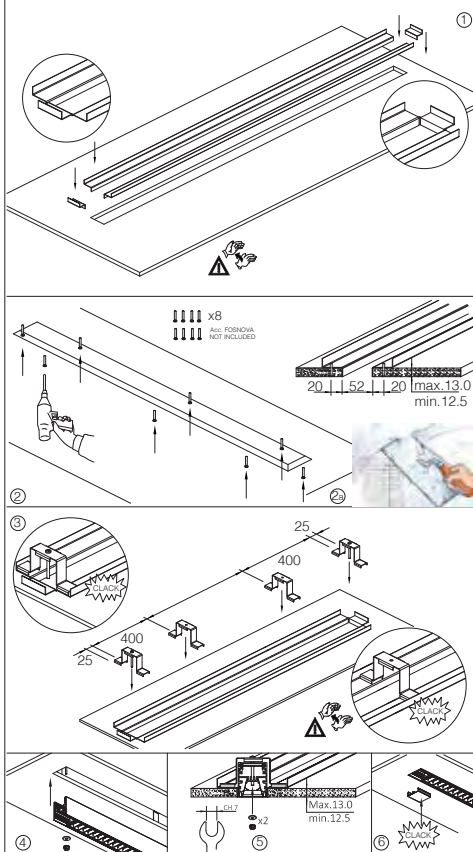
Complete with millimetre adjustment device; suspensions to be purchased separately (see accessories page).

Upon request: 3000K version with subcode **-39**. CRI>90 (3000K-4000K)

- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)



**Equipment:** equipped with galvanised steel support brackets which guarantee perfect attachment to suspended ceiling from 12,5 mm to 13 mm thick.



**Dark light louvre:** double parabolic louvres, in high-gloss 99.99 aluminium, anti-glare and anti-iridescence, very low luminance with PVD treatment.

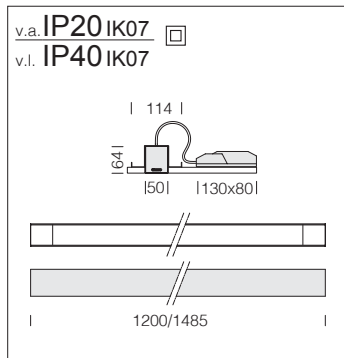
**LED:** luminous flux maintenance 80%: 100.000h (L80B10)  
Power factor  $\geq 0.92$ .

#### Liset 2.0 Trimless - Dark light - UGR<19

| LED           | housing | L (mm) | weight | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C) |
|---------------|---------|--------|--------|-------------|-------|--------------------------|
|               |         |        |        | code        |       | K - $\phi$ lm - CRI      |
| LED 4 modules | white   | 1205   | 2,60   | 22308015-00 | 25    | 4000K - 2700lm - CRI>80  |
|               | black   |        |        | 22308035-00 |       |                          |
| LED 5 modules | white   | 1500   | 3,00   | 22308016-00 | 30    | 4000K - 3240lm - CRI>80  |
|               | black   |        |        | 22308036-00 |       |                          |

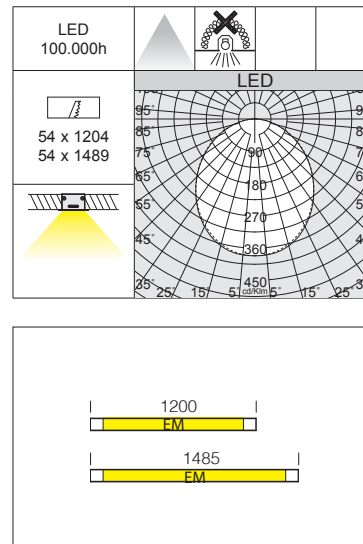
Upon request: 3000K version with subcode **-39**. CRI>90 (3000K-4000K)

- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)

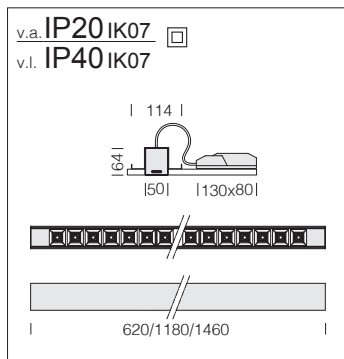


**Diffuser:** in polycarbonate.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10)  
Power factor  $\geq 0.92$ .



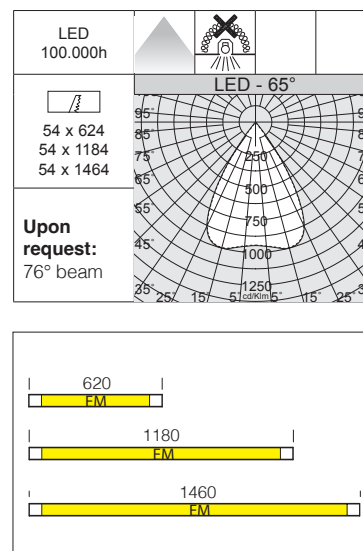
| Liset 2.0 Trimless - with polycarbonate diffuser                                                                    |         |        |        |             |       |                          |
|---------------------------------------------------------------------------------------------------------------------|---------|--------|--------|-------------|-------|--------------------------|
|                                                                                                                     |         | CLD    |        |             |       | LUMEN OUTPUT (tq= 25 °C) |
| LED                                                                                                                 | housing | L (mm) | weight | code        | W tot | K - ølm - CRI            |
| LED 4 modules                                                                                                       | white   | 1200   | 2,50   | 22308010-00 | 28    | 4000K - 2783lm - CRI>80  |
|                                                                                                                     | black   |        |        | 22308030-00 |       |                          |
| LED 4 modules                                                                                                       | white   | 1200   | 2,50   | 22308010-39 | 28    | 3000K - 2588lm - CRI>80  |
|                                                                                                                     | black   |        |        | 22308030-39 |       |                          |
| LED 5 modules                                                                                                       | white   | 1485   | 2,90   | 22308011-00 | 35    | 4000K - 3479lm - CRI>80  |
|                                                                                                                     | black   |        |        | 22308031-00 |       |                          |
| LED 5 modules                                                                                                       | white   | 1485   | 2,90   | 22308011-39 | 35    | 3000K - 3236lm - CRI>80  |
|                                                                                                                     | black   |        |        | 22308031-39 |       |                          |
| Upon request: CRI>90 (3000K-4000K)                                                                                  |         |        |        |             |       |                          |
| • PUSH-DIMM version with sub-code -1245 (4000K) or -3945 (3000K)                                                    |         |        |        |             |       |                          |
| • 1h EM version with subcode -09 (4000K) or -0928 (3000K) - 3h EM version with subcode -31 (4000K) or -3957 (3000K) |         |        |        |             |       |                          |



**Comfort optics:** in white anti-glare polycarbonate for improved visual comfort (the black colour version is available upon request).

**DARK comfort optics:** in metalized anti-glare polycarbonate for improved visual comfort.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10)  
Power factor  $\geq 0.92$ .

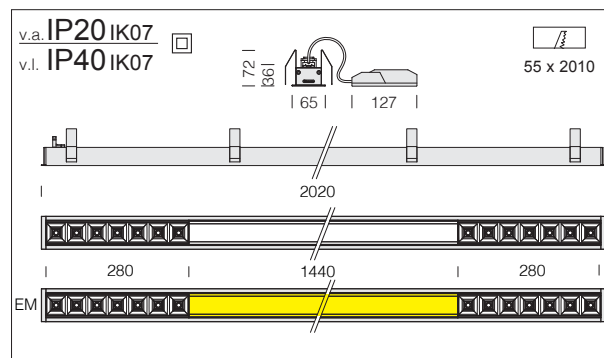


| Liset 2.0 Trimless - comfort optics - UGR<19 - (1) |         |        |        |             |       |                               |
|----------------------------------------------------|---------|--------|--------|-------------|-------|-------------------------------|
| LED                                                | housing | L (mm) | weight | code        | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|                                                    |         |        |        |             |       | K - ølm - CRI - degrees       |
| LED 14 lenses                                      | white   | 620    | 2,10   | 22308012-00 | 18    | 4000K - 2591lm - CRI>80 - 65° |
| LED 28 lenses                                      | white   | 1180   | 4,00   | 22308013-00 | 22    | 4000K - 3463lm - CRI>80 - 65° |
| LED 35 lenses                                      | white   | 1460   | 4,40   | 22308014-00 | 30    | 4000K - 4828lm - CRI>80 - 65° |

| Liset 2.0 Trimless - DARK comfort optics - UGR<19 - (2)                                                             |         |        |        |             |       |                               |
|---------------------------------------------------------------------------------------------------------------------|---------|--------|--------|-------------|-------|-------------------------------|
| LED                                                                                                                 | housing | L (mm) | weight | code        | W tot | LUMEN USCENTI (tq= 25 °C)     |
|                                                                                                                     |         |        |        |             |       | K - ølm - CRI - degrees       |
| LED 14 lenses                                                                                                       | white   | 620    | 2,10   | 22308017-00 | 18    | 4000K - 2578lm - CRI>80 - 65° |
| LED 28 lenses                                                                                                       | white   | 1180   | 4,00   | 22308018-00 | 22    | 4000K - 3446lm - CRI>80 - 65° |
| LED 35 lenses                                                                                                       | white   | 1460   | 4,40   | 22308019-00 | 30    | 4000K - 4804lm - CRI>80 - 65° |
| Upon request: 3000K version with subcode -39. CRI>90 (3000K-4000K)                                                  |         |        |        |             |       |                               |
| • version with black housing                                                                                        |         |        |        |             |       |                               |
| • PUSH-DIMM version with sub-code -1245 (4000K) or -3945 (3000K)                                                    |         |        |        |             |       |                               |
| • 1h EM version with subcode -09 (4000K) or -0928 (3000K) - 3h EM version with subcode -31 (4000K) or -3957 (3000K) |         |        |        |             |       |                               |
| • 76° beam version                                                                                                  |         |        |        |             |       |                               |



**Upon request:** special versions with other spotlights of the Matrix Q series  
**CRI>90** - 3000K or 4000K



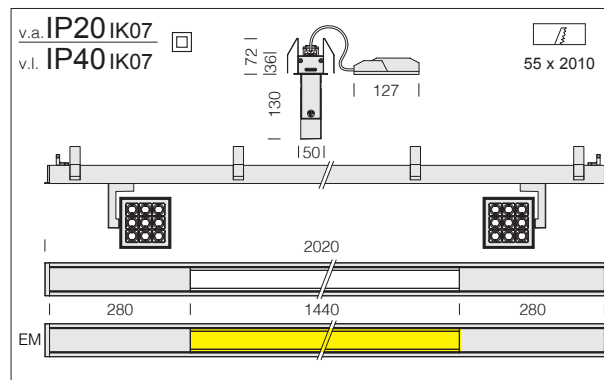
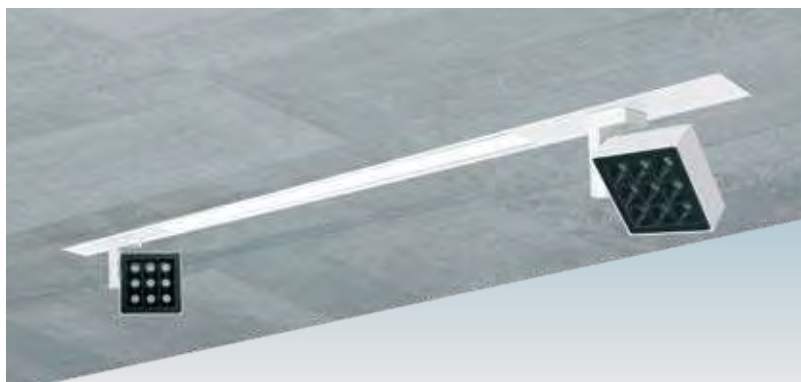
### Liset 2.0 - A+2M - recessed

| LED | housing | CLD    |        | CLD D-DIG (DALI) |               | W tot | LUMEN OUTPUT (tq= 25 °C)                                   |  |
|-----|---------|--------|--------|------------------|---------------|-------|------------------------------------------------------------|--|
|     |         | L (mm) | weight | code             | code          |       | K - ølm - CRI - degrees                                    |  |
| LED | white   | 2020   | 3,00   | 22302301-00      | 22302301-1241 | 53    | 4000K - 3479lm - CRI>80<br>4000K - 2x1295lm - CRI>80 - 65° |  |

**Standard composition:** Liset 2.0 with diffuser + 2 modules with 65° white comfort optics (upon request with 76° beam angle). Standard version includes double switching.

**Upon request:** 3000K version with subcode **-39**. **CRI>90** (3000K-4000K)

- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)



### Liset 2.0 - A+2S - recessed

| LED | housing | CLD    |        | CLD D-DIG (DALI) |               | W tot | LUMEN OUTPUT (tq= 25 °C)                                   |  |
|-----|---------|--------|--------|------------------|---------------|-------|------------------------------------------------------------|--|
|     |         | L (mm) | weight | code             | code          |       | K - ølm - CRI - degrees                                    |  |
| LED | white   | 2020   | 3,90   | 22302302-00      | 22302302-1241 | 101   | 4000K - 3479lm - CRI>80<br>4000K - 2x2220lm - CRI>80 - 32° |  |

**Standard composition:** Liset 2.0 with diffuser + 2 modules with 32° spotlight (upon request with 50° beam angles). Standard version includes double switching.

**Upon request:** 3000K version with subcode **-39**. **CRI>90** (3000K-4000K)

- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)





18°



22°

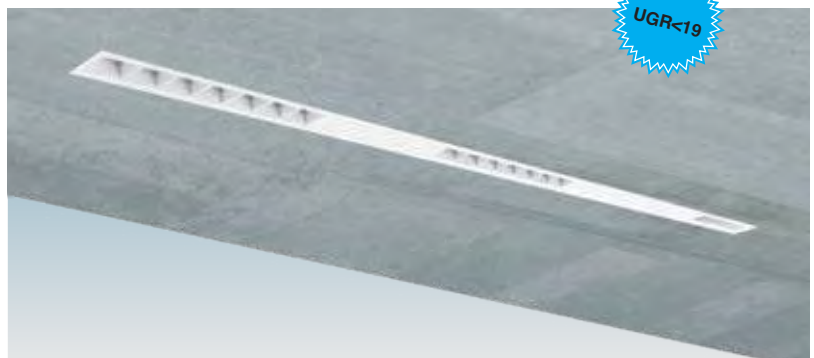
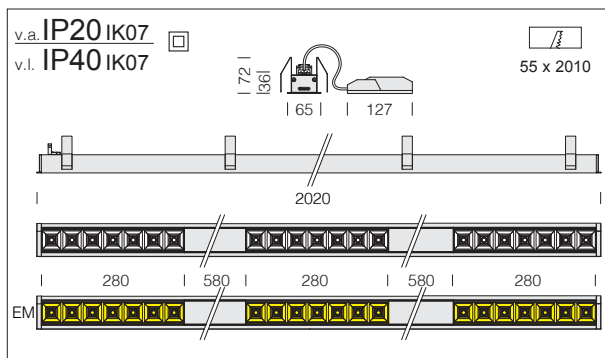


16°



24°-32°

Upon request: special versions with  
other spotlights of the Matrix Q series  
**CRI>90** - 3000K or 4000K



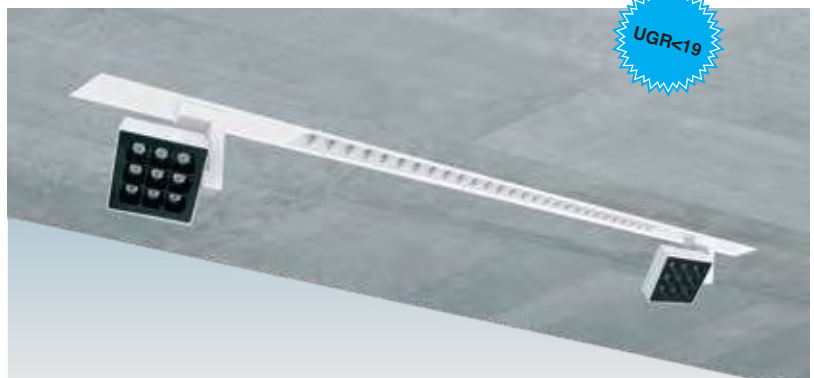
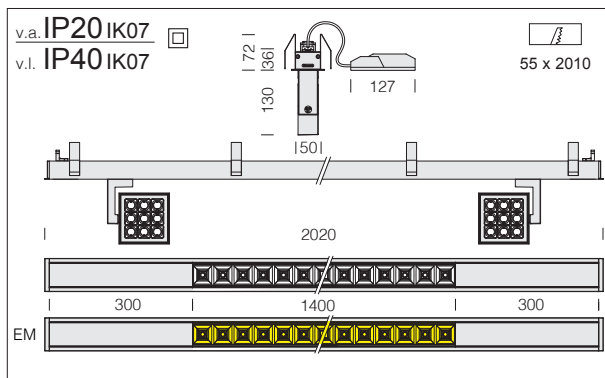
### Liset 2.0 - A+H+3M - recessed - UGR<19

| LED | housing | CLD    |        | CLD D-DIG (DALI) |               | W tot | LUMEN OUTPUT (tq= 25 °C)        |  |
|-----|---------|--------|--------|------------------|---------------|-------|---------------------------------|--|
|     |         | L (mm) | weight | code             | code          |       | K - ølm - CRI - degrees         |  |
| LED | white   | 2020   | 3,10   | 22302303-00      | 22302303-1241 | 27    | 4000K - 3x1295lm - CRI>80 - 65° |  |

**Standard composition:** 3 modules with 65° white comfort optics (upon request with 76° beam angle).

**Upon request:** 3000K version with subcode **-39**. **CRI>90** (3000K-4000K)

- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)
- with RADAR SENSOR: sub-code **-19**



### Liset 2.0 - A+M+2S - recessed - UGR<19

| LED | housing | CLD    |        | CLD D-DIG (DALI) |               | W tot | LUMEN OUTPUT (tq= 25 °C)                                         |  |
|-----|---------|--------|--------|------------------|---------------|-------|------------------------------------------------------------------|--|
|     |         | L (mm) | weight | code             | code          |       | K - ølm - CRI - degrees                                          |  |
| LED | white   | 2020   | 4,80   | 22302304-00      | 22302304-1241 | 96    | 4000K - 4828lm - CRI>80 - 65°<br>4000K - 2x2220lm - CRI>80 - 32° |  |

**Standard composition:** Liset 2.0 with 65° white comfort optics + 2 modules with 32° spotlight (upon request with 76° comfort optics + 50° spotlights).

Standard version includes double switching.

**Upon request:** 3000K version with subcode **-39**. **CRI>90** (3000K-4000K)

- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)



**Upon request:** special versions with other spotlights of the Matrix Q series  
**CRI>90** - 3000K or 4000K



18°



22°



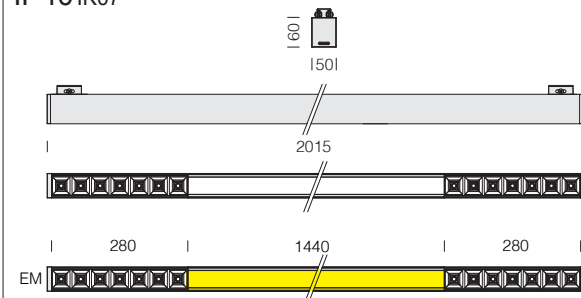
16°



24°-32°



IP40 IK07



### Liset 2.0 - B+2M - ceiling

|     |         | CLD    |        |             | CLD D-DIG (DALI) |       |                                                            | LUMEN OUTPUT (tq= 25 °C) |
|-----|---------|--------|--------|-------------|------------------|-------|------------------------------------------------------------|--------------------------|
| LED | housing | L (mm) | weight | code        | code             | W tot | K - ølm - CRI - degrees                                    |                          |
| LED | white   | 2015   | 4,80   | 22302410-00 | 22302410-1241    | 53    | 4000K - 3479lm - CRI>80<br>4000K - 2x1243lm - CRI>80 - 65° |                          |
| LED | black   | 2015   | 4,80   | 22302430-00 | 22302430-1241    | 53    | 4000K - 3479lm - CRI>80<br>4000K - 2x1243lm - CRI>80 - 65° |                          |

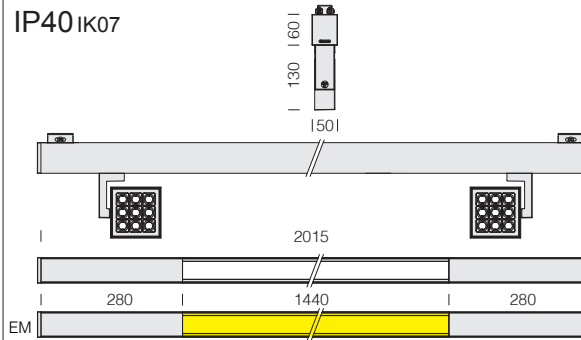
**Standard composition:** Liset 2.0 with diffuser + 2 modules with 65° black comfort optics (upon request with 76° beam angle). Standard version includes double switching.

**Upon request:** 3000K version with subcode **-39**. **CRI>90** (3000K-4000K)

- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)



IP40 IK07



### Liset 2.0 - B+2S - ceiling

|     |         | CLD    |        |             | CLD D-DIG (DALI) |       |                                                            | LUMEN OUTPUT (tq= 25 °C) |
|-----|---------|--------|--------|-------------|------------------|-------|------------------------------------------------------------|--------------------------|
| LED | housing | L (mm) | weight | code        | code             | W tot | K - ølm - CRI - degrees                                    |                          |
| LED | white   | 2015   | 4,80   | 22302411-00 | 22302411-1241    | 101   | 4000K - 3479lm - CRI>80<br>4000K - 2x2220lm - CRI>80 - 32° |                          |
| LED | black   | 2015   | 4,80   | 22302431-00 | 22302431-1241    | 101   | 4000K - 3479lm - CRI>80<br>4000K - 2x2220lm - CRI>80 - 32° |                          |

**Standard composition:** Liset 2.0 with diffuser + 2 modules with 32° spotlight (upon request with 50° beam angles). Standard version includes double switching.

**Upon request:** 3000K version with subcode **-39**. **CRI>90** (3000K-4000K)

- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)



18°



22°



16°



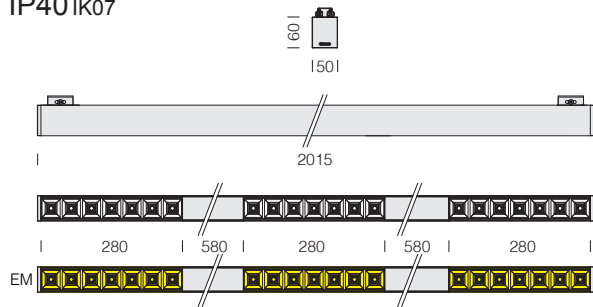
24°-32°



**Upon request:** special versions with other spotlights of the Matrix Q series  
**CRI>90** - 3000K or 4000K



IP40 IK07



UGR&lt;19

## Liset 2.0 - B+H+3M - ceiling - UGR&lt;19

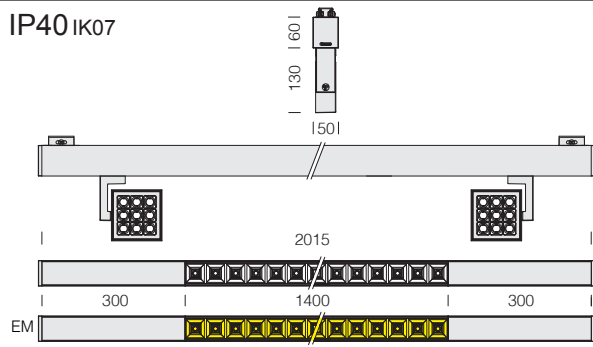
|     |         | CLD    |        |             | CLD D-DIG (DALI) |  |       | LUMEN OUTPUT (tq= 25 °C)        |
|-----|---------|--------|--------|-------------|------------------|--|-------|---------------------------------|
| LED | housing | L (mm) | weight | code        | code             |  | W tot | K - ølm - CRI - degrees         |
| LED | white   | 2015   | 4,90   | 22302412-00 | 22302412-1241    |  | 27    | 4000K - 3x1243lm - CRI>80 - 65° |
|     | black   |        |        | 22302432-00 | 22302432-1241    |  |       |                                 |

**Standard composition:** 3 modules with 65° black comfort optics (upon request with 76° beam angle).

**Upon request:** 3000K version with subcode **-39**. **CRI>90** (3000K-4000K)

- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)
- with RADAR SENSOR: sub-code **-19**

IP40 IK07



UGR&lt;19

## Liset 2.0 - B+M+2S - ceiling - UGR&lt;19

|     |         | CLD    |        |             | CLD D-DIG (DALI) |       |                                                                  | LUMEN OUTPUT (tq= 25 °C) |  |
|-----|---------|--------|--------|-------------|------------------|-------|------------------------------------------------------------------|--------------------------|--|
| LED | housing | L (mm) | weight | code        | code             | W tot | K - ølm - CRI - degrees                                          |                          |  |
| LED | white   | 2015   | 8,10   | 22302413-00 | 22302413-1241    | 96    | 4000K - 4561lm - CRI>80 - 65°<br>4000K - 2x2220lm - CRI>80 - 32° |                          |  |
| LED | black   | 2015   | 8,10   | 22302433-00 | 22302433-1241    | 96    | 4000K - 4561lm - CRI>80 - 65°<br>4000K - 2x2220lm - CRI>80 - 32° |                          |  |

**Standard composition:** Liset 2.0 with 65° black comfort optics + 2 modules with 32° spotlight (upon request with 76° comfort optics + 50° spotlights).  
 Standard version includes double switching.

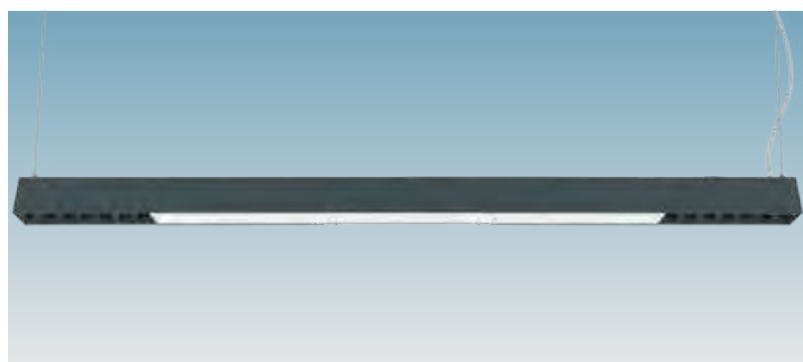
**Upon request:** 3000K version with subcode **-39**. **CRI>90** (3000K-4000K)

- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)

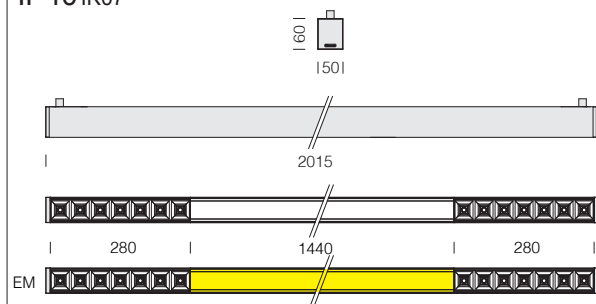




**Upon request:** special versions with other spotlights of the Matrix Q series  
**CRI>90** - 3000K or 4000K



IP40 IK07



### Liset 2.0 - C+2M - suspension

|     |         | CLD    |        |             | CLD D-DIG (DALI) |  |       | LUMEN OUTPUT (tq= 25 °C)                                   |
|-----|---------|--------|--------|-------------|------------------|--|-------|------------------------------------------------------------|
| LED | housing | L (mm) | weight | code        | code             |  | W tot | K - ølm - CRI - degrees                                    |
| LED | white   | 2015   | 4,70   | 22302510-00 | 22302510-1241    |  | 53    | 4000K - 3479lm - CRI>80<br>4000K - 2x1243lm - CRI>80 - 65° |
| LED | black   | 2015   | 4,70   | 22302530-00 | 22302530-1241    |  | 53    | 4000K - 3479lm - CRI>80<br>4000K - 2x1243lm - CRI>80 - 65° |

Complete with millimetre adjustment device; suspensions o be purchased separately (see accessories page).

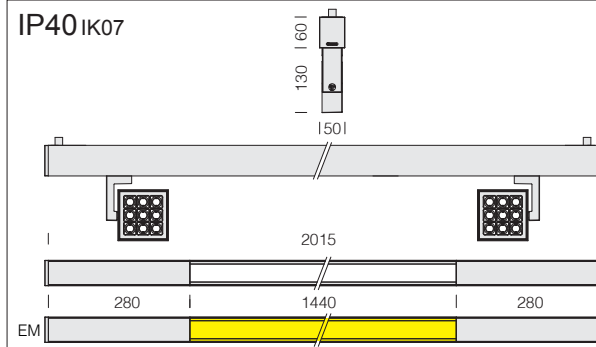
**Standard composition:** Liset 2.0 with diffuser + 2 modules with 65° black comfort optics (upon request with 76° beam angle). Standard version includes double switching.

**Upon request:** 3000K version with subcode **-39**. **CRI>90** (3000K-4000K)

- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)



IP40 IK07



### Liset 2.0 - C+2S - suspension

|     |         | CLD    |        |             | CLD D-DIG (DALI) |  |       | LUMEN OUTPUT (tq= 25 °C)                                   |                                 |
|-----|---------|--------|--------|-------------|------------------|--|-------|------------------------------------------------------------|---------------------------------|
| LED | housing | L (mm) | weight | code        | code             |  | W tot | K - ølm - CRI - degrees                                    |                                 |
| LED | white   | 2015   | 5,00   | 22302511-00 | 22302511-1241    |  | 101   | 4000K - 3479lm - CRI>80<br>4000K - 2x2220lm - CRI>80 - 32° | 4000K - 2x2220lm - CRI>80 - 32° |
| LED | black   | 2015   | 5,00   | 22302531-00 | 22302531-1241    |  | 101   | 4000K - 3479lm - CRI>80<br>4000K - 2x2220lm - CRI>80 - 32° |                                 |

Complete with millimetre adjustment device; suspensions o be purchased separately (see accessories page).

**Standard composition:** Liset 2.0 with diffuser + 2 modules with 32° spotlight (upon request with 50° beam angles). Standard version includes double switching.

**Upon request:** **CRI>90**

- 3000K version with sub-code **-39**
- PUSH-DIMM version with sub-code **-1245**
- 1h EM version with subcode **-09** and 3h EM with subcode **-31**



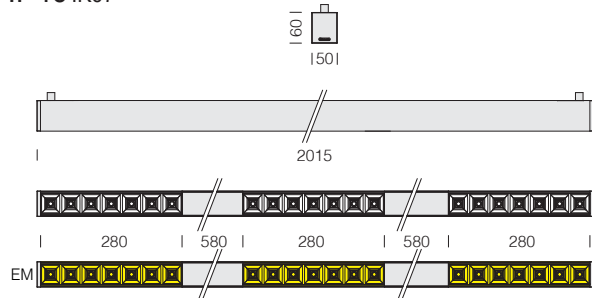
#### 3P/5P suspension attachment for track

|       |    |               |
|-------|----|---------------|
| black | 3P | 22091432-00   |
| white |    | 22091412-00   |
| black | 5P | 22091432-1241 |
| white |    | 22091412-1241 |
| black | 5P | 22091432-09   |
| white |    | 22091412-09   |

Supplied with steel wire, mechanical adapter (2 per pack), power adapter with 3P power cord for Omintrack, DALI 5P power cord for Omintrack Plus, 5P power cord + EM KIT (to be purchased separately) for Omintrack Plus. (see chapter *Tracks*)



#### IP40 IK07



#### Liset 2.0 - C+H+3M - suspension - UGR<19

| LED | housing | CLD    |        | CLD D-DIG (DALI) |               | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |
|-----|---------|--------|--------|------------------|---------------|-------|-----------------------------------------------------|
|     |         | L (mm) | weight | code             | code          |       |                                                     |
| LED | white   | 2015   | 4,60   | 22302512-00      | 22302512-1241 | 27    | 4000K - 3x1243lm - CRI>80 - 65°                     |
|     | black   |        |        | 22302532-00      | 22302532-1241 |       |                                                     |

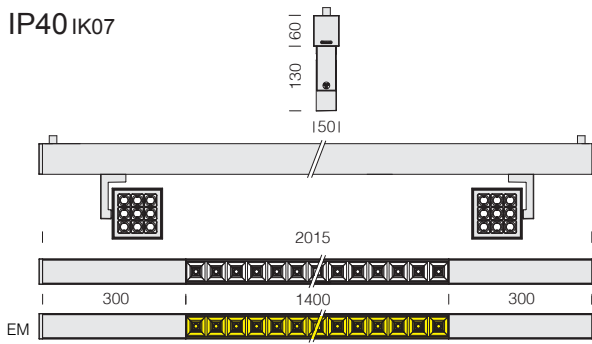
Complete with millimetre adjustment device; suspensions o be purchased separately (see accessories page).

**Standard composition:** 3 modules with 65° black comfort optics (upon request with 76° beam angle).

**Upon request:** 3000K version with subcode **-39**. CRI>90 (3000K-4000K)

- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)
- with RADAR SENSOR: sub-code **-19**

#### IP40 IK07



#### Liset 2.0 - C+M+2S - suspension - UGR<19

| LED | housing | CLD    |        | CLD D-DIG (DALI) |               | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees              |
|-----|---------|--------|--------|------------------|---------------|-------|------------------------------------------------------------------|
|     |         | L (mm) | weight | code             | code          |       |                                                                  |
| LED | white   | 2015   | 6,50   | 22302513-00      | 22302513-1241 | 96    | 4000K - 4561lm - CRI>80 - 65°<br>4000K - 2x2220lm - CRI>80 - 32° |
|     | black   |        |        |                  |               |       |                                                                  |
| LED | black   | 2015   | 6,50   | 22302533-00      | 22302533-1241 | 96    | 4000K - 4561lm - CRI>80 - 65°<br>4000K - 2x2220lm - CRI>80 - 32° |

Complete with millimetre adjustment device; suspensions o be purchased separately (see accessories page).

**Standard composition:** Liset 2.0 with 65° black comfort optics + 2 modules with 32° spotlight (upon request with 76° comfort optics + 50° spotlights).  
Standard version includes double switching.

**Upon request:** 3000K version with subcode **-39**. CRI>90 (3000K-4000K)

- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)



**Housing:** extruded aluminium.

**Roll diffuser:** opal polycarbonate (to be purchased separately).

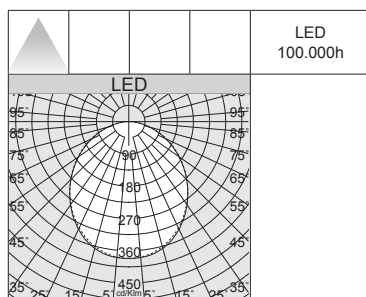
**Coating:** polyester resin-based powder coating, UV stabilised.

**Équipement:** supplied standard, versions complete with 2 mm adjustments for installation as pendant lamps (suspensions to be purchased separately).

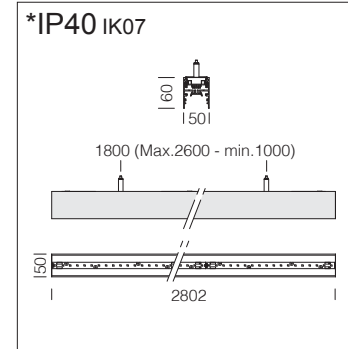
**Upon request version:**

- emergency wiring **CLD E** with **sub-code -09**.
- emergency wiring with centralized power supply **CLD EC** with **sub-code -0050**.
- **CLD D-D (DALI)** wiring with **sub-code -1241**.
- available in different colours and surface finishes to coordinate with any architectural design (example exemple smooth anodic ice, smooth silver, smooth bronze, gold).

To be completed with acc.:  
22028010-00 - 22028030-00  
end cap



\* if complete with roll diffuser



**Standard version:** with 2 mm adjustments.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10)  
Power factor  $\geq 0.92$ .

| Liset 2.0 "INFINITY" - suspension - to be completed with roll diffuser |         |        |        |               |                               |
|------------------------------------------------------------------------|---------|--------|--------|---------------|-------------------------------|
| LED                                                                    | housing | L (mm) | weight | CLD           | **LUMEN OUTPUT (tq= 25 °C)    |
|                                                                        |         |        |        | code          | K - ølm - CRI                 |
| LED                                                                    | white   | 2802   | 5,80   | 22307410-0072 | 60<br>4000K - 6120lm - CRI 80 |
|                                                                        | black   |        |        | 22307430-0072 |                               |
| LED                                                                    | white   | 2802   | 5,80   | 22307410-3972 | 60<br>3000K - 5814lm - CRI 80 |
|                                                                        | black   |        |        | 22307430-3972 |                               |

"INFINITY" light module that enables continuous and uninterrupted light lines. To be completed with:

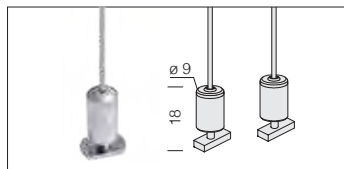
- opal polycarbonate film roll (upon request, UGR<19 roll is available)
- end cap
- brackets for continuous light line

\*\*Lumen output with opal roll diffuser

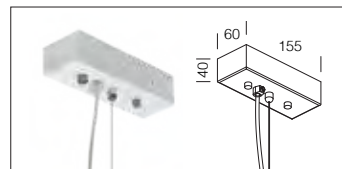


## ACCESSORIES AND CONTINUOUS LINE INSTALLATION

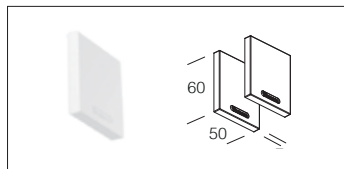
| Suspension                                                                                   |             |
|----------------------------------------------------------------------------------------------|-------------|
| galvanised                                                                                   | 22003166-00 |
| Supplied with steel wire (L=150 cm) and millimetre adjustment device (2pcs). Max load: 20Kg. |             |



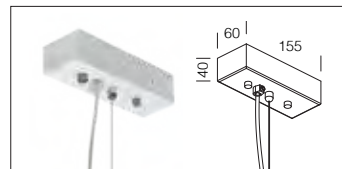
| Powered suspension with wire                                                                           |             |
|--------------------------------------------------------------------------------------------------------|-------------|
| white                                                                                                  | 22003190-00 |
| black                                                                                                  | 22003130-00 |
| Supplied with steel wire (L = 150cm) and millimetre adjustment device and power cord. Max load: 20 kg. |             |



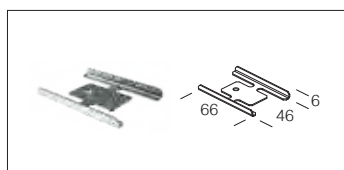
| End cap                                            |             |
|----------------------------------------------------|-------------|
| white                                              | 22028010-00 |
| black                                              | 22028030-00 |
| To be used to close the two terminal ends (2 pcs). |             |



| 5P Powered suspension                                                                                                        |             |
|------------------------------------------------------------------------------------------------------------------------------|-------------|
| white                                                                                                                        | 22003120-00 |
| black                                                                                                                        | 22003121-00 |
| Supplied with steel wire (L = 150cm) and power cord. For electric gear in <b>EM and DIMM DALI</b> versions. Max load: 20 kg. |             |

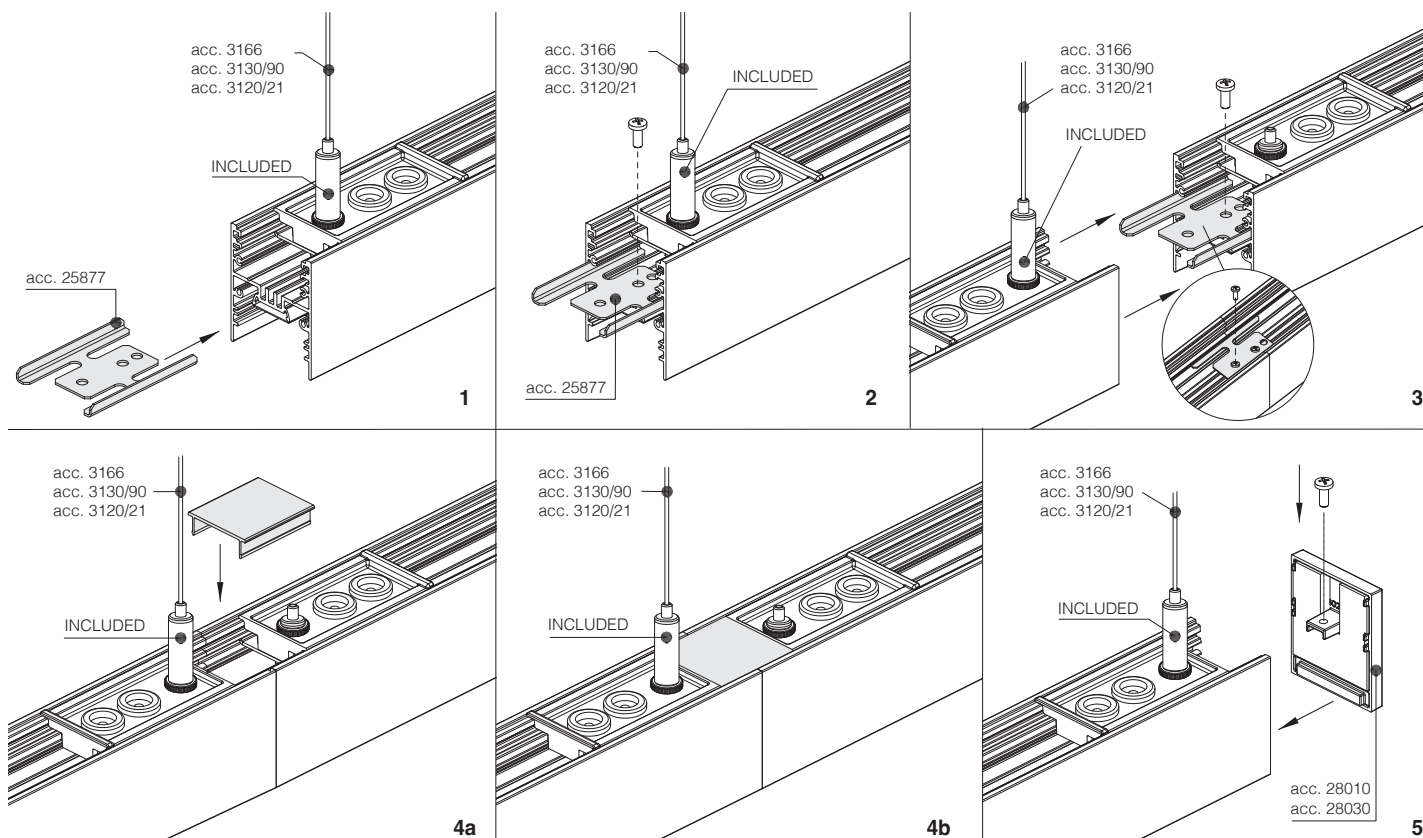


| Joining bracket                                   |             |
|---------------------------------------------------|-------------|
|                                                   | 22025877-00 |
| It permits mechanical connection of the profiles. |             |



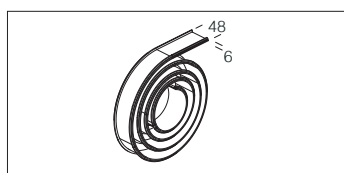
## Installation sequence:

- 1) Insert the junction bracket accessory (to be purchased separately)
- 2) Tighten the locking screw onto the luminaire's body
- 3) Connect the luminaires until they are fully aligned with the junction bracket, then tighten the locking screws
- 4a) Assemble the provided end cap to the junction bracket; 4b) hook it onto the luminaires' bodies, ensuring they are aligned in a continuous row
- 5) Align the end cap (to be purchased separately) and securely tighten it with the locking screw



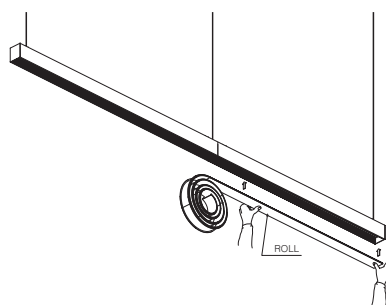
Liset 2.0 "INFINITY" with pass-through wiring with subcode **-0072** to be completed with acc. opal diffuser Roll.

| Opal polycarbonate Roll                                                                                                                                                   |             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| L = 30m                                                                                                                                                                   | 22025843-00 |
| Opal polycarbonate Roll must always be used on Liset 2.0 "INFINITY" for continuous and uninterrupted "all light" lines. Upon request, UGR<19 prismatic roll is available. |             |

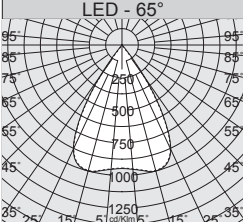


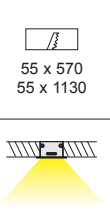
Roll order example

| Liset 2.0 "INFINITY"  | Roll    |
|-----------------------|---------|
| L = 2802mm (x 10 pcs) | L = 30m |





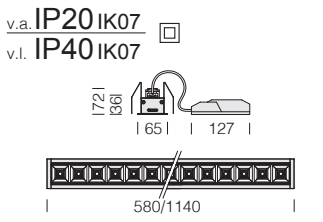









v.a. IP20 IK07  
v.l. IP40 IK07



### Liset 2.0 TW - recessed - comfort optics - UGR<19

| LED           | housing | L (mm) | weight | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C)            |
|---------------|---------|--------|--------|------------------|-------|-------------------------------------|
|               |         |        |        | code             |       | K - ølm - CRI - degrees             |
| LED 14 lenses | white   | 580    | 1,10   | 22302101-0024    | 16    | 2700K÷6500K - 2092lm - CRI>80 - 65° |
| LED 28 lenses | white   | 1140   | 2,30   | 22302102-0024    | 29    | 2700K÷6500K - 3603lm - CRI>80 - 65° |

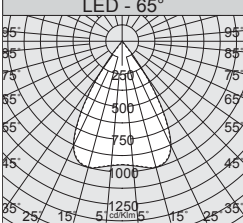
#### Upon request: CRI>90

- black colour housing version
- 76° beam version

**Comfort optics:** in white anti-glare polycarbonate for improved visual comfort (the black and DARK metallized colour version are available upon request).

**LED:** luminous flux maintenance 80%: 100.000h (L80B10)  
Power factor ≥0.92.



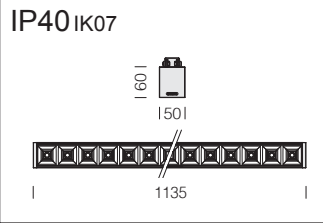









IP40 IK07



### Liset 2.0 TW - ceiling - comfort optics - UGR<19

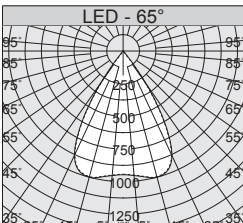
| LED           | housing | L (mm) | weight | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C)            |
|---------------|---------|--------|--------|------------------|-------|-------------------------------------|
|               |         |        |        | code             |       | K - ølm - CRI - degrees             |
| LED 28 lenses | white   | 1135   | 3,20   | 22302105-0024    | 29    | 2700K÷6500K - 3375lm - CRI>80 - 65° |
|               | black   |        |        | 22302135-0024    |       |                                     |

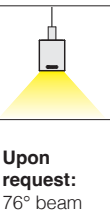
#### Upon request: CRI>90

**Comfort optics:** in black anti-glare polycarbonate for improved visual comfort (the white and DARK metallized colour version are available upon request).

**LED:** luminous flux maintenance 80%: 100.000h (L80B10)  
Power factor ≥0.92.



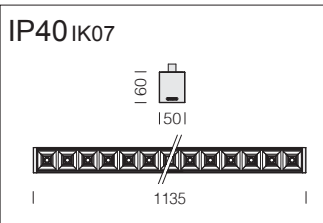









IP40 IK07



### Liset 2.0 TW - suspension - direct light - comfort optics - UGR<19

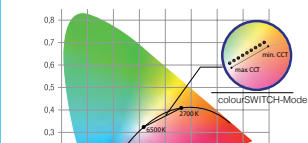
| LED           | housing | L (mm) | weight | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C)            |
|---------------|---------|--------|--------|------------------|-------|-------------------------------------|
|               |         |        |        | code             |       | K - ølm - CRI - degrees             |
| LED 28 lenses | white   | 1135   | 3,00   | 22302111-0024    | 29    | 2700K÷6500K - 3375lm - CRI>80 - 65° |
|               | black   |        |        | 22302131-0024    |       |                                     |

Complete with millimetre adjustment device; suspensions to be purchased separately (see accessories page). **Upon request: CRI>90**

**Comfort optics:** in black anti-glare polycarbonate for improved visual comfort (the white and DARK metallized colour version are available upon request).

**LED:** luminous flux maintenance 80%: 100.000h (L80B10)  
Power factor ≥0.92.

## TECHNICAL CHARACTERISTICS - TW BASIC VERSION



- Colour temperature adjustment range from 2700K to 6500K on a linear scale
- MacAdams 3
- Full 3% to 100% dimming range
- ≤4% flicker
- Constant colour temperature over the entire dimming range
- Constant luminous flux

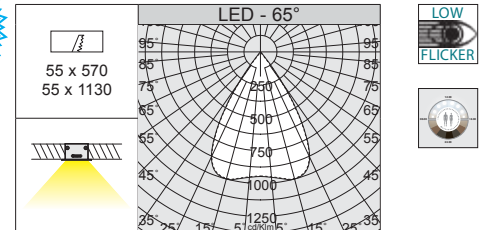
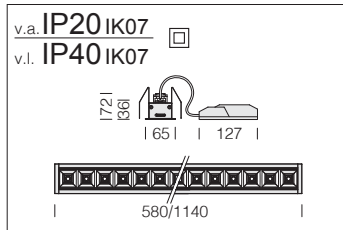
### colourSWITCH function

A conventional pushbutton can be used to control the system via colourSWITCH. Use of pushbutton with indicator lamp is not permitted. If the device is controlled via DALI/DSI, colourSWITCH is not available. For control via a pushbutton different settings can be made:

- Short press: setting the colour temperature via colourSWITCH mode with 9 values between 2,700 and 6,500 K.
  - Long press (> 1 s): stepless setting of colour temperature.
- After completion the colour temperature direction will be inverted. In installations with LED Drivers with different colour temperature or opposite colour temperature directions (e.g. after a system extension), all LED Drivers can be synchronized to 4,500 K by a 10 s push.

### switchDIM function

Integrated switchDIM function allows a direct connection of a pushbutton for dimming and switching. Brief push (< 0.6 s) switches LED Driver ON and OFF. The dim level is saved at power-down and restored at power-up. When the pushbutton is held, LED modules are dimmed. After releasing and pushing the LED modules are dimmed in the opposite direction. In installations with LED Drivers with different dimming levels or opposite dimming directions (e.g. after a system extension), all LED Drivers can be synchronized to 50 % dimming level by a 10 s push. Use of pushbutton with indicator lamp is not permitted.



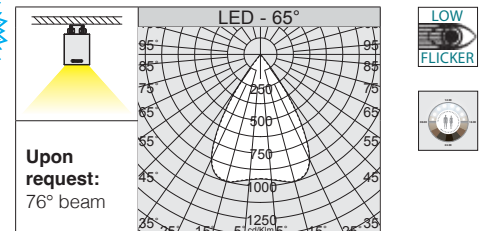
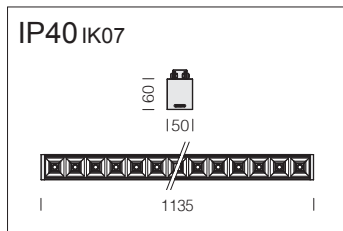
**Comfort optics:** in white anti-glare polycarbonate for improved visual comfort (the black and DARK metallized colour version are available upon request).

**LED:** luminous flux maintenance 80%: 100.000h (L80B10)  
Power factor  $\geq 0.92$ .

| Liset 2.0 HCL - recessed - comfort optics - UGR<19 |         |              |        |             |       |                                           |
|----------------------------------------------------|---------|--------------|--------|-------------|-------|-------------------------------------------|
|                                                    |         | CLD DW (HCL) |        |             | W tot | LUMEN OUTPUT (tq= 25 °C)                  |
| LED                                                | housing | L (mm)       | weight | code        |       | K - $\phi$ lm - CRI - degrees             |
| LED 14 lenses                                      | white   | 580          | 1,10   | 22302101-89 | 16    | 2700K $\pm$ 6500K - 2092lm - CRI>80 - 65° |
| LED 28 lenses                                      | white   | 1140         | 2,30   | 22302102-89 | 29    | 2700K $\pm$ 6500K - 3603lm - CRI>80 - 65° |

Upon request: CRI>90

- black colour housing version
- 76° beam version

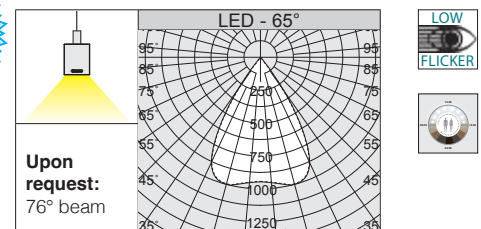
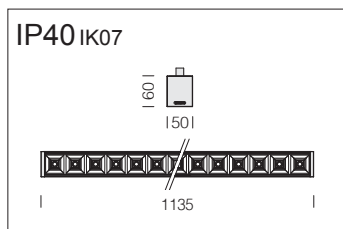


**Comfort optics:** in black anti-glare polycarbonate for improved visual comfort (the white and DARK metallized colour version are available upon request).

**LED:** luminous flux maintenance 80%: 100.000h (L80B10)  
Power factor  $\geq 0.92$ .

| Liset 2.0 HCL - ceiling - comfort optics - UGR<19 |         |              |        |             |       |                                           |
|---------------------------------------------------|---------|--------------|--------|-------------|-------|-------------------------------------------|
|                                                   |         | CLD DW (HCL) |        |             | W tot | LUMEN OUTPUT (tq= 25 °C)                  |
| LED                                               | housing | L (mm)       | weight | code        |       | K - $\phi$ lm - CRI - degrees             |
| LED 28 lenses                                     | white   | 1135         | 3,20   | 22302105-89 | 29    | 2700K $\pm$ 6500K - 3375lm - CRI>80 - 65° |
|                                                   | black   |              |        | 22302135-89 |       |                                           |

Upon request: CRI>90



**Comfort optics:** in black anti-glare polycarbonate for improved visual comfort (the white and DARK metallized colour version are available upon request).

**LED:** luminous flux maintenance 80%: 100.000h (L80B10)  
Power factor  $\geq 0.92$ .

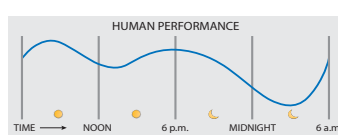
| Liset 2.0 HCL - suspension - direct light - comfort optics - UGR<19 |         |              |        |             |       |                                           |
|---------------------------------------------------------------------|---------|--------------|--------|-------------|-------|-------------------------------------------|
|                                                                     |         | CLD DW (HCL) |        |             | W tot | LUMEN OUTPUT (tq= 25 °C)                  |
| LED                                                                 | housing | L (mm)       | weight | code        |       | K - $\phi$ lm - CRI - degrees             |
| LED 28 lenses                                                       | white   | 1135         | 3,00   | 22302111-89 | 29    | 2700K $\pm$ 6500K - 3375lm - CRI>80 - 65° |
|                                                                     | black   |              |        | 22302131-89 |       |                                           |

Complete with millimetre adjustment device; suspensions o be purchased separately (see accessories page). Upon request: CRI>90

## TECHNICAL CHARACTERISTICS - HCL WIRELESS VERSION



- Colour temperature adjustment range from 2700K to 6500K on a linear scale
- Full 3% to 100% dimming range
- Switch-off fading
- <4% flicker
- Constant colour temperature over the entire dimming range • LED driver that automatically adjusts lights to the desired colour temperature and the required luminous flux

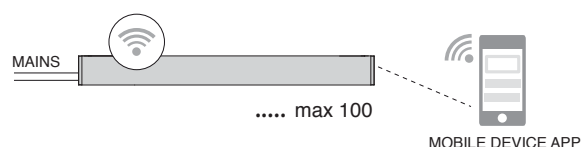


natural trend of daylight throughout the entire day.

The Dynamic White function allows adjusting the colour temperature from 2700K to 6500K to create a sense of the passing of time (circadian rhythm) and to set the mood and ambiance of a space according to our daily activities. Circadian lighting obtained with the Dynamic White function is the best solution to implement Human Centric Lighting (HCL) in classrooms, university campuses, offices and hospitals where lights can mimic the

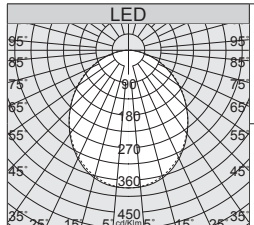
## HCL WIRELESS INSTALLATION EXAMPLE (POINT-TO-POINT)

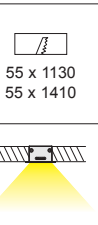
The standard version of the fixture comes with a wireless driver. Liset 2.0 can be easily controlled from a smartphone/tablet via a **free app**.







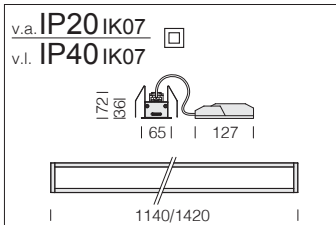







v.a. **IP20 IK07**

v.l. **IP40 IK07**



**Liset 2.0 TW - recessed - with polycarbonate diffuser**

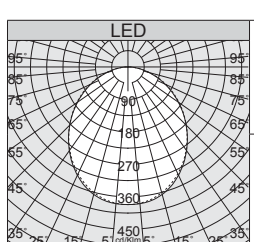
|                      |         | CLD D-DIG (DALI) |        | LUMEN OUTPUT (tq= 25 °C) |                                              |
|----------------------|---------|------------------|--------|--------------------------|----------------------------------------------|
| LED                  | housing | L (mm)           | weight | code                     | W tot                                        |
| <b>LED 4 modules</b> |         | white            | 1140   | 1,60                     | 22302201-0024                                |
| <b>LED 5 modules</b> |         | white            | 1420   | 2,00                     | 22302202-0024                                |
|                      |         |                  |        |                          | K - ølm - CRI                                |
|                      |         |                  |        |                          | 2700K÷6500K - 3250÷3220lm - <b>CRI&gt;90</b> |
|                      |         |                  |        |                          | 2700K÷6500K - 2984÷3176lm - <b>CRI&gt;90</b> |

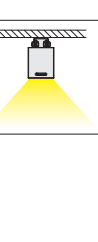
Diffuser: in polycarbonate.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10)

Power factor ≥0.92.

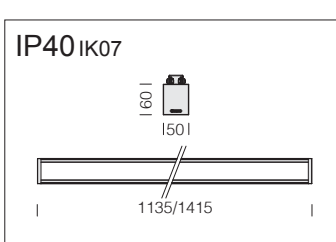






**IP40 IK07**



**Liset 2.0 TW - ceiling - with polycarbonate diffuser**

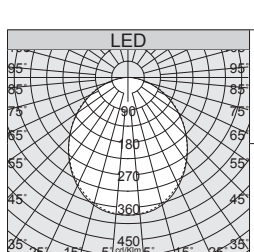
|                      |         | CLD D-DIG (DALI) |        | LUMEN OUTPUT (tq= 25 °C) |                                              |
|----------------------|---------|------------------|--------|--------------------------|----------------------------------------------|
| LED                  | housing | L (mm)           | weight | code                     | W tot                                        |
| <b>LED 4 modules</b> | white   | 1135             | 2,50   | 22302203-0024            | 40                                           |
|                      | black   |                  |        | 22302233-0024            |                                              |
| <b>LED 5 modules</b> | white   | 1415             | 3,10   | 22302204-0024            | 40                                           |
|                      | black   |                  |        | 22302234-0024            |                                              |
|                      |         |                  |        |                          | K - ølm - CRI                                |
|                      |         |                  |        |                          | 2700K÷6500K - 2899÷3357lm - <b>CRI&gt;90</b> |
|                      |         |                  |        |                          | 2700K÷6500K - 3044÷3524lm - <b>CRI&gt;90</b> |

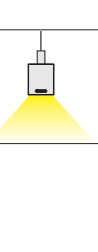
Diffuser: in polycarbonate.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10)

Power factor ≥0.92.

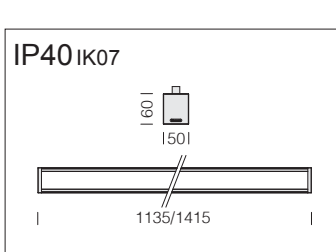






**IP40 IK07**



**Liset 2.0 TW - suspension - direct light - with polycarbonate diffuser**

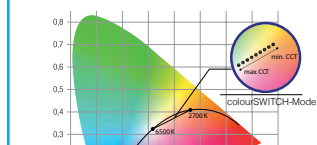
|                      |         | CLD D-DIG (DALI) |        | LUMEN OUTPUT (tq= 25 °C) |                                              |
|----------------------|---------|------------------|--------|--------------------------|----------------------------------------------|
| LED                  | housing | L (mm)           | weight | code                     | W tot                                        |
| <b>LED 4 modules</b> | white   | 1135             | 2,50   | 22302208-0024            | 40                                           |
|                      | black   |                  |        | 22302238-0024            |                                              |
| <b>LED 5 modules</b> | white   | 1415             | 3,10   | 22302209-0024            | 40                                           |
|                      | black   |                  |        | 22302239-0024            |                                              |
|                      |         |                  |        |                          | K - ølm - CRI                                |
|                      |         |                  |        |                          | 2700K÷6500K - 2899÷3357lm - <b>CRI&gt;90</b> |
|                      |         |                  |        |                          | 2700K÷6500K - 3044÷3524lm - <b>CRI&gt;90</b> |

Diffuser: in polycarbonate.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10)

Power factor ≥0.92.

Complete with millimetre adjustment device; suspensions o be purchased separately (see accessories page).

**TECHNICAL CHARACTERISTICS - TW BASIC VERSION**

- Colour temperature adjustment range from 2700K to 6500K on a linear scale
- MacAdams 3
- Full 3% to 100% dimming range
- ≤4% flicker
- Constant colour temperature over the entire dimming range
- Constant luminous flux

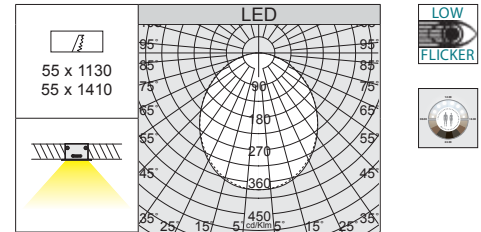
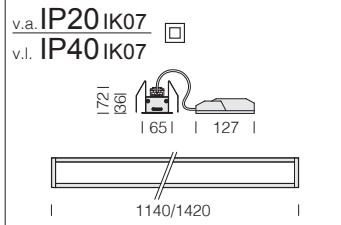
**colourSWITCH function**

A conventional pushbutton can be used to control the system via colourSWITCH. Use of pushbutton with indicator lamp is not permitted. If the device is controlled via DALI/DSI, colourSWITCH is not available. For control via a pushbutton different settings can be made:

- Short press: setting the colour temperature via colourSWITCH mode with 9 values between 2,700 and 6,500 K.
  - Long press (> 1 s): stepless setting of colour temperature.
- After completion the colour temperature direction will be inverted. In installations with LED Drivers with different colour temperature or opposite colour temperature directions (e.g. after a system extension), all LED Drivers can be synchronized to 4,500 K by a 10 s push.

**switchDIM function**

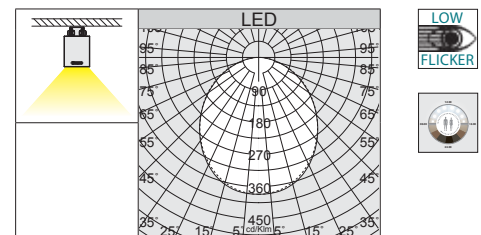
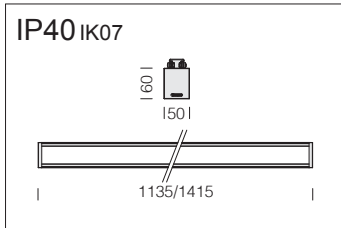
Integrated switchDIM function allows a direct connection of a pushbutton for dimming and switching. Brief push (< 0.6 s) switches LED Driver ON and OFF. The dim level is saved at power-down and restored at power-up. When the pushbutton is held, LED modules are dimmed. After releasing and pushing the LED modules are dimmed in the opposite direction. In installations with LED Drivers with different dimming levels or opposite dimming directions (e.g. after a system extension), all LED Drivers can be synchronized to 50 % dimming level by a 10 s push. Use of pushbutton with indicator lamp is not permitted.



**Diffuser:** in polycarbonate.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10)  
Power factor  $\geq 0.92$ .

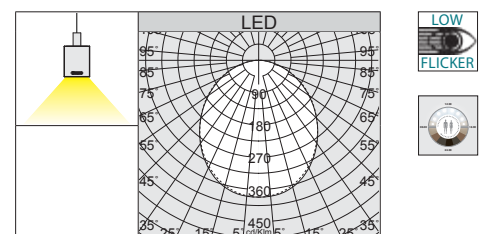
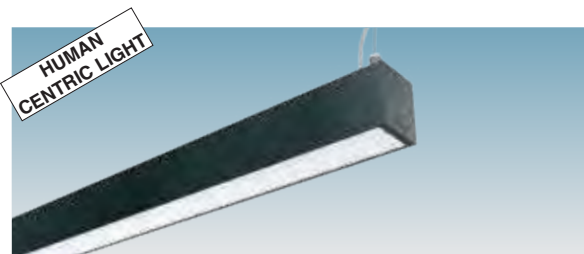
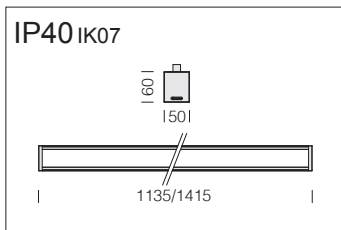
| Liset 2.0 HCL - recessed - with polycarbonate diffuser |         |              |        |             |       |                                    |
|--------------------------------------------------------|---------|--------------|--------|-------------|-------|------------------------------------|
|                                                        |         | CLD DW (HCL) |        |             | W tot | LUMEN OUTPUT (tq= 25 °C)           |
| LED                                                    | housing | L (mm)       | weight | code        |       | K - ølm - CRI                      |
| LED 4 modules                                          | white   | 1140         | 1,60   | 22302201-89 | 40    | 2700K÷6500K - 3250÷3220lm - CRI>90 |
| LED 5 modules                                          | white   | 1420         | 2,00   | 22302202-89 | 40    | 2700K÷6500K - 2984÷3176lm - CRI>90 |



**Diffuser:** in polycarbonate.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10)  
Power factor  $\geq 0.92$ .

| Liset 2.0 HCL - ceiling - with polycarbonate diffuser |         |              |        |             |       |                                    |
|-------------------------------------------------------|---------|--------------|--------|-------------|-------|------------------------------------|
|                                                       |         | CLD DW (HCL) |        |             | W tot | LUMEN OUTPUT (tq= 25 °C)           |
| LED                                                   | housing | L (mm)       | weight | code        |       | K - ølm - CRI                      |
| LED 4 modules                                         | white   | 1135         | 2,50   | 22302203-89 | 40    | 2700K÷6500K - 2899÷3357lm - CRI>90 |
|                                                       | black   |              |        | 22302233-89 |       |                                    |
| LED 5 modules                                         | white   | 1415         | 3,10   | 22302204-89 | 40    | 2700K÷6500K - 3044÷3524lm - CRI>90 |
|                                                       | black   |              |        | 22302234-89 |       |                                    |



**Diffuser:** in polycarbonate.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10)  
Power factor  $\geq 0.92$ .

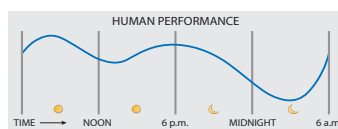
| Liset 2.0 HCL - suspension - direct light - with polycarbonate diffuser |         |              |        |             |       |                                    |
|-------------------------------------------------------------------------|---------|--------------|--------|-------------|-------|------------------------------------|
|                                                                         |         | CLD DW (HCL) |        |             | W tot | LUMEN OUTPUT (tq= 25 °C)           |
| LED                                                                     | housing | L (mm)       | weight | code        |       | K - ølm - CRI                      |
| LED 4 modules                                                           | white   | 1135         | 2,50   | 22302208-89 | 40    | 2700K÷6500K - 2899÷3357lm - CRI>90 |
|                                                                         | black   |              |        | 22302238-89 |       |                                    |
| LED 5 modules                                                           | white   | 1415         | 3,10   | 22302209-89 | 40    | 2700K÷6500K - 3044÷3524lm - CRI>90 |
|                                                                         | black   |              |        | 22302239-89 |       |                                    |

Complete with millimetre adjustment device; suspensions to be purchased separately (see accessories page).

### TECHNICAL CHARACTERISTICS - HCL WIRELESS VERSION



- Colour temperature adjustment range from 2700K to 6500K on a linear scale
- Full 3% to 100% dimming range
- Switch-off fading
- <4% flicker
- Constant colour temperature over the entire dimming range • LED driver that automatically adjusts lights to the desired colour temperature and the required luminous flux

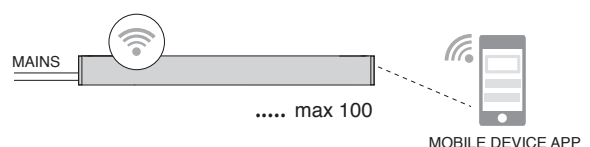


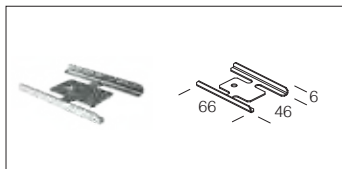
natural trend of daylight throughout the entire day.

The Dynamic White function allows adjusting the colour temperature from 2700K to 6500K to create a sense of the passing of time (circadian rhythm) and to set the mood and ambience of a space according to our daily activities. Circadian lighting obtained with the Dynamic White function is the best solution to implement Human Centric Lighting (HCL) in classrooms, university campuses, offices and hospitals where lights can mimic the

### HCL WIRELESS INSTALLATION EXAMPLE (POINT-TO-POINT)

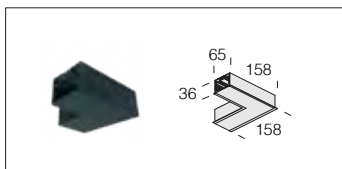
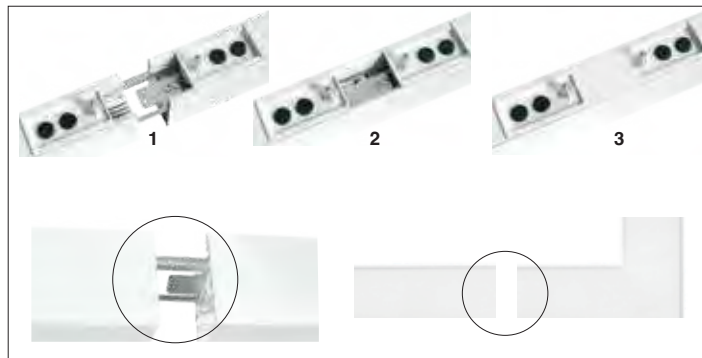
The standard version of the fixture comes with a wireless driver. Liset 2.0 can be easily controlled from a smartphone/tablet via a **free app**.



**Connecting bracket**

22025877-00

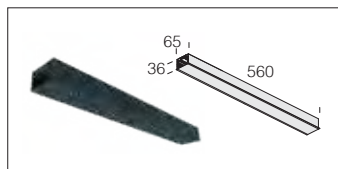
It permits mechanical connection of the profiles. For ceiling / suspension versions "S".

**S recessed angle module**

black 22302632-03

white 22302612-03

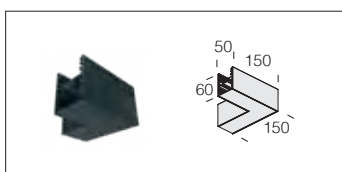
It permits angle connection of Liset 2.0. Use with acc. 22025877-00.

**S recessed linear module**

black 22385632-03

white 22385612-03

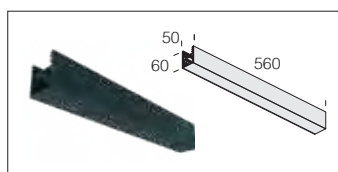
It permits linear connection of Liset 2.0. Use with acc. 22025877-00.

**S suspension/ceiling angle module**

black 22302630-03

white 22302610-03

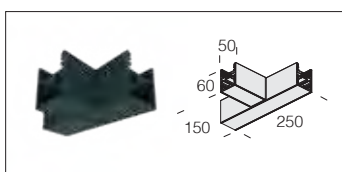
It permits angle connection of Liset 2.0. Use with acc. 22025877-00.

**S suspension linear module**

black 22385630-03

white 22385610-03

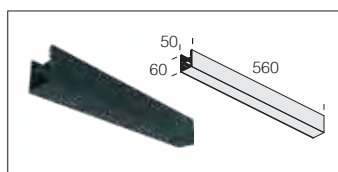
It permits linear connection of Liset 2.0. Use with acc. 22025877-00.

**S suspension/ceiling T angle module**

black 22302634-03

white 22302614-03

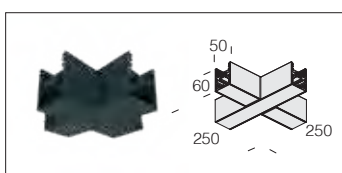
It permits T angle connection of Liset 2.0. Use with acc. 22025877-00.

**S ceiling linear module**

black 22385631-03

white 22385611-03

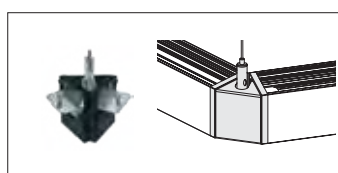
It permits linear connection of Liset 2.0. Use with acc. 22025877-00.

**S suspension/ceiling X angle module**

black 22302635-03

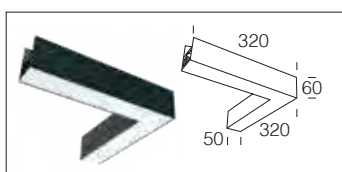
white 22302615-03

It permits X angle connection of Liset 2.0. Use with acc. 22025877-00.

**120° suspension angle module**

|       |            |
|-------|------------|
| black | on request |
| white |            |

It permits 120° angle connection of Liset 2.0.

**Suspension angle module "ALL LIGHT" with polycarbonate diffuser**

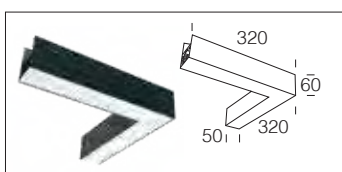
black 22302630-00

white 22302610-00

14W

4000K - CRI&gt;80

It permits angle connection of Liset 2.0 with polycarbonate diffuser. Equipped for continuous line. **Upon request: CRI>90. DIMM DALI version with subcode -1241.** 3000K version with subcode -39. Kg= 1,1.

**Ceiling angle module "ALL LIGHT" with polycarbonate diffuser**

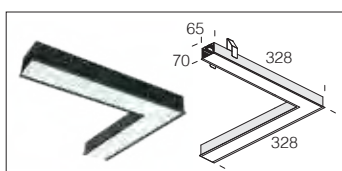
black 22302631-00

white 22302611-00

14W

4000K - CRI&gt;80

It permits angle connection of Liset 2.0 with polycarbonate diffuser. Equipped for continuous line. **Upon request: CRI>90. DIMM DALI version with subcode -1241.** 3000K version with subcode -39. Kg= 1,1.

**Recessed angle module "ALL LIGHT" with polycarbonate diffuser**

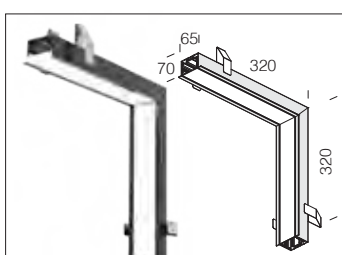
black 22302632-00

white 22302612-00

14W

4000K - CRI&gt;80

It permits angle connection of Liset 2.0 with polycarbonate diffuser. Equipped for continuous line. **Upon request: CRI>90. DIMM DALI version with subcode -1241.** 3000K version with subcode -39. Kg= 1,1.

**"Wall-to-ceiling" recessed module "ALL LIGHT" with polycarbonate diffuser**

black 22302633-00

white 22302613-00

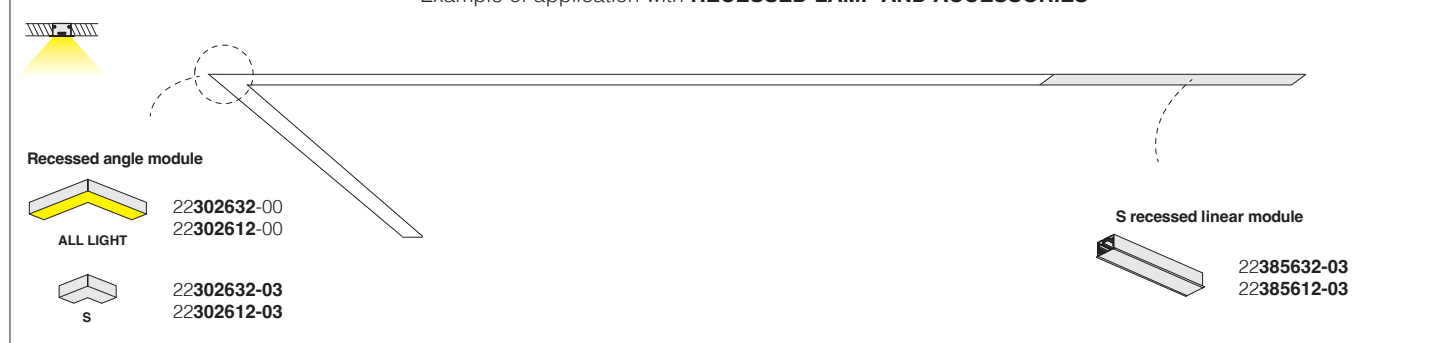
14W

4000K - CRI&gt;80

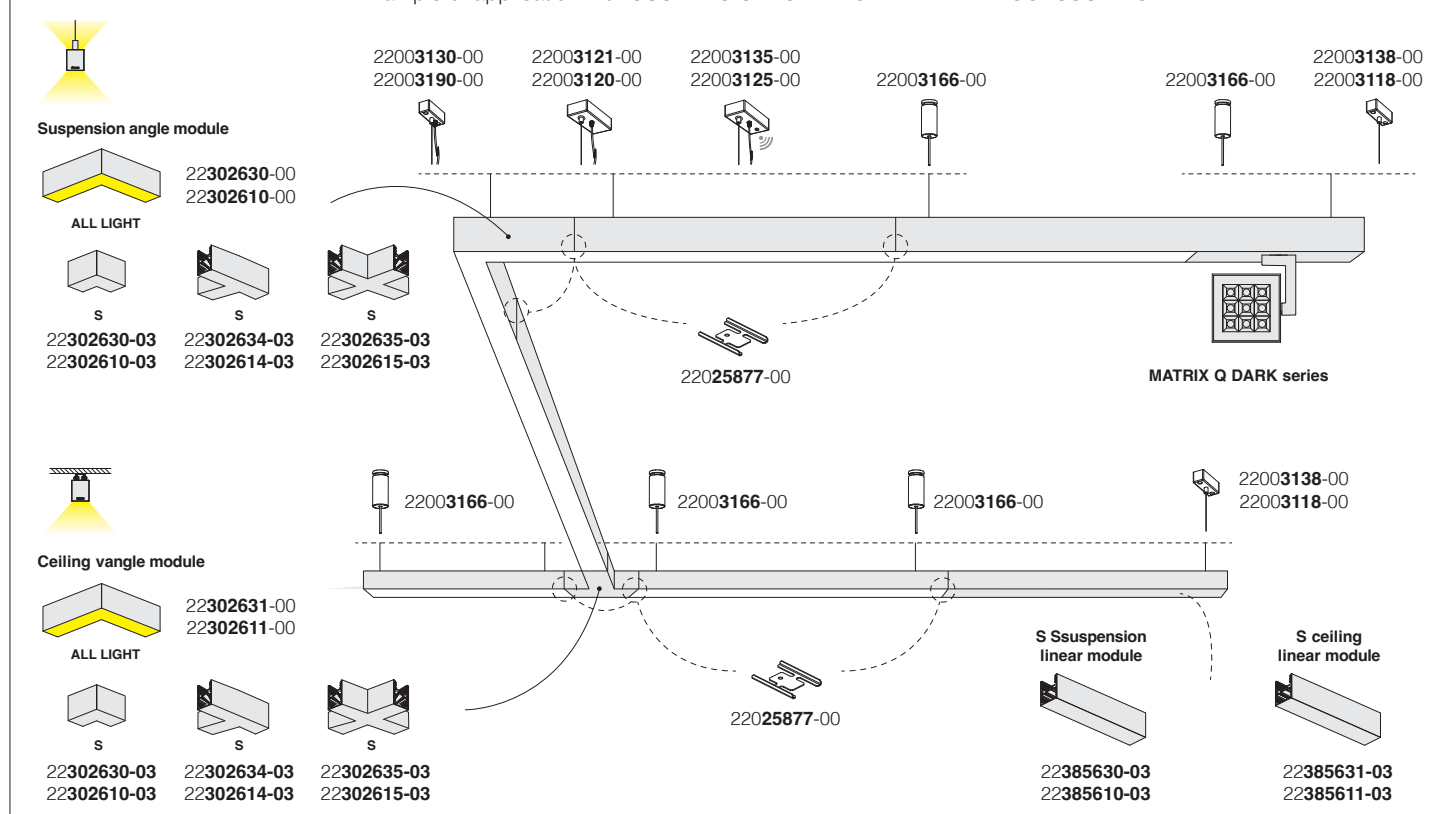
Wall-to-ceiling recessed module for Liset 2.0 with polycarbonate diffuser. Equipped for continuous line. **Upon request: CRI>90. DIMM DALI version with subcode -1241.** 3000K version with subcode -39. Kg= 1,1.



### Example of application with **RECESSED LAMP AND ACCESSORIES**

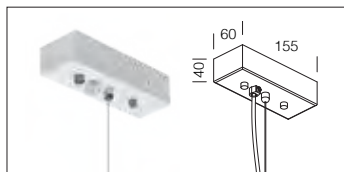


Example of application with **SUSPENSION/ CEILING LAMP AND ACCESSORIES**

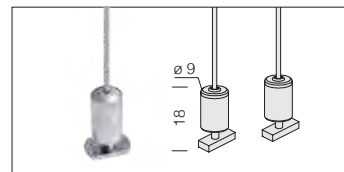


| Suspension with wire |                      |
|----------------------|----------------------|
| black                | 2200 <b>3138</b> -00 |
| white                | 2200 <b>3118</b> -00 |

Complete with steel wire (L = 150cm) and millimetre adjustment device. Max load: 20 kg.

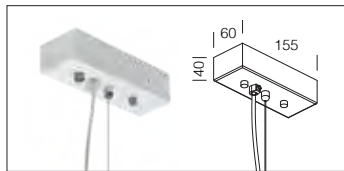


| Suspension                                                                            |             |
|---------------------------------------------------------------------------------------|-------------|
| galvanised                                                                            | 22003166-00 |
| Supplied with steel wire (L=150cm) and millimetre adjustment device. Max load: 20 kg. |             |



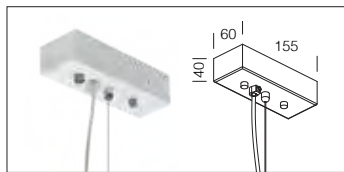
| <b>3P powered suspension with wire</b> |                      |
|----------------------------------------|----------------------|
| black                                  | 2200 <b>3130</b> -00 |
| white                                  | 2200 <b>3190</b> -00 |

Supplied with steel wire (L = 150cm) and millimetre adjustment device and power cord. Max load: 20 kg.



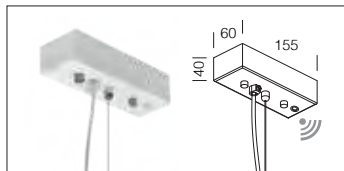
| 5P powered suspension with wire |                      |
|---------------------------------|----------------------|
| black                           | 2200 <b>3121</b> -00 |
| white                           | 2200 <b>3120</b> -00 |

Supplied with steel wire (L = 150cm) and power cord. For electric gear in **EM** and **DIMM DALI** versions. Max load: 20 kg.



| 5P WIRELESS Powered suspension |                      |
|--------------------------------|----------------------|
| black                          | 2200 <b>3135</b> -00 |
| white                          | 2200 <b>3125</b> -00 |

Supplied with steel wire (L = 150cm) and power cord. For the **WIRELESS management of DIMM DALI** versions (Out DALI : Max 7mA). Max load: 20 kg.

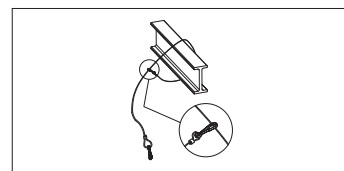


| 3P/5P suspension attachment for track |    |               |
|---------------------------------------|----|---------------|
| black                                 | 3P | 22091432-00   |
| white                                 |    | 22091412-00   |
| black                                 | 5P | 22091432-1241 |
| white                                 |    | 22091412-1241 |
| black                                 | 5P | 22091432-09   |
| white                                 |    | 22091412-09   |

Supplied with steel wire, mechanical adapter (2 per pack), power adapter with 3P power cord for Omnintrack, DALI 5P power cord for Omnintrack Plus, 5P power cord + EM KIT (to be purchased separately) for Omnintrack Plus. (see chapter *Tracks*)



|                                                                                              |
|----------------------------------------------------------------------------------------------|
| <b>Safety cord</b>                                                                           |
| 2200 <b>4112</b> -00                                                                         |
| Steel safety cord, to be used for safety installation of the fixtures inside false ceilings. |





Lighting of excellence for stylish interiors.

The product's mounting freedom offers the possibility to create elegant and sophisticated lighting atmospheres.

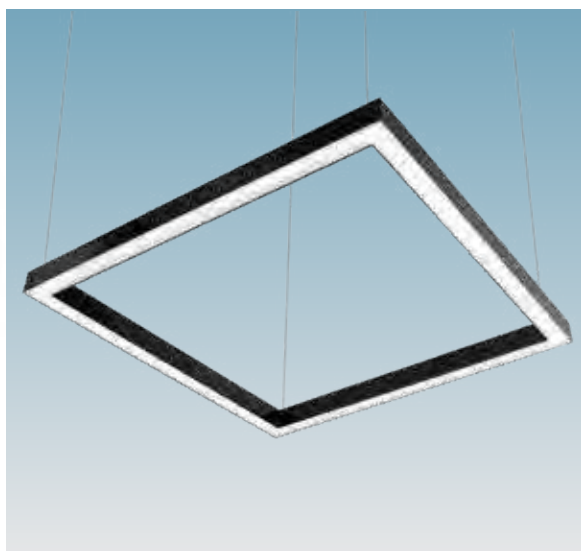
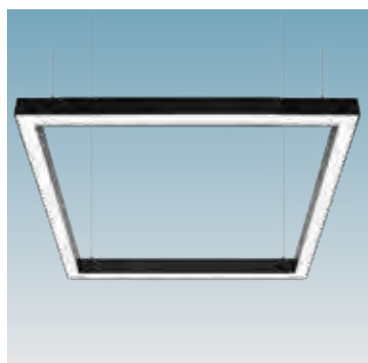
The clean-cut geometry of Liset 2.0 blends seamlessly into any modern, refined setting.

Carefree Design!

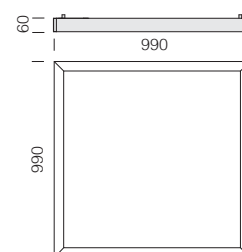








IP40 IK07



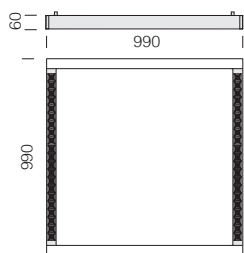
**Diffuser:** in polycarbonate.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .

| Liset 2.0 "SQ" - 4D - "ALL LIGHT" |         |        |        |             |       |                          |
|-----------------------------------|---------|--------|--------|-------------|-------|--------------------------|
| LED                               | housing | L (mm) | weight | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C) |
|                                   |         |        |        | code        |       | K - ølm - CRI            |
| LED                               | white   | 990    | 8,50   | 22302710-00 | 46    | 4000K - 4750lm - CRI>80  |
|                                   | black   |        |        | 22302730-00 |       |                          |
| LED                               | white   | 990    | 8,50   | 22302710-39 | 46    | 3000K - 4420lm - CRI>80  |
|                                   | black   |        |        | 22302730-39 |       |                          |

Complete with millimetre adjustment device; suspensions o be purchased separately (see accessories page).

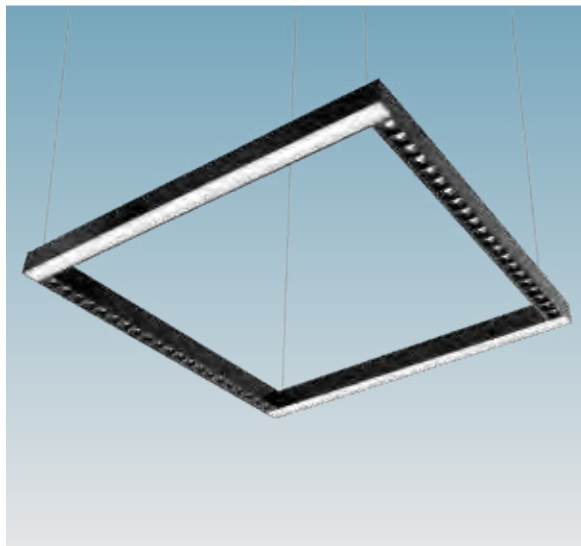
## IP40 IK07



**Diffuser:** in polycarbonate.

**Comfort optics:** in black anti-glare polycarbonate for improved visual comfort (the white and DARK metallized colour version are available upon request).

**LED:** luminous flux maintenance 80%: 100.000h (L80B10). Power factor  $\geq 0.92$ .

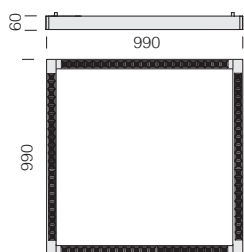


## Liset 2.0 "SQ" - 2D+2M

|     |         | CLD    |        |             | LUMEN OUTPUT (tq= 25 °C) |                         |
|-----|---------|--------|--------|-------------|--------------------------|-------------------------|
| LED | housing | L (mm) | weight | code        | W tot                    | K - ølm - CRI           |
| LED | white   | 990    | 10,00  | 22302810-00 | 51                       | 4000K - 5320lm - CRI>80 |
|     | black   |        |        | 22302830-00 |                          |                         |
| LED | white   |        | 10,00  | 22302810-39 | 51                       | 3000K - 4948lm - CRI>80 |
|     | black   |        |        | 22302830-39 |                          |                         |

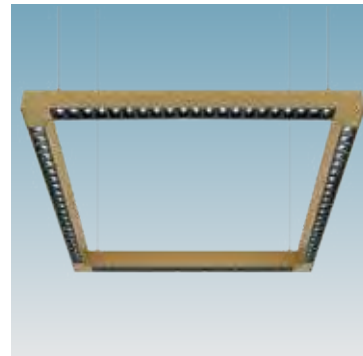
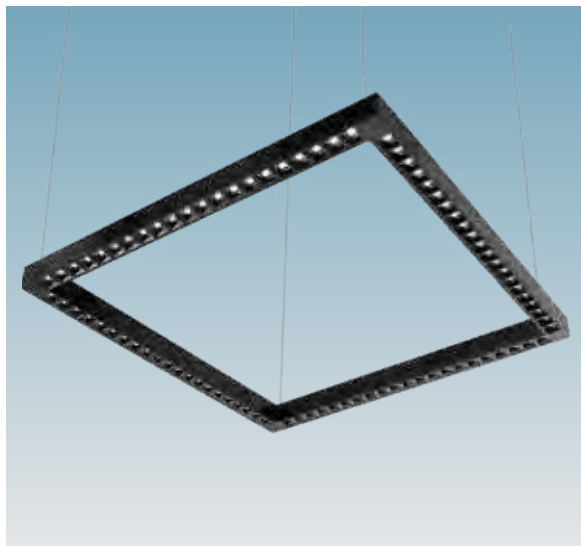
Complete with millimetre adjustment device; suspensions o be purchased separately (see accessories page).

## IP40 IK07



**Comfort optics:** in black anti-glare polycarbonate for improved visual comfort (the white and DARK metallized colour version are available upon request).

**LED:** luminous flux maintenance 80%: 100.000h (L80B10). Power factor  $\geq 0.92$ .



Upon request: gold-coloured version available.



## Liset 2.0 "SQ" - 4M

|     |         | CLD    |        |             | LUMEN OUTPUT (tq= 25 °C) |                         |
|-----|---------|--------|--------|-------------|--------------------------|-------------------------|
| LED | housing | L (mm) | weight | code        | W tot                    | K - ølm - CRI           |
| LED | white   | 990    | 10,00  | 22302910-00 | 55                       | 4000K - 6320lm - CRI>80 |
|     | black   |        |        | 22302930-00 |                          |                         |
| LED | white   |        | 10,00  | 22302910-39 | 55                       | 3000K - 5878lm - CRI>80 |
|     | black   |        |        | 22302930-39 |                          |                         |

Complete with millimetre adjustment device; suspensions o be purchased separately (see accessories page).

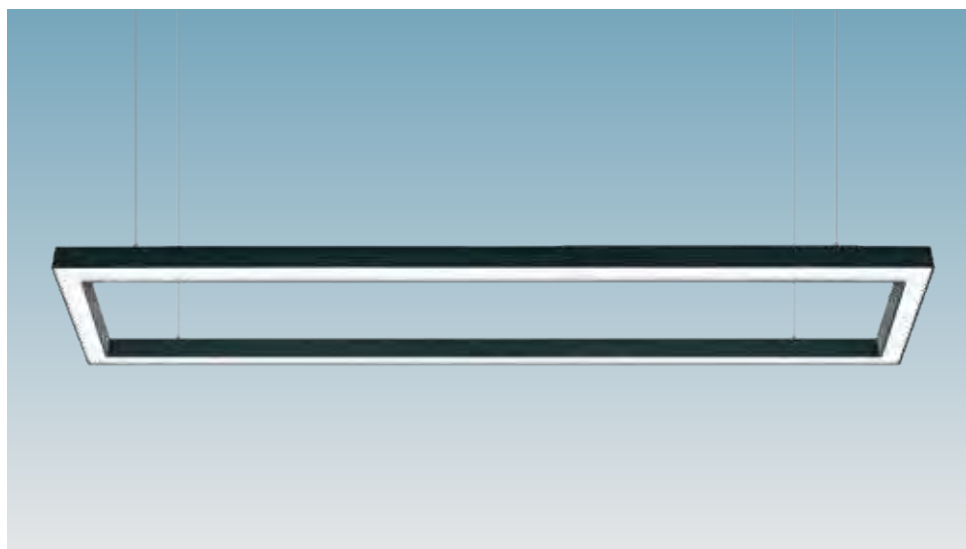


Other size Upon request

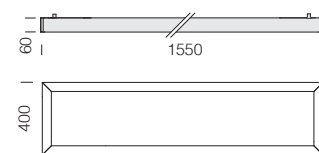
## Upon request:

- DIMM-DALI version with sub-code -1241 (4000K) or -3941 (3000K).
- PUSH-DIMM version with sub-code -1245 (4000K) or -3945 (3000K)
- 1h EM version with subcode -09 (4000K) or -0928 (3000K)
- 3h EM version with subcode -31 (4000K) or -3957 (3000K)

The product offers the possibility to choose the correct drive current for LEDs and have the right power and the luminous flux under specific design conditions.



IP40 IK07

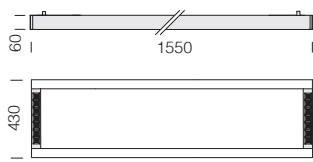
**Diffuser:** in polycarbonate.**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .

| Liset 2.0 "RT" - 4D - "ALL LIGHT" |         |        |        |             |       |                          |
|-----------------------------------|---------|--------|--------|-------------|-------|--------------------------|
| LED                               | housing | L (mm) | weight | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C) |
|                                   |         |        |        | code        |       | K - ølm - CRI            |
| LED                               | white   | 1550   | 8,30   | 22305010-00 | 45    | 4000K - 4750lm - CRI>80  |
|                                   | black   |        |        | 22305030-00 |       |                          |
| LED                               | white   | 1550   | 8,30   | 22305010-39 | 45    | 3000K - 4420lm - CRI>80  |
|                                   | black   |        |        | 22305030-39 |       |                          |

Complete with millimetre adjustment device; suspensions o be purchased separately (see accessories page).



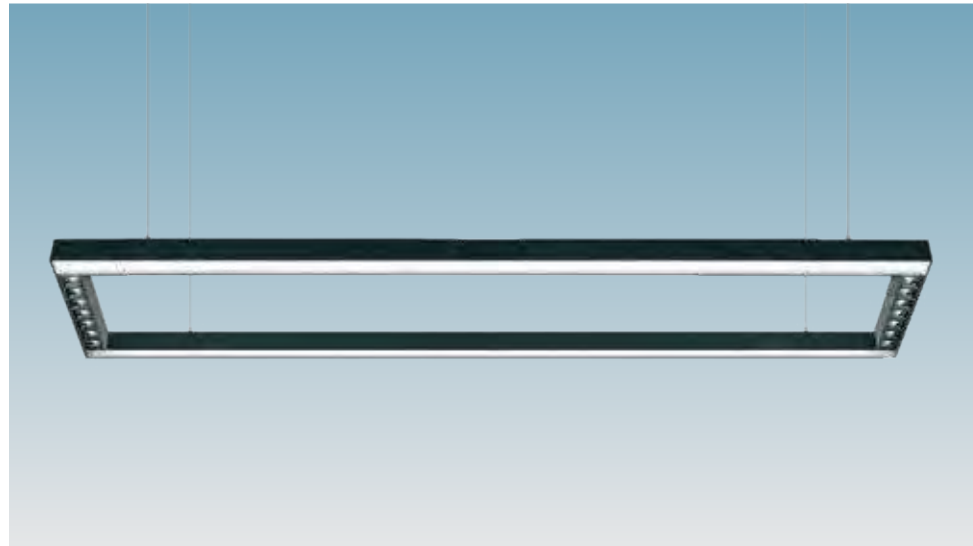
IP40 IK07



**Diffuser:** in polycarbonate.

**Comfort optics:** in black anti-glare polycarbonate for improved visual comfort (the white and DARK metallized colour version are available upon request).

**LED:** luminous flux maintenance 80%: 100.000h (L80B10). Power factor  $\geq 0.92$ .

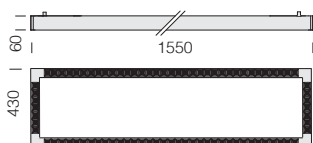


Liset 2.0 "RT" - 2M+2D

|     |         | CLD    |        |             | LUMEN OUTPUT (tq= 25 °C) |                         |
|-----|---------|--------|--------|-------------|--------------------------|-------------------------|
| LED | housing | L (mm) | weight | code        | W tot                    | K - ølm - CRI           |
| LED | white   | 1550   | 9,50   | 22305110-00 | 51                       | 4000K - 5185lm - CRI>80 |
|     | black   |        |        | 22305130-00 |                          |                         |
| LED | white   |        | 9,50   | 22305110-39 | 51                       | 3000K - 4822lm - CRI>80 |
|     | black   |        |        | 22305130-39 |                          |                         |

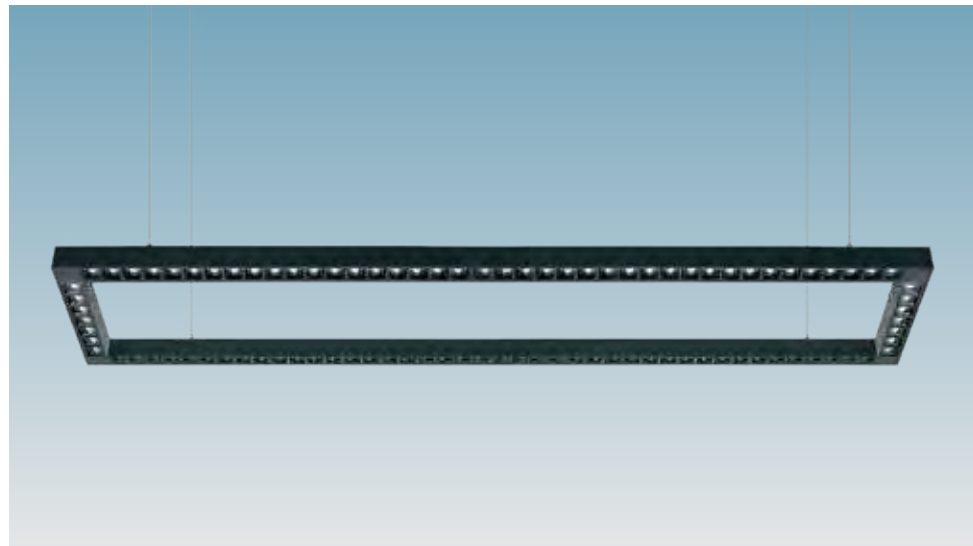
Complete with millimetre adjustment device; suspensions o be purchased separately (see accessories page).

IP40 IK07



**Comfort optics:** in black anti-glare polycarbonate for improved visual comfort (the white and DARK metallized colour version are available upon request).

**LED:** luminous flux maintenance 80%: 100.000h (L80B10). Power factor  $\geq 0.92$ .



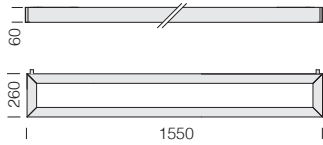
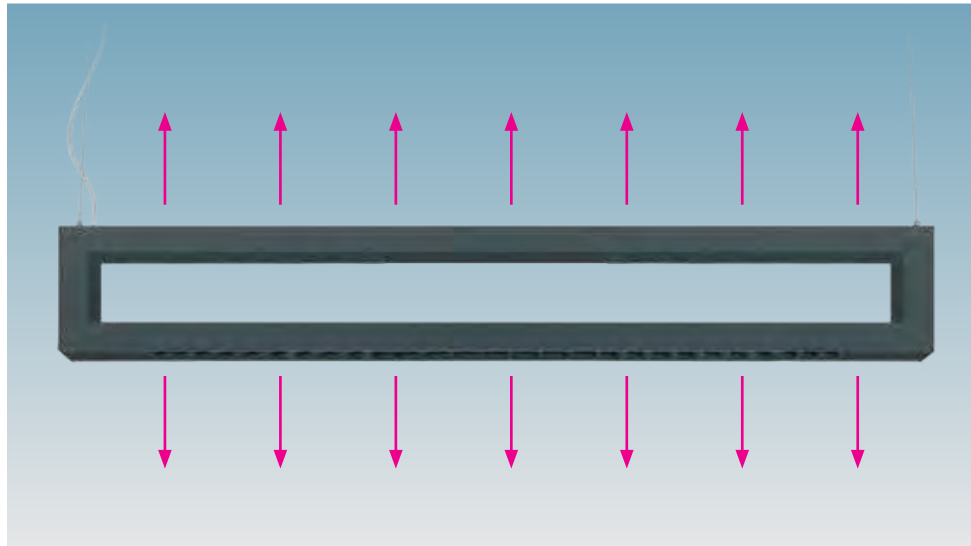
Liset 2.0 "RT" - 4M

|     |         | CLD    |        |             | LUMEN OUTPUT (tq= 25 °C) |                         |
|-----|---------|--------|--------|-------------|--------------------------|-------------------------|
| LED | housing | L (mm) | weight | code        | W tot                    | K - ølm - CRI           |
| LED | white   | 1550   | 10,00  | 22305210-00 | 48                       | 4000K - 6385lm - CRI>80 |
|     | black   |        |        | 22305230-00 |                          |                         |
| LED | white   |        | 10,00  | 22305210-39 | 48                       | 3000K - 5938lm - CRI>80 |
|     | black   |        |        | 22305230-39 |                          |                         |

Complete with millimetre adjustment device; suspensions o be purchased separately (see accessories page).



IP40 IK07

**Diffuser:** in polycarbonate.**Comfort optics:** in black/white anti-glare polycarbonate for improved visual comfort (DARK metallized colour version are available upon request).**LED:** luminous flux maintenance 80%: 100.000h (L80B10). Power factor  $\geq 0.92$ .**Liset 2.0 "light blade small" - comfort optics direct light + polycarbonate diffuser indirect light**

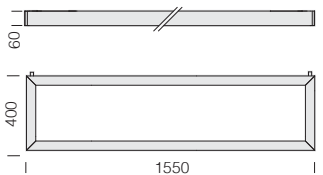
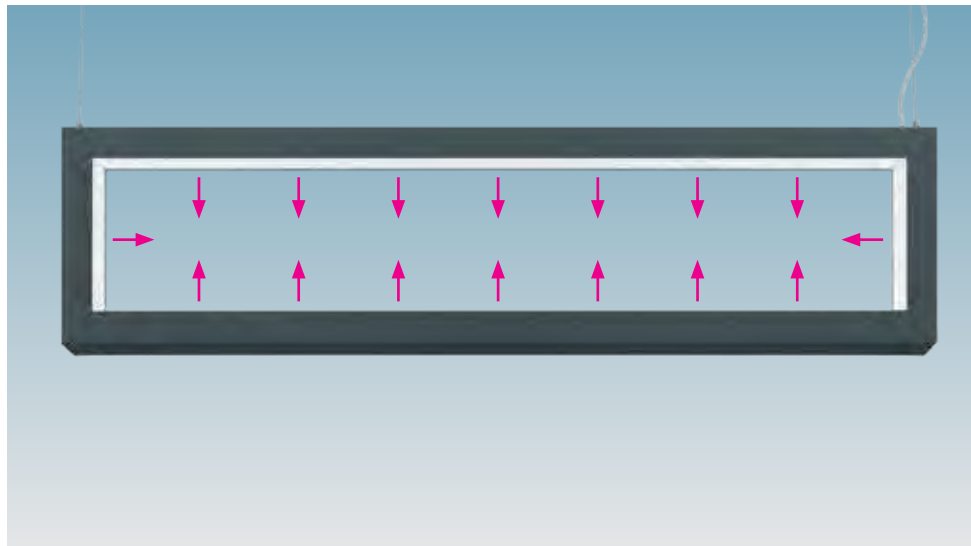
| LED | housing | CLD    |        |             | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|---------|--------|--------|-------------|-------|--------------------------|
|     |         | L (mm) | weight | code        |       | K - ølm - CRI            |
| LED | white   | 1550   | 8,50   | 22307010-00 | 36    | 4000K - 4515lm - CRI>80  |
|     | black   |        |        | 22307030-00 |       |                          |
| LED | white   | 1550   | 8,50   | 22307010-39 | 36    | 3000K - 4199lm - CRI>80  |
|     | black   |        |        | 22307030-39 |       |                          |

Complete with millimetre adjustment device; suspensions o be purchased separately (see accessories page).



SYSTEMS

IP40 IK07

**Diffuser:** in polycarbonate.**LED:** luminous flux maintenance 80%: 100.000h (L80B10). Power factor  $\geq 0.92$ .

| Liset 2.0 "light blade medium" - interior light with opal diffuser |         |        |        |             |       |                          |
|--------------------------------------------------------------------|---------|--------|--------|-------------|-------|--------------------------|
| LED                                                                | housing | CLD    |        |             | W tot | LUMEN OUTPUT (tq= 25 °C) |
|                                                                    |         | L (mm) | weight | code        |       | K - ølm - CRI            |
| LED                                                                | white   | 1550   | 8,50   | 22307110-00 | 42    | 4000K - 4171lm - CRI>80  |
|                                                                    | black   |        |        | 22307130-00 |       |                          |
| LED                                                                | white   | 1550   | 8,50   | 22307110-39 | 42    | 3000K - 3880lm - CRI>80  |
|                                                                    | black   |        |        | 22307130-39 |       |                          |

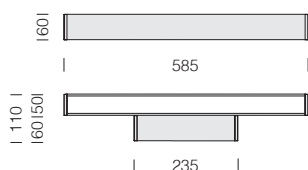
Complete with millimetre adjustment device; suspensions o be purchased separately (see accessories page).







IP40 IK07



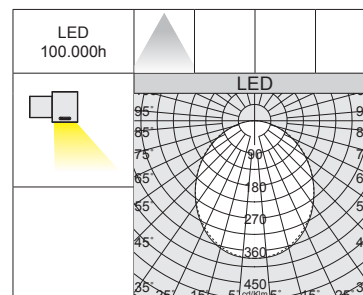
**Standard:** complete with mounting brackets for wall mount applications.

**Diffuser:** in polycarbonate.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .

**Upon request: CRI>90** version (3000K-4000K)

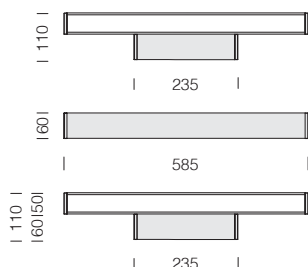
- PUSH-DIMM version with subcode **-1245** (4000K) or **-3945** (3000K)
- EM version for direct light only:
  - 1h EM version with subcode **-09** (4000K) or **-0928** (3000K)
  - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)



Liset 2.0 - wall - with polycarbonate diffuser - direct light

| LED           | housing | CLD    |        |             | W tot | LUMEN OUTPUT (tq= 25 °C) |
|---------------|---------|--------|--------|-------------|-------|--------------------------|
|               |         | L (mm) | weight | code        |       | K - ølm - CRI            |
| LED 2 modules | white   | 585    | 1,80   | 22303510-00 | 14    | 4000K - 1265lm - CRI>80  |
|               | black   |        |        | 22303530-00 |       |                          |
| LED 2 modules | white   | 585    | 1,80   | 22303510-39 | 14    | 3000K - 1202lm - CRI>80  |
|               | black   |        |        | 22303530-39 |       |                          |

IP40 IK07



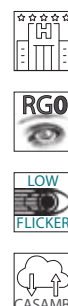
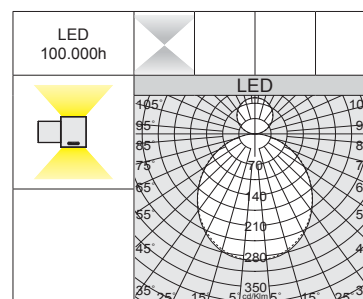
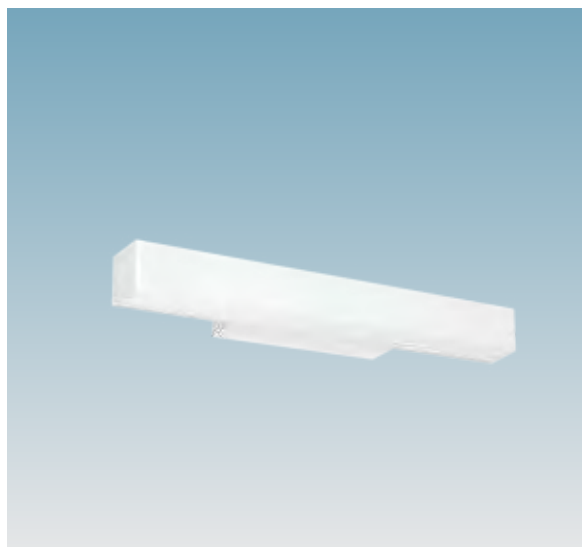
**Standard:** complete with mounting brackets for wall mount applications.

**Diffuser:** in polycarbonate.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .

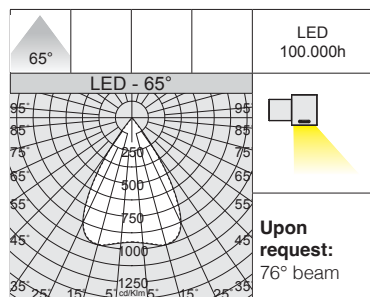
**Upon request: CRI>90** version (3000K-4000K)

- PUSH-DIMM version with subcode **-1245** (4000K) or **-3945** (3000K)
- EM version for direct light only:
  - 1h EM version with subcode **-09** (4000K) or **-0928** (3000K)
  - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)

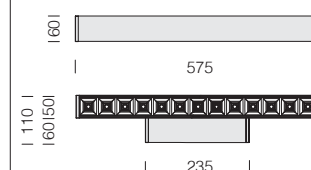


Liset 2.0 - wall - with polycarbonate diffuser - direct/indirect light

| LED             | housing | CLD    |        |             | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----------------|---------|--------|--------|-------------|-------|--------------------------|
|                 |         | L (mm) | weight | code        |       | K - ølm - CRI            |
| LED 2+2 modules | white   | 585    | 1,80   | 22303610-00 | 28    | 4000K - 2530lm - CRI>80  |
|                 | black   |        |        | 22303630-00 |       |                          |
| LED 2+2 modules | white   | 585    | 1,80   | 22303610-39 | 28    | 3000K - 2404lm - CRI>80  |
|                 | black   |        |        | 22303630-39 |       |                          |



IP40 IK07



**Standard:** complete with mounting brackets for wall mount applications.

**Comfort optics:** in black anti-glare polycarbonate for improved visual comfort (white/DARK metallized colour version are available upon request).

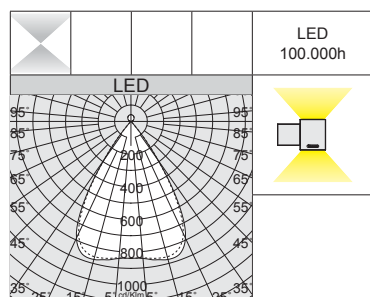
**LED:** luminous flux maintenance 80%: 100.000h (L80B10). Power factor  $\geq 0.92$ .

**Upon request: CRI>90** version (3000K-4000K)

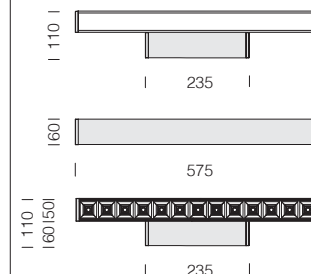
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)

- EM version for direct light only:
  - 1h EM version with subcode **-09** (4000K) or **-0928** (3000K)
  - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)

| Liset 2.0 - wall - comfort optics direct light |         |        |        |             |       |                               |
|------------------------------------------------|---------|--------|--------|-------------|-------|-------------------------------|
| LED                                            | housing | CLD    |        |             | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|                                                |         | L (mm) | weight | code        |       | K - ølm - CRI - degrees       |
| LED 14 lenses                                  | white   | 575    | 2,10   | 22303710-00 | 13    | 4000K - 1926lm - CRI>80 - 65° |
|                                                | black   |        |        | 22303730-00 |       |                               |
| LED 14 lenses                                  | white   | 575    | 2,10   | 22303710-39 | 13    | 3000K - 1830lm - CRI>80 - 65° |
|                                                | black   |        |        | 22303730-39 |       |                               |



IP40 IK07



**Standard:** complete with mounting brackets for wall mount applications.

**Comfort optics:** in black anti-glare polycarbonate for improved visual comfort (white/DARK metallized colour version are available upon request).

**Diffuser:** in polycarbonate.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10). Power factor  $\geq 0.92$ .

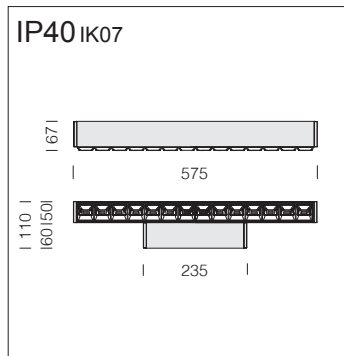
**Upon request: CRI>90** version (3000K-4000K)

- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)

- EM version for direct light only:
  - 1h EM version with subcode **-09** (4000K) or **-0928** (3000K)
  - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)

| Liset 2.0 - wall - comfort optics direct light + polycarbonate diffuser indirect light |         |        |        |             |       |                          |
|----------------------------------------------------------------------------------------|---------|--------|--------|-------------|-------|--------------------------|
| LED                                                                                    | housing | CLD    |        |             | W tot | LUMEN OUTPUT (tq= 25 °C) |
|                                                                                        |         | L (mm) | weight | code        |       | K - ølm - CRI            |
| LED 14 lenses                                                                          | white   | 575    | 2,10   | 22303810-00 | 26    | 4000K - 2891lm - CRI>80  |
|                                                                                        | black   |        |        | 22303830-00 |       |                          |
| LED 14 lenses                                                                          | white   | 575    | 2,10   | 22303810-39 | 26    | 3000K - 2747lm - CRI>80  |
|                                                                                        | black   |        |        | 22303830-39 |       |                          |





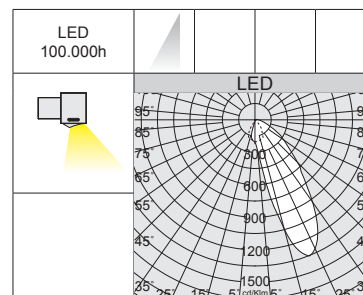
**Comfort optics:** in metallized anti-glare polycarbonate for improved visual comfort.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).

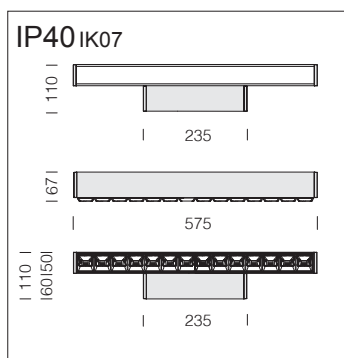
Power factor  $\geq 0.92$ .

**Upon request: CRI>90** version  
(3000K-4000K)

- PUSH-DIMM version with subcode **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K) - 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)



| Liset 2.0 - asymmetric wall - comfort optics - direct light |         |        |        |             |       |                          |
|-------------------------------------------------------------|---------|--------|--------|-------------|-------|--------------------------|
|                                                             |         | CLD    |        |             |       | LUMEN OUTPUT (tq= 25 °C) |
| LED                                                         | housing | L (mm) | weight | code        | W tot | K - ølm - CRI            |
| LED 14 lenses                                               | white   | 575    | 2,10   | 22304910-00 | 13    | 4000K - 1670lm - CRI>80  |
|                                                             | black   |        |        | 22304930-00 |       |                          |
| LED 14 lenses                                               | white   | 575    | 2,10   | 22304910-39 | 13    | 3000K - 1560lm - CRI>80  |
|                                                             | black   |        |        | 22304930-39 |       |                          |



**Standard:** complete with mounting brackets for wall mount applications.

**Comfort optics:** in metallized anti-glare polycarbonate for improved visual comfort.

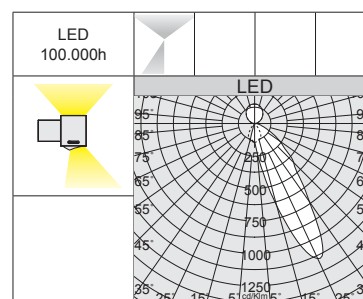
**Diffuser:** in polycarbonate.

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).

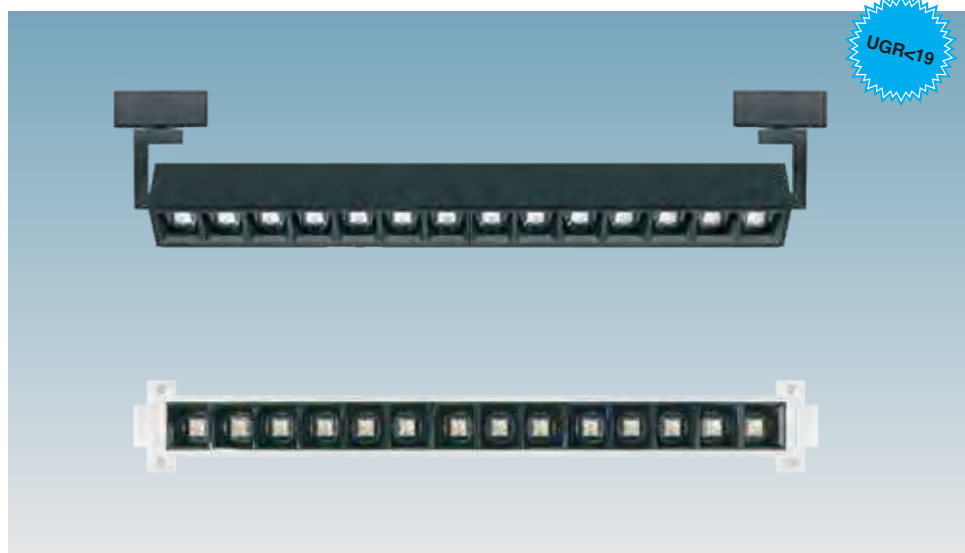
Power factor  $\geq 0.92$ .

**Upon request: CRI>90** version  
(3000K-4000K)

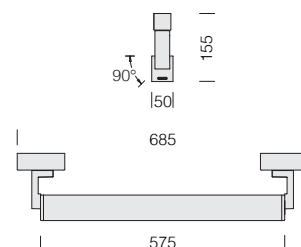
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)



| Liset 2.0 - asymmetric wall - comfort optics dir. light + polycarbonate diffuser ind. light |         |        |        |             |       |                          |
|---------------------------------------------------------------------------------------------|---------|--------|--------|-------------|-------|--------------------------|
|                                                                                             |         | CLD    |        |             |       | LUMEN OUTPUT (tq= 25 °C) |
| LED                                                                                         | housing | L (mm) | weight | code        | W tot | K - ølm - CRI            |
| LED 14 lenses                                                                               | white   | 575    | 2,10   | 22304810-00 | 26    | 4000K - 2710lm - CRI>80  |
|                                                                                             | black   |        |        | 22304830-00 |       |                          |
| LED 14 lenses                                                                               | white   | 575    | 2,10   | 22304810-39 | 26    | 3000K - 2540lm - CRI>80  |
|                                                                                             | black   |        |        | 22304830-39 |       |                          |



IP40 IK07

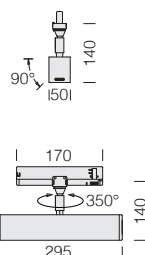


**Comfort optics:** in black anti-glare polycarbonate for improved visual comfort (the white and DARK metallized colour version are available upon request).

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .

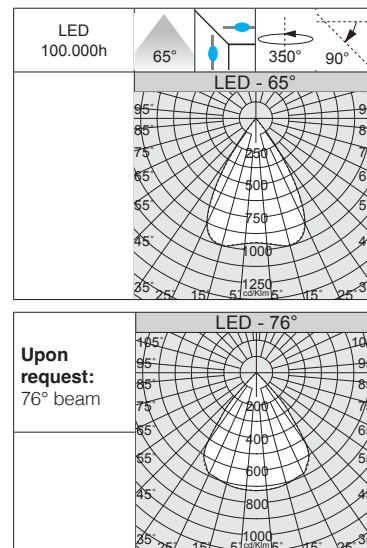
| Liset 2.0 - OR3 - adjustable on ceiling/wall - comfort optics - UGR<19                                                                                                                                                                     |         |        |        |             |       |                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|--------|-------------|-------|-------------------------------|
|                                                                                                                                                                                                                                            |         | CLD    |        |             |       | LUMEN OUTPUT (tq= 25 °C)      |
| LED                                                                                                                                                                                                                                        | housing | L (mm) | weight | code        | W tot | K - ølm - CRI - degrees       |
| LED 14 lenses                                                                                                                                                                                                                              | white   | 575    | 2,10   | 22304110-00 | 18    | 4000K - 2486lm - CRI>80 - 65° |
|                                                                                                                                                                                                                                            | black   |        |        | 22304130-00 |       |                               |
| LED 14 lenses                                                                                                                                                                                                                              | white   | 575    | 2,10   | 22304110-39 | 18    | 3000K - 2405lm - CRI>80 - 65° |
|                                                                                                                                                                                                                                            | black   |        |        | 22304130-39 |       |                               |
| Upon request: CRI>90 (3000K-4000K)                                                                                                                                                                                                         |         |        |        |             |       |                               |
| <ul style="list-style-type: none"><li>DIMM-DALI version with sub-code <b>-1241</b> (4000K) or <b>-3941</b> (3000K)</li><li>PUSH-DIMM version with sub-code <b>-1245</b> (4000K) or <b>-3945</b> (3000K)</li><li>76° beam version</li></ul> |         |        |        |             |       |                               |

IP40 IK07



**Comfort optics:** in black anti-glare polycarbonate for improved visual comfort (the white and DARK metallized colour version are available upon request).

**LED:** luminous flux maintenance 80%: 100.000h (L80B10). Power factor  $\geq 0.92$ .



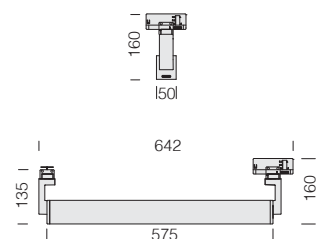
### Liset 2.0 - OR1 - adjustable on track - comfort optics - UGR<19

|              |         | CLD    |        | LUMEN OUTPUT (tq= 25 °C) |       |
|--------------|---------|--------|--------|--------------------------|-------|
| LED          | housing | L (mm) | weight | code                     | W tot |
| LED 7 lenses | white   | 295    | 1,00   | 22304010-00              | 14    |
|              | black   |        |        | 22304030-00              |       |
| LED 7 lenses | white   | 295    | 1,00   | 22304010-39              | 14    |
|              | black   |        |        | 22304030-39              |       |

Upon request: CRI>90 (3000K-4000K)

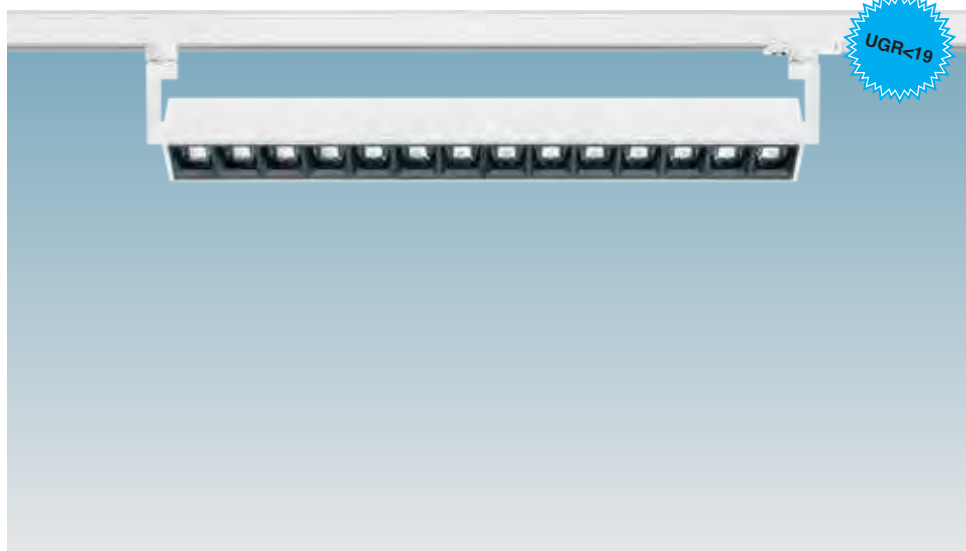
- DIMM-DALI version with sub-code -1241 (4000K) or -3941 (3000K)

IP40 IK07



**Comfort optics:** in black anti-glare polycarbonate for improved visual comfort (the white and DARK metallized colour version are available upon request).

**LED:** luminous flux maintenance 80%: 100.000h (L80B10). Power factor  $\geq 0.92$ .



### Liset 2.0 - OR2 - adjustable on track - comfort optics - UGR<19

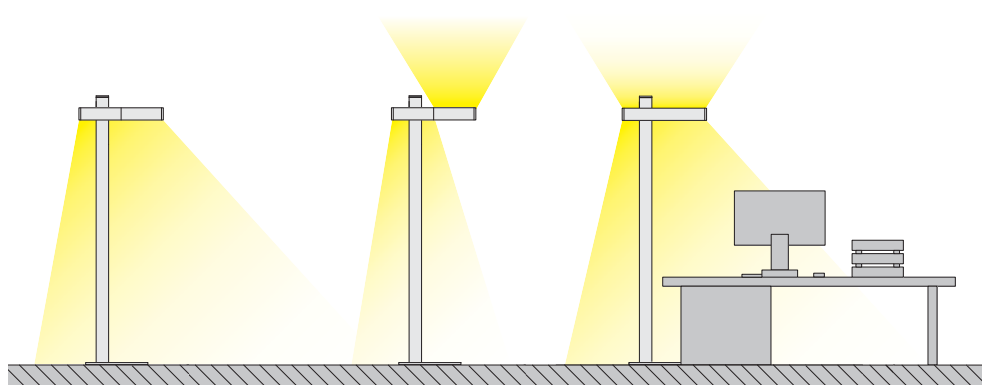
|               |         | CLD    |        | LUMEN OUTPUT (tq= 25 °C) |       |
|---------------|---------|--------|--------|--------------------------|-------|
| LED           | housing | L (mm) | weight | code                     | W tot |
| LED 14 lenses | white   | 575    | 2,50   | 22304210-00              | 18    |
|               | black   |        |        | 22304230-00              |       |
| LED 14 lenses | white   | 575    | 2,50   | 22304210-39              | 18    |
|               | black   |        |        | 22304230-39              |       |

Upon request: CRI>90 (3000K-4000K)

- DIMM-DALI version with sub-code -1241 (4000K) or -3941 (3000K)
- 76° beam version.







**Liset 2.0 floor lamp** (or upon request in **Tunable White-HCL**, with **CASAMBI** automation lighting control system **and integrated light / presence sensor versions**) is a

small-sized lighting fixture that can create amazing and elegant light effects by correctly managing the luminous intensity of the lights. This version of the standard lamp is particularly versatile thanks to the possibility to choose from different combinations of power and fluxes.



#### Colours and finishes:



smooth matt  
white



smooth matt  
black



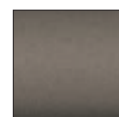
smooth  
anodic ice



smooth  
silver



smooth  
golden beach

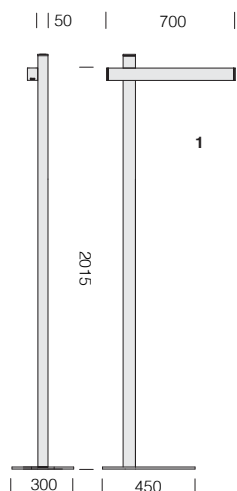


smooth  
bronze

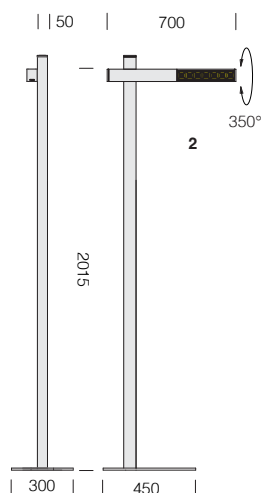


gold

IP40 IK07



IP40 IK07

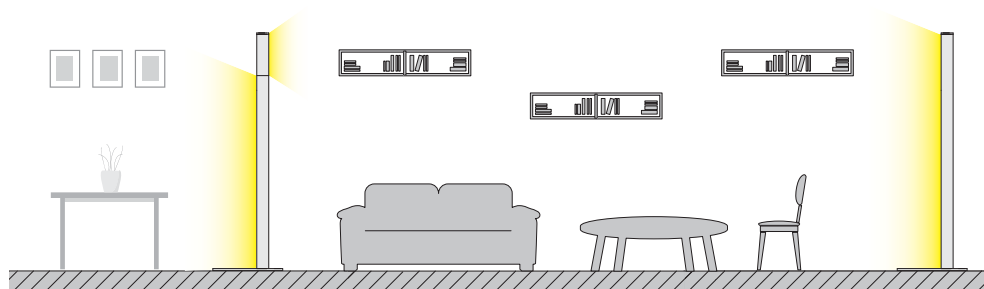
**Diffuser:** in polycarbonate.**Comfort optics:** in black/white anti-glare polycarbonate for improved visual comfort (DARK metallized colour version are available upon request).**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .

UGR&lt;19



| Liset 2.0 OFFICE 1 - fixed                                          |         |        |        |             |       |                          |
|---------------------------------------------------------------------|---------|--------|--------|-------------|-------|--------------------------|
| comfort optics direct light + polycarbonate diffuser indirect light |         |        |        |             |       |                          |
| LED                                                                 | housing | L (mm) | weight | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C) |
|                                                                     |         |        |        | code        |       | K - ølm - CRI            |
| LED 14 lenses                                                       | white   | 2015   | 14,20  | 22306010-00 | 32    | 4000K - 3990lm - CRI>80  |
|                                                                     | black   |        |        | 22306030-00 |       |                          |
| LED 14 lenses                                                       | white   | 2015   | 14,20  | 22306010-39 | 32    | 3000K - 3711lm - CRI>80  |
|                                                                     | black   |        |        | 22306030-39 |       |                          |

| Liset 2.0 OFFICE 2 - adjustable - comfort optics |         |        |        |             |       |                          |
|--------------------------------------------------|---------|--------|--------|-------------|-------|--------------------------|
| LED                                              | housing | L (mm) | weight | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C) |
|                                                  |         |        |        | code        |       | K - ølm - CRI            |
| LED 14 lenses                                    | white   | 2015   | 13,50  | 22306110-00 | 18    | 4000K - 2486lm - CRI>80  |
|                                                  | black   |        |        | 22306130-00 |       |                          |
| LED 14 lenses                                    | white   | 2015   | 13,50  | 22306110-39 | 18    | 3000K - 2312lm - CRI>80  |
|                                                  | black   |        |        | 22306130-39 |       |                          |



**Liset 2.0 floor lamp**  
(or upon request  
in **Tunable White-  
HCL**, with **CASAMBI**  
automation lighting  
control system and **integrated light / presence  
sensor versions**) is a



small-sized lighting fixture that can create amazing and elegant light effects by correctly managing the luminous intensity of the lights. This version of the standard lamp is particularly versatile thanks to the possibility to choose from different combinations of power and fluxes.

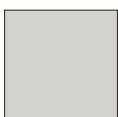
#### Colours and finishes:



smooth matt  
white



smooth matt  
black



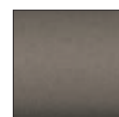
smooth  
anodic ice



smooth  
silver



smooth  
golden beach



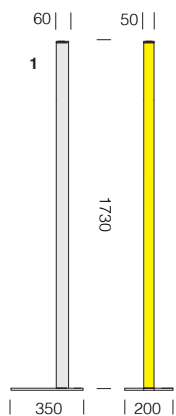
smooth  
bronze



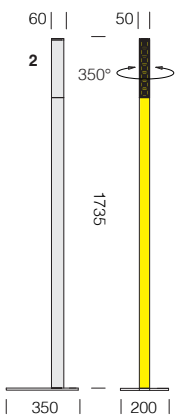
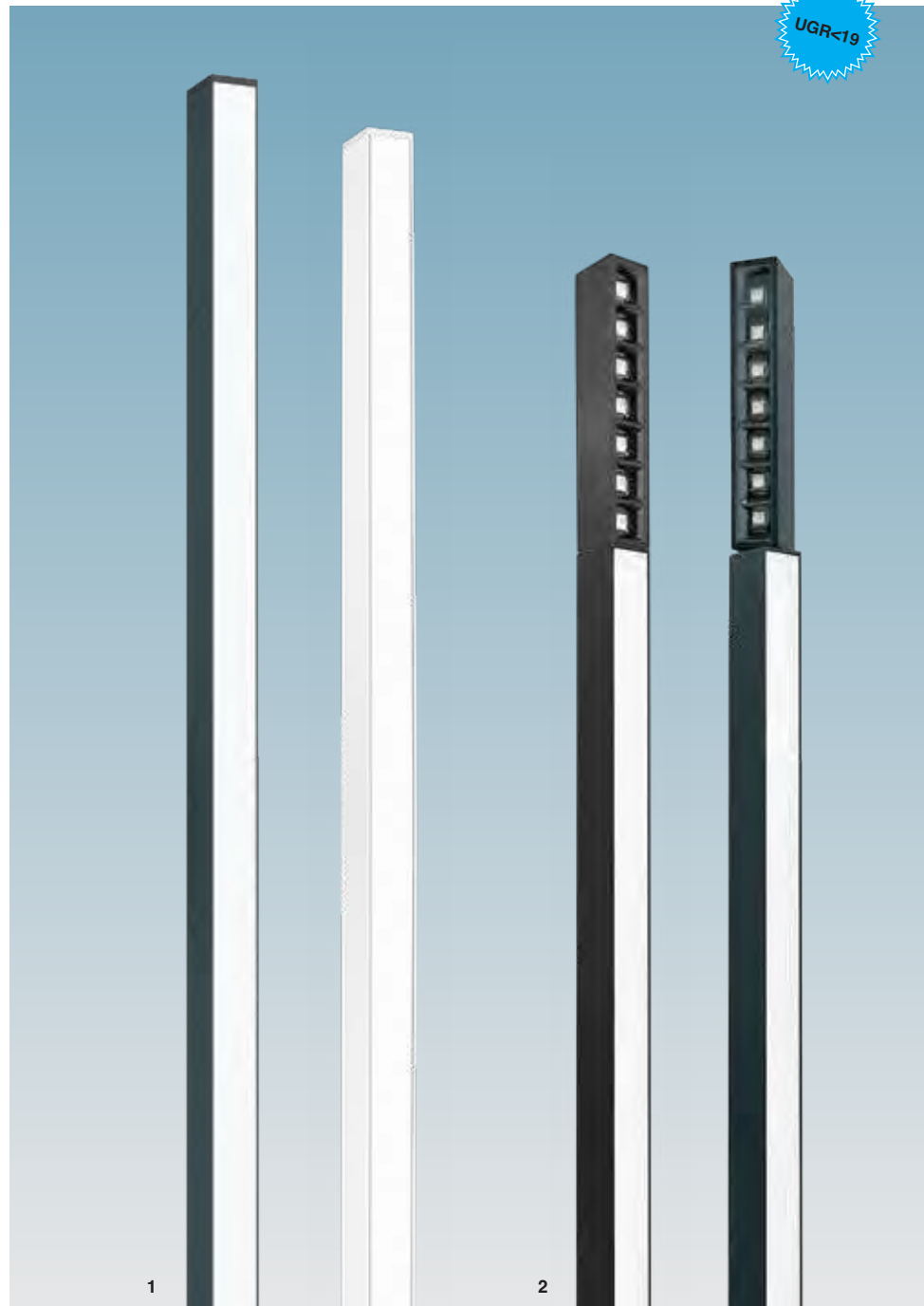
gold



IP40 IK07



IP40 IK07

**Diffuser:** in polycarbonate.**Comfort optics:** in black/white anti-glare polycarbonate for improved visual comfort (DARK metallized colour version are available upon request).**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .

UGR&lt;19

**Liset 2.0 HOME 1 - fixed - polycarbonate diffuser**

| LED | housing | L (mm) | weight | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|---------|--------|--------|-------------|-------|--------------------------|
|     |         |        |        | code        |       | K - ølm - CRI            |
| LED | white   | 1730   | 5,00   | 22306210-00 | 20    | 4000K - 2088lm - CRI>80  |
|     | black   |        |        | 22306230-00 |       |                          |
| LED | white   | 1730   | 5,00   | 22306210-39 | 20    | 3000K - 1943lm - CRI>80  |
|     | black   |        |        | 22306230-39 |       |                          |

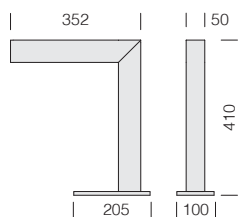
new

**Liset 2.0 HOME 2 - adjustable - polycarbonate diffuser and comfort optics**

| LED | housing | L (mm) | weight | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|---------|--------|--------|-------------|-------|--------------------------|
|     |         |        |        | code        |       | K - ølm - CRI            |
| LED | white   | 1735   | 8,60   | 22306310-00 | 30    | 4000K - 3136lm - CRI>80  |
|     | black   |        |        | 22306330-00 |       |                          |
| LED | white   | 1735   | 8,60   | 22306310-39 | 30    | 3000K - 2916lm - CRI>80  |
|     | black   |        |        | 22306330-39 |       |                          |



IP40 IK07

**Diffuser:** in polycarbonate.

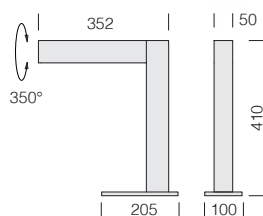
**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .

**Liset 2.0 tabletop - fixed - opal diffuser**

|            |         | CLD    |             | W tot    | LUMEN OUTPUT (tq= 25 °C) |
|------------|---------|--------|-------------|----------|--------------------------|
| LED        | housing | weight | code        |          | K - ølm - CRI            |
| <b>LED</b> | white   | 2,50   | 22307210-00 | <b>8</b> | 4000K - 825lm - CRI>80   |
|            | black   |        | 22307230-00 |          |                          |
| <b>LED</b> | white   | 2,50   | 22307210-39 | <b>8</b> | 3000K - 768lm - CRI>80   |
|            | black   |        | 22307230-39 |          |                          |

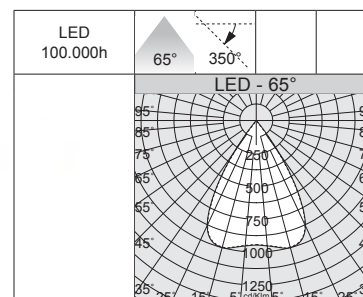
Complete with power cable.

IP40 IK07



**Comfort optics:** in black/white anti-glare polycarbonate for improved visual comfort (DARK metallized colour version are available upon request).

**LED:** luminous flux maintenance 80%: 100.000h (L80B10).  
Power factor  $\geq 0.92$ .

**Liset 2.0 tabletop - adjustable - comfort optics**

|                     |         | CLD    |             | W tot     | LUMEN OUTPUT (tq= 25 °C) |
|---------------------|---------|--------|-------------|-----------|--------------------------|
| LED                 | housing | weight | code        |           | K - ølm - CRI            |
| <b>LED 7 lenses</b> | white   | 2,70   | 22307310-00 | <b>11</b> | 4000K - 1554lm - CRI>80  |
|                     | black   |        | 22307330-00 |           |                          |
| <b>LED 7 lenses</b> | white   | 2,70   | 22307310-39 | <b>11</b> | 3000K - 1445lm - CRI>80  |
|                     | black   |        | 22307330-39 |           |                          |

Complete with power cable.





**Housing:** extruded aluminium.

**Roll diffuser :** opal/prismatic polycarbonate (to be purchased separately).

**Coating:** polyester resin-based powder coating, UV stabilised.

**Équipement:** supplied standard, versions complete with mounting brackets for installation as pendant lamps (suspensions to be purchased separately) and as ceiling fixtures.

**LED: power factor:**  $\geq 0,92$

Luminous flux maintenance 80%: 80.000h (L80B10).

Photobiological safety class: exempt group

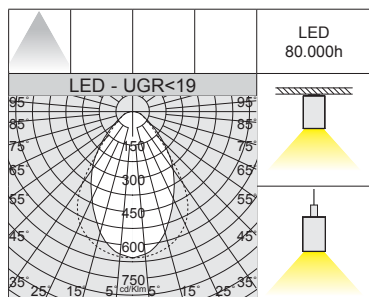
**Upon request** version:

- emergency wiring **CLD E** with **sub-code -09**.
- emergency wiring with centralized power supply **CLD EC** with **sub-code -0050**.
- **CLD D-D (DALI)** wiring with **sub-code -1241**.
- white colour.

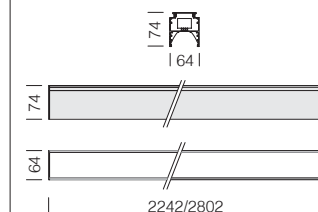
To be completed with acc.:  
22028031-00 end cap



\*\*Lumen output with prismatic roll diffuser.



IP40IK07 if complete with roll diffuser



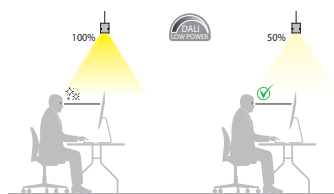
### Sintesi "INFINITY" DIP SWITCH - suspension/ceiling - to be completed with roll diffuser

| LED | colour | L (mm) | weight | CLD           |       | **LUMEN OUTPUT (tq= 25 °C) |                         |
|-----|--------|--------|--------|---------------|-------|----------------------------|-------------------------|
|     |        |        |        | code          | I out | W tot                      | K - ølm - CRI           |
| LED | black  | 2242   | 3,50   | 22011730-0072 | 1000  | 36                         | 4000K - 4433lm - CRI>80 |
|     |        |        |        | 22011730-3972 |       |                            | 3000K - 4211lm - CRI>80 |

| LED | colour | L (mm) | weight | CLD           |       | **LUMEN OUTPUT (tq= 25 °C) |                         |
|-----|--------|--------|--------|---------------|-------|----------------------------|-------------------------|
|     |        |        |        | code          | I out | W tot                      | K - ølm - CRI           |
| LED | black  | 2802   | 4,50   | 22011731-0072 | 1250  | 45                         | 4000K - 5541lm - CRI>80 |
|     |        |        |        | 22011731-3972 |       |                            | 3000K - 5264lm - CRI>80 |

"INFINITY" light module that enables continuous and uninterrupted light lines. To be completed with:

- end cap and brackets for continuous light line
- **UGR<19 prismatic polycarbonate roll** diffuser ideal for installations in schools or offices with VDU terminals
- **opal polycarbonate roll** diffuser ideal for installations in common areas or general room such as homes, hotels, sleeping rooms...



#### DIP SWITCH SETTING

|       |       | LUMEN OUTPUT (tq= 25 °C) |  |
|-------|-------|--------------------------|--|
| I out | W tot | K - ølm - CRI            |  |
| 600   | *22   | 4000K - 2800lm - CRI>80  |  |
| 800   | 29    | 4000K - 3580lm - CRI>80  |  |
| 1000  | 36    | 4000K - 4433lm - CRI>80  |  |

#### DIP SWITCH SETTING

|       |       | LUMEN OUTPUT (tq= 25 °C) |  |
|-------|-------|--------------------------|--|
| I out | W tot | K - ølm - CRI            |  |
| 600   | *22   | 3000K - 2620lm - CRI>80  |  |
| 800   | 29    | 3000K - 3401lm - CRI>80  |  |
| 1000  | 36    | 3000K - 4211lm - CRI>80  |  |

#### DIP SWITCH SETTING

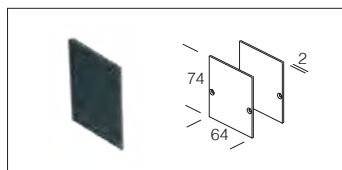
|       |       | LUMEN OUTPUT (tq= 25 °C) |  |
|-------|-------|--------------------------|--|
| I out | W tot | K - ølm - CRI            |  |
| 800   | *29   | 4000K - 3500lm - CRI>80  |  |
| 1000  | 36    | 4000K - 4440lm - CRI>80  |  |
| 1250  | 45    | 4000K - 5541lm - CRI>80  |  |

#### DIP SWITCH SETTING

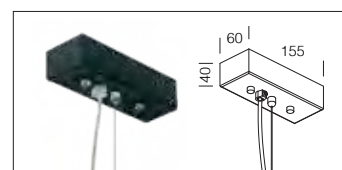
|       |       | LUMEN OUTPUT (tq= 25 °C) |  |
|-------|-------|--------------------------|--|
| I out | W tot | K - ølm - CRI            |  |
| 800   | *29   | 3000K - 3325lm - CRI>80  |  |
| 1000  | 36    | 3000K - 4218lm - CRI>80  |  |
| 1250  | 45    | 3000K - 5264lm - CRI>80  |  |

## ACCESSORIES AND CONTINUOUS LINE INSTALLATION

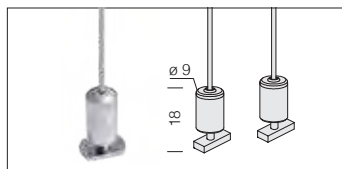
| End cap                                           |             |
|---------------------------------------------------|-------------|
| black                                             | 22028031-00 |
| To be used to close the two terminal ends (2pcs). |             |



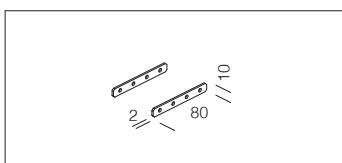
| Powered suspension with wire                                                                                                                        |                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 3P                                                                                                                                                  | black 22003130-00 |
| 5P                                                                                                                                                  | black 22003121-00 |
| Supplied with steel wire (L = 150cm) and millimetre adjustment device and power cord. 5P suspension for EM and DIMM DALI versions. Max load: 20 kg. |                   |



| Suspension                                                                                   |             |
|----------------------------------------------------------------------------------------------|-------------|
| galvanised                                                                                   | 22003166-00 |
| Supplied with steel wire (L=150 cm) and millimetre adjustment device (2pcs). Max load: 20Kg. |             |



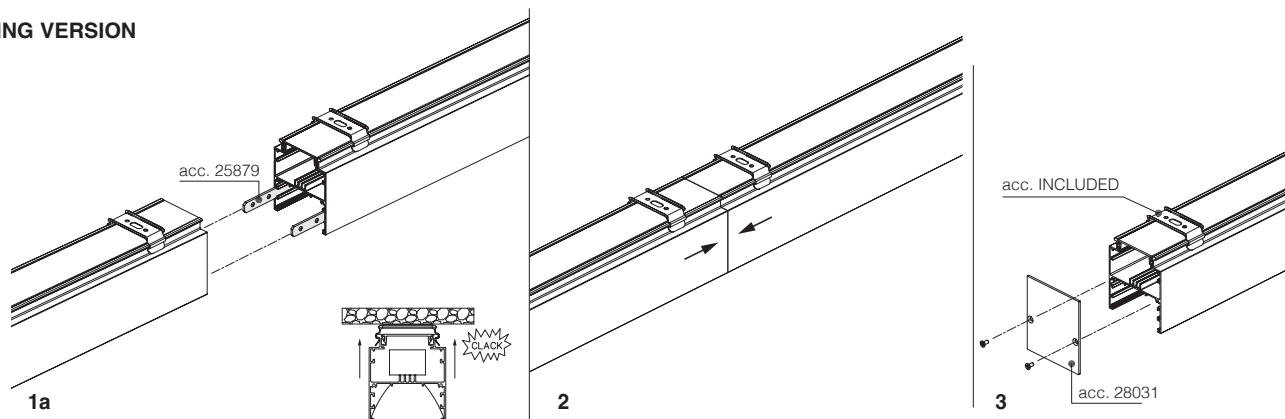
| Junction brackets                                                              |             |
|--------------------------------------------------------------------------------|-------------|
|                                                                                | 22025879-00 |
| Utilize for the suspension/ceiling installation in continuous line of Sintesi. |             |



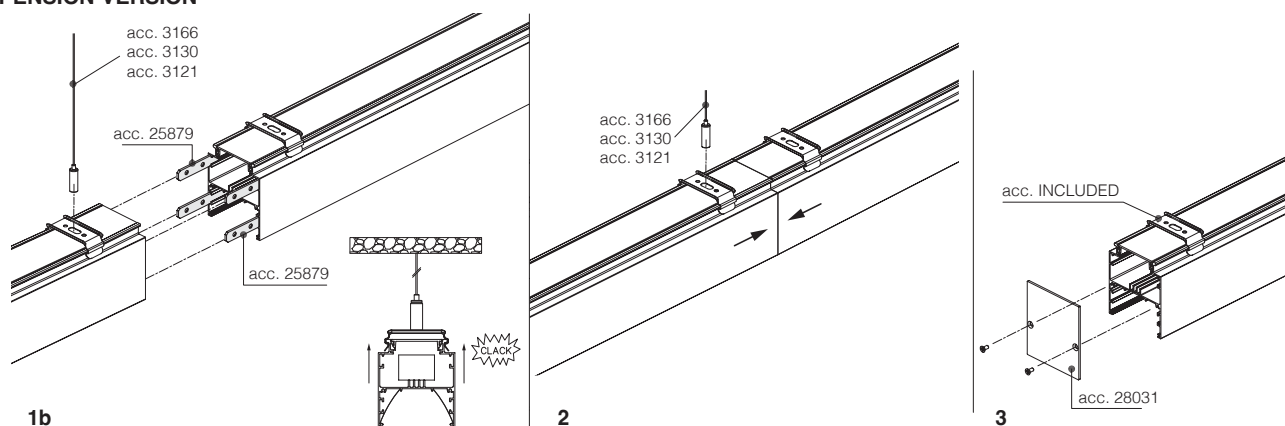
## Installation sequence:

- 1) Insert acc. junction bracket to be purchased separately (purchase nr.2 acc. junction bracket for *suspension* version)
- 2) Pair the luminaires until they are aligned, then tighten the locking screws.
- 3) Screw the locking screws and lock the end cap.

## CEILING VERSION

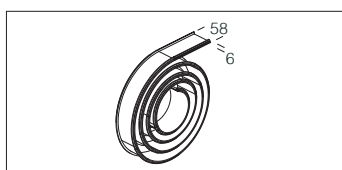


## SUSPENSION VERSION



Sintesi "INFINITY" with pass-through wiring with subcode -0072 to be completed with acc. opal/prismatic diffuser Roll.

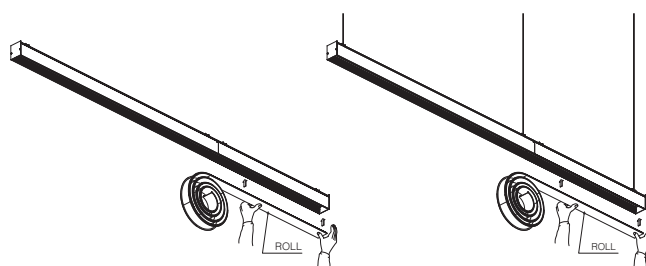
| Opal polycarbonate Roll                                                                                               |             |
|-----------------------------------------------------------------------------------------------------------------------|-------------|
| L = 30m                                                                                                               | 22025844-00 |
| Opal polycarbonate Roll must always be used on Sintesi "INFINITY" for continuous and uninterrupted "all light" lines. |             |



| UGR<19 prismatic polycarbonate roll                                                                                        |             |
|----------------------------------------------------------------------------------------------------------------------------|-------------|
| L = 30m                                                                                                                    | 22025844-33 |
| Prismatic polycarbonate roll must always be used on Sintesi "INFINITY" for continuous and uninterrupted "all light" lines. |             |

Roll order example

| Sintesi "INFINITY"    | Roll    |
|-----------------------|---------|
| L = 2242mm (x 13 pcs) | L = 30m |
| L = 2802mm (x 10 pcs) | L = 30m |



CEILING VERSION

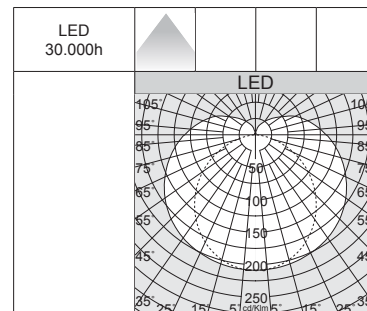
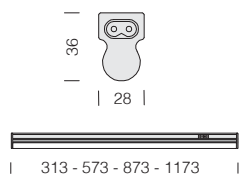
SUSPENSION VERSION







IP20 IK04



Power cable included



Compact, clean-cut and easy-to-install lamp, even in continuous line, thanks to the supplied accessories. It is ideal for the general lighting of interiors (entrance halls, corridors, basements, stairways) and can be easily fitted under kitchen cabinets, above bathroom mirrors, inside wardrobes, walk-in closets, corridors, etc.

**Housing:** in polycarbonate.

**Diffusore:** in polycarbonate.

**Equipment:** complete with ON/OFF switch and power cable

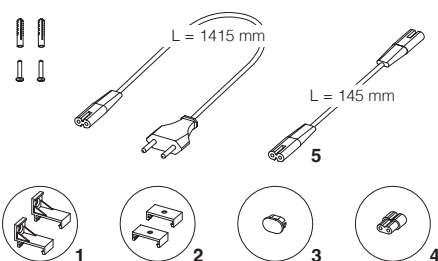
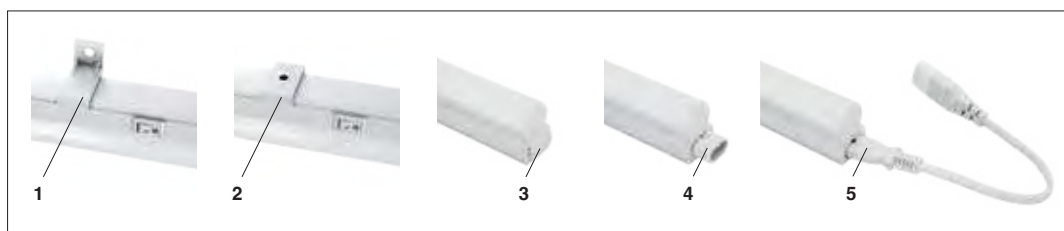
**LED:** luminous flux maintenance 70%: 30.000h (L70B50).

## BoreaLED

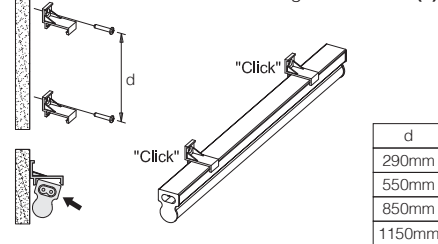
|     |        | CLD    |      |             | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|--------|--------|------|-------------|-------|--------------------------|
| LED | colour | weight | L mm | code        |       | K - ølm - CRI            |
| LED | white  | 0,20   | 313  | 22321010-00 | 4     | 4000K - 441lm - CRI>80   |
|     |        |        |      | 22321010-39 |       | 3000K - 410lm - CRI>80   |
| LED | white  | 0,20   | 573  | 22321011-00 | 8     | 4000K - 883lm - CRI>80   |
|     |        |        |      | 22321011-39 |       | 3000K - 821lm - CRI>80   |
| LED | white  | 0,30   | 873  | 22321012-00 | 11    | 4000K - 1215lm - CRI>80  |
|     |        |        |      | 22321012-39 |       | 3000K - 1130lm - CRI>80  |
| LED | white  | 0,30   | 1173 | 22321013-00 | 14    | 4000K - 1546lm - CRI>80  |
|     |        |        |      | 22321013-39 |       | 3000K - 1438lm - CRI>80  |

Other installation accessories included:

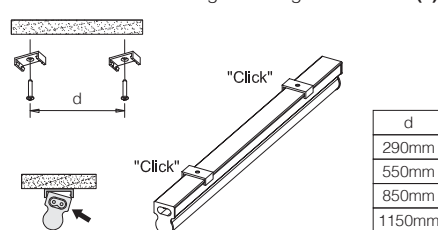
- 1) bracket for wall mounting
- 2) bracket for ceiling mounting
- 3) end cap
- 4) connector for continuous line mounting
- 5) connector with wire for continuous line mounting



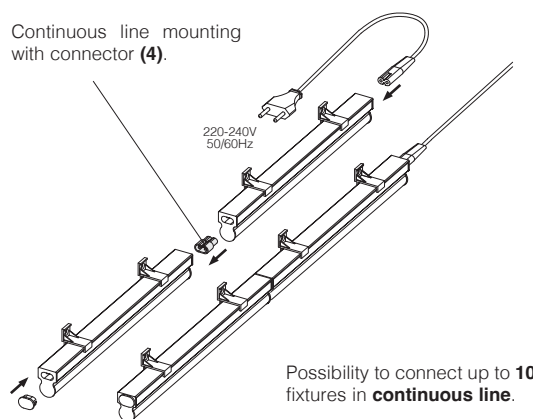
Wall mounting with bracket (1).



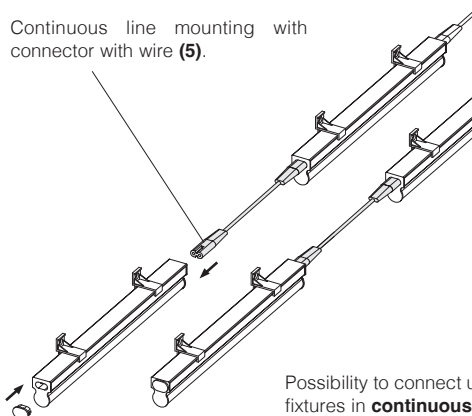
Ceiling mounting with bracket (2).



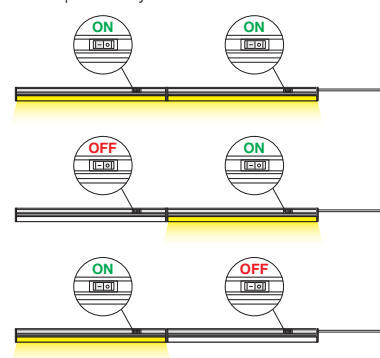
Continuous line mounting with connector (4).



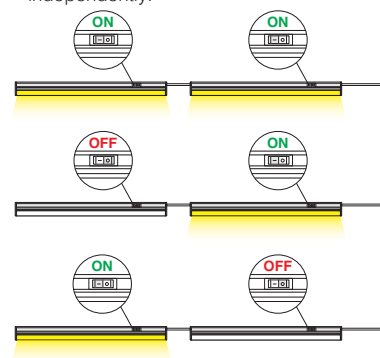
Continuous line mounting with connector with wire (5).



Possibility to switch lights ON/OFF independently.



Possibility to switch lights ON/OFF independently.





**Housing:** painted anodised aluminium body for external installation including stainless steel headpieces and equipped with **IP67 quick connector**.

**Internal diffuser:** opal PMMA tube.

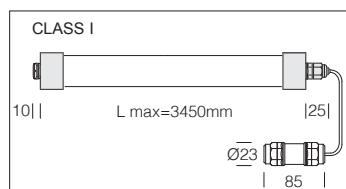
**External diffuser:** UV-stabilised and shock-proof clear PMMA tube.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).

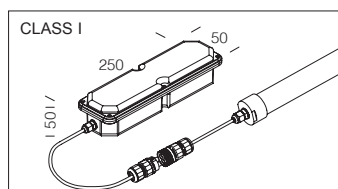
**Upon request:**

- version with LED Strip 24V. L max = 3450mm.
  - version with CASAMBI automation lighting control system.
- For further information see chapter *Technical components*.

### DRIVER - IP BOX

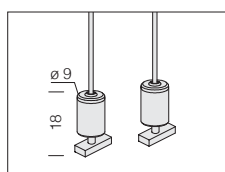


| IP67 Driver for version upon request with 24V Strip LED |             |
|---------------------------------------------------------|-------------|
| wattage                                                 | code        |
| 100W                                                    | 22092036-00 |
| 150W                                                    | 22092038-00 |
| 220-240V 50-60Hz/24Vdc                                  |             |

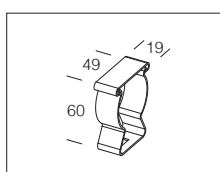


| IP65 box for 700mA standard version |             |
|-------------------------------------|-------------|
| wattage                             | code        |
| 34W                                 | 22092055-00 |

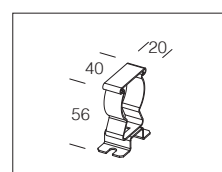
### INSTALLATIONS AND ACCESSORIES



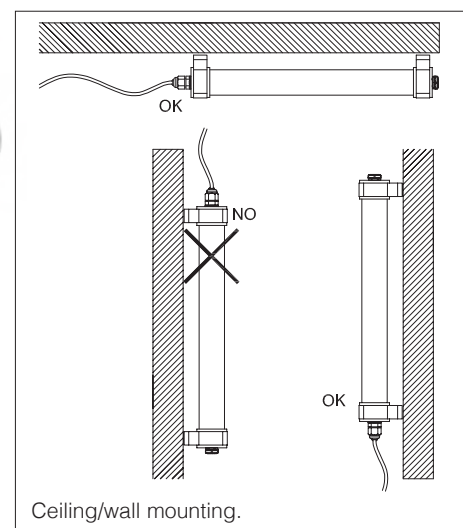
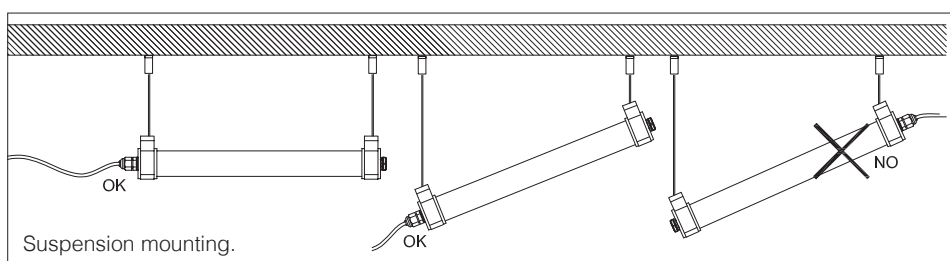
| Suspension                                                                                   |             |
|----------------------------------------------------------------------------------------------|-------------|
| galvanised                                                                                   | 22003166-00 |
| Supplied with steel wire (L=150 cm) and millimetre adjustment device (2pcs). Max load: 20Kg. |             |

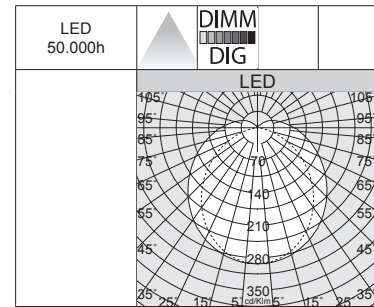
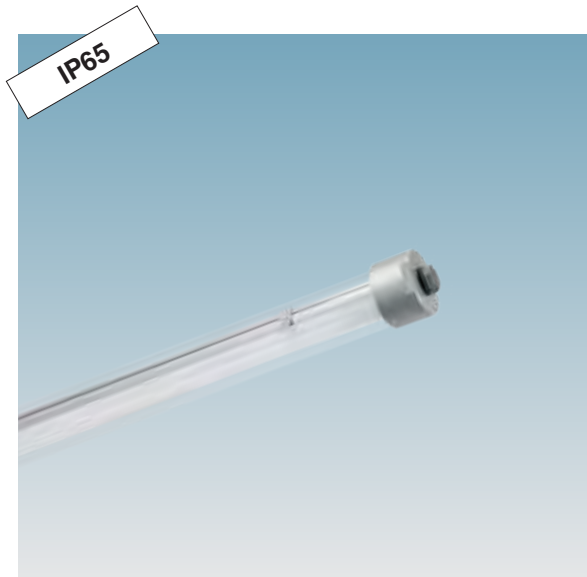
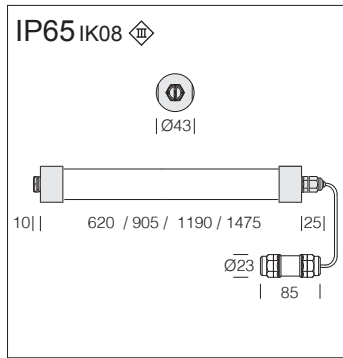


| Fixed bracket for Micro Liset                         |             |
|-------------------------------------------------------|-------------|
| inox                                                  | 22025961-00 |
| To be used to install Micro Liset. Contains 2 pieces. |             |



| Fixed intermediate bracket for Micro Liset                  |             |
|-------------------------------------------------------------|-------------|
| inox                                                        | 22025979-00 |
| To be used to install Micro Liset with lengths over 1500mm. |             |

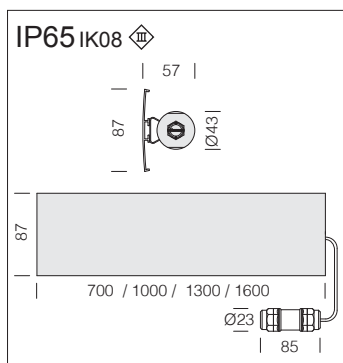




| Micro Liset - cylindrical - PROFESSIONAL |                 |         |        |                     |                       |           |                          |
|------------------------------------------|-----------------|---------|--------|---------------------|-----------------------|-----------|--------------------------|
|                                          |                 | CLD S+L |        | CLD D-DIG (DALI)*   |                       |           | LUMEN OUTPUT (tq= 25 °C) |
| LED                                      | colour          | L (mm)  | weight | code                | code                  | W tot     | K - ølm (700mA) - CRI    |
| <b>36 LED</b>                            | nat. oxi. alum. | 620     | 0,60   | 2201 <b>3070-68</b> | 2201 <b>3070-6841</b> | <b>13</b> | 4000K - 1606lm - CRI>80  |
|                                          |                 |         |        | 2201 <b>3070-00</b> | 2201 <b>3070-1241</b> |           | 3000K - 1501lm - CRI>80  |
| <b>54 LED</b>                            | nat. oxi. alum. | 905     | 0,80   | 2201 <b>3071-68</b> | 2201 <b>3071-6841</b> | <b>19</b> | 4000K - 2410lm - CRI>80  |
|                                          |                 |         |        | 2201 <b>3071-00</b> | 2201 <b>3071-1241</b> |           | 3000K - 2252lm - CRI>80  |
| <b>72 LED</b>                            | nat. oxi. alum. | 1190    | 0,90   | 2201 <b>3072-68</b> | 2201 <b>3072-6841</b> | <b>25</b> | 4000K - 3212lm - CRI>80  |
|                                          |                 |         |        | 2201 <b>3072-00</b> | 2201 <b>3072-1241</b> |           | 3000K - 3002lm - CRI>80  |
| <b>90 LED</b>                            | nat. oxi. alum. | 1475    | 1,10   | 2201 <b>3073-68</b> | 2201 <b>3073-6841</b> | <b>31</b> | 4000K - 4017lm - CRI>80  |
|                                          |                 |         |        | 2201 <b>3073-00</b> | 2201 <b>3073-1241</b> |           | 3000K - 3754lm - CRI>80  |

For standard version of Micro Liset (L max=1475mm) use IP65 - 700mA power supply box: 34W cod. 220**92055-00**; for special Micro Liset (L >1475mm) use IP67-24V driver : 100W cod. 220**92036-00** - 150W cod. 220**92038-00**.

\* **CLD D-DIG** version equipped with DALI driver.



Version with aluminium screen, ideal for reducing glare and creating striking lighting effects. Fixed bracket code 220**25961**-00 to be purchased separately.



| Micro Liset COVER - cylindrical - PROFESSIONAL |        |         |        |             |                   |       |                         |                          |
|------------------------------------------------|--------|---------|--------|-------------|-------------------|-------|-------------------------|--------------------------|
|                                                |        | CLD S+L |        |             | CLD D-DIG (DALI)* |       |                         | LUMEN OUTPUT (tq= 25 °C) |
| LED                                            | colour | L       | weight | code        | code              | W tot | K - ølm (700mA) - CRI   |                          |
| 36 LED                                         | grey   | 700     | 0,60   | 22013074-68 | 22013074-6841     | 13    | 4000K - 1606lm - CRI>80 |                          |
|                                                |        |         |        | 22013074-00 | 22013074-1241     |       | 3000K - 1501lm - CRI>80 |                          |
| 54 LED                                         | grey   | 1000    | 0,80   | 22013075-68 | 22013075-6841     | 19    | 4000K - 2410lm - CRI>80 |                          |
|                                                |        |         |        | 22013075-00 | 22013075-1241     |       | 3000K - 2252lm - CRI>80 |                          |
| 72 LED                                         | grey   | 1300    | 0,90   | 22013076-68 | 22013076-6841     | 25    | 4000K - 3212lm - CRI>80 |                          |
|                                                |        |         |        | 22013076-00 | 22013076-1241     |       | 3000K - 3002lm - CRI>80 |                          |
| 90 LED                                         | grey   | 1600    | 1,10   | 22013077-68 | 22013077-6841     | 31    | 4000K - 4017lm - CRI>80 |                          |
|                                                |        |         |        | 22013077-00 | 22013077-1241     |       | 3000K - 3754lm - CRI>80 |                          |

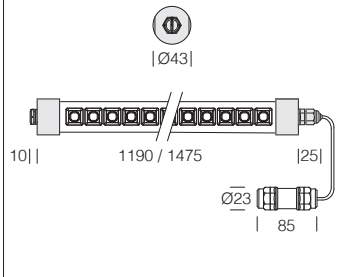
For standard version of Micro Liset (L max=1600mm) use IP65 - 700mA power supply box: 34W cod. 220**92055**-00; for special Micro Liset (L >1600mm) use IP67-24V driver: 100W cod. 220**92036**-00 - 150W cod. 220**92038**-00.

\* **CLD D-DIG** version equipped with DALI driver. **Upon request:** versions available in different colours and surface finishes to coordinate with any architectural design (example white, black).

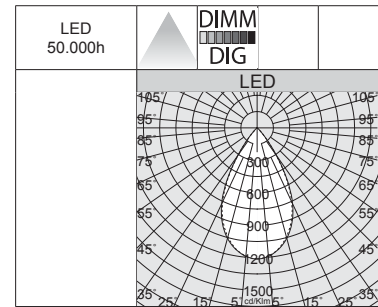




IP65 IK08



**LED:** luminous flux maintenance 80%: 50.000h (L80B20).



### Micro Liset - cylindrical with LENSES - PROFESSIONAL

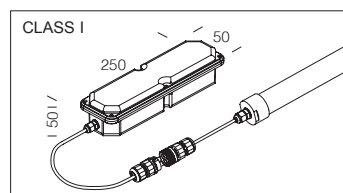
| LED           | colour          | CLD S+L |       | CLD D-DIG (DALI)* |               | W tot | LUMEN OUTPUT (tq= 25 °C)          |
|---------------|-----------------|---------|-------|-------------------|---------------|-------|-----------------------------------|
|               |                 | L       | poids | code              | code          |       | K - ølm (500mA) - CRI             |
| LED 4 modules | nat. oxi. alum. | 1190    | 1,00  | 22013078-68       | 22013078-6841 | 22    | 4000K - 2809lm - CRI>80 - 60°x60° |
|               |                 |         |       | 22013078-00       | 22013078-1241 |       | 3000K - 2669lm - CRI>80 - 60°x60° |
| LED 5 modules | nat. oxi. alum. | 1475    | 1,50  | 22013079-68       | 22013079-6841 | 22    | 4000K - 2883lm - CRI>80 - 60°x60° |
|               |                 |         |       | 22013079-00       | 22013079-1241 |       | 3000K - 2739lm - CRI>80 - 60°x60° |

For standard version of Micro Liset (L max=1475mm) use IP65 - 500mA power supply box: 22W cod. 22092057-00.

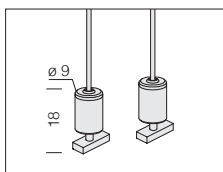
\* CLD D-DIG version equipped with DALI driver.

### IP BOX

| IP65 box for 500mA standard version |             |
|-------------------------------------|-------------|
| wattage                             | code        |
| 22W                                 | 22092057-00 |

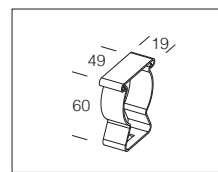


### INSTALLATIONS AND ACCESSORIES

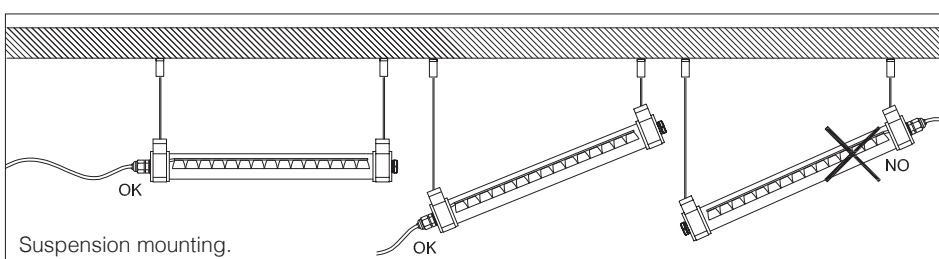
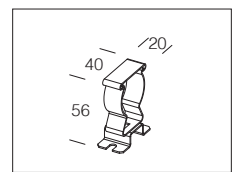


| Suspension                                                                                   |             |
|----------------------------------------------------------------------------------------------|-------------|
| galvanised                                                                                   | 22003166-00 |
| Supplied with steel wire (L=150 cm) and millimetre adjustment device (2pcs). Max load: 20Kg. |             |

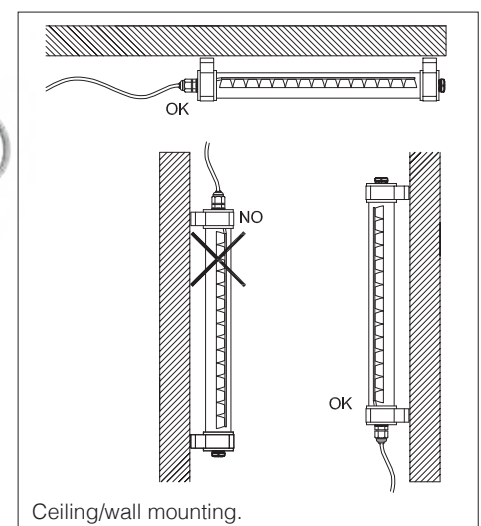
| Fixed bracket for Micro Liset                         |             |
|-------------------------------------------------------|-------------|
| inox                                                  | 22025961-00 |
| To be used to install Micro Liset. Contains 2 pieces. |             |



| Fixed intermediate bracket for Micro Liset                  |             |
|-------------------------------------------------------------|-------------|
| inox                                                        | 22025979-00 |
| To be used to install Micro Liset with lengths over 1500mm. |             |

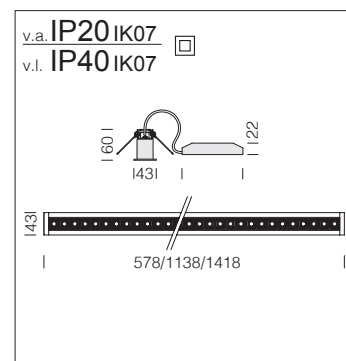
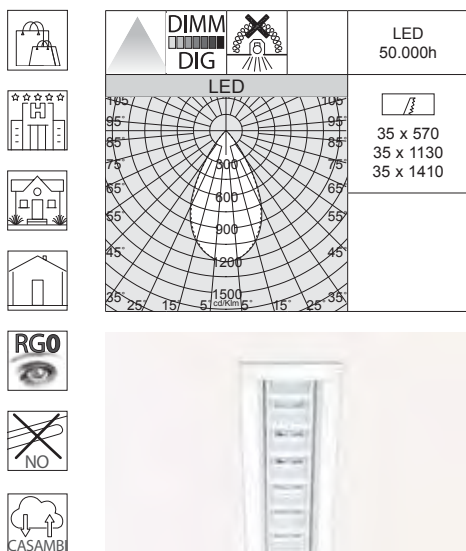


Suspension mounting.



Ceiling/wall mounting.



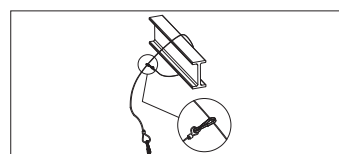


Micro Liset Professional with lens, extruded aluminium, featuring end caps and springs for recessed installation in plasterboard ceilings.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).

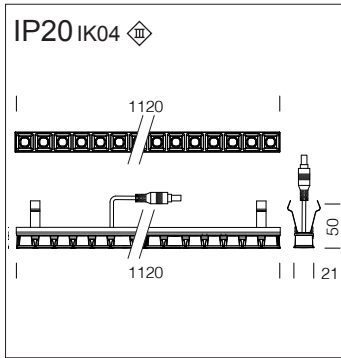
| Micro Liset - recessed with LENSES - PROFESSIONAL |         |        |        |             |                  |       |                         |                          |
|---------------------------------------------------|---------|--------|--------|-------------|------------------|-------|-------------------------|--------------------------|
|                                                   |         | CLD    |        |             | CLD D-DIG (DALI) |       |                         | LUMEN OUTPUT (tq= 25 °C) |
| LED                                               | housing | L (mm) | weight | code        | code             | W tot | K - ølm - CRI           |                          |
| LED 28 lenses                                     | white   | 578    | 0,80   | 22013610-00 | 22013610-1241    | 9     | 4000K - 1206lm - CRI>80 |                          |
| LED 56 lenses                                     |         | 1138   | 1,60   | 22013611-00 | 22013611-1241    | 18    | 4000K - 2412lm - CRI>80 |                          |
| LED 70 lenses                                     |         | 1418   | 2,00   | 22013612-00 | 22013612-1241    | 22    | 4000K - 2948lm - CRI>80 |                          |
| Unop request: 3000K version with subcode -39      |         |        |        |             |                  |       |                         |                          |

Upon request: 3000K version with subcode **-39**.



| Safety cord                                                                                  |
|----------------------------------------------------------------------------------------------|
| 2200 <b>4112</b> -00                                                                         |
| Steel safety cord, to be used for safety installation of the fixtures inside false ceilings. |





Micro Liset Professional with lenses, complete with springs for installation in slats and steel safety cable.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).

**Upon request:** 1h EM version (**EM (emergency) power KIT** complete with connectors cod. 220**96035**-00 to be purchased separately).



**Upon request:** available special version of **Microliset with lenses** complete with slats.



### Micro Liset - recessed in slats with LENSES - PROFESSIONAL

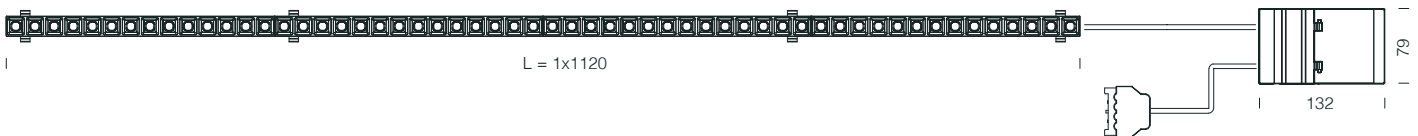
|                 |        | CLD S+L |        |             | LUMEN OUTPUT (tq= 25 °C) |                           |
|-----------------|--------|---------|--------|-------------|--------------------------|---------------------------|
| LED (400mA)     | colour | L       | weight | code        | W tot                    | K - ølm (400mA) - CRI     |
| LED 56 lenses   | white  | 1x1120  | 0,60   | 22013710-68 | 16                       | 4000K - 2414lm - CRI>80   |
|                 |        |         |        | 22013710-00 |                          | 3000K - 2493lm - CRI>80   |
| LED (2x400mA)   | colour | L       | weight | code        | W tot                    | K - ølm (2x400mA) - CRI   |
| LED 2x56 lenses | white  | 2x1120  | 1,10   | 22013711-68 | 32                       | 4000K - 2x2414lm - CRI>80 |
|                 |        |         |        | 22013711-00 |                          | 3000K - 2x2293lm - CRI>80 |

**ON-OFF or DALI driver** to be purchased separately

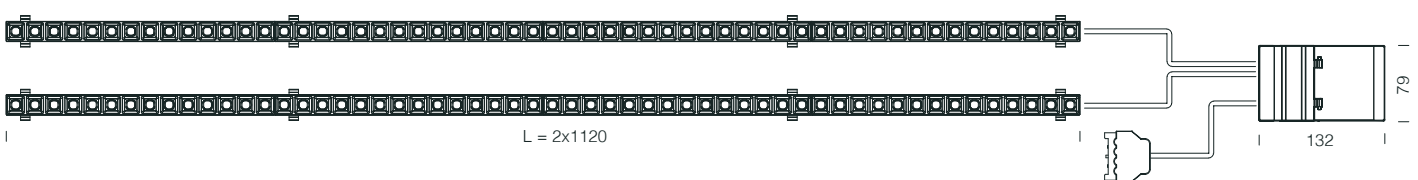
|                                                  |
|--------------------------------------------------|
| ON-OFF or DALI driver to be purchased separately |
|--------------------------------------------------|

**DRIVER**

1x



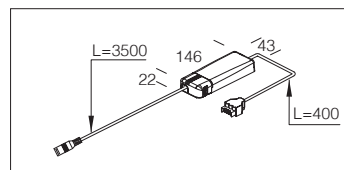
**2x**



### ON/OFF Driver - 400mA

|            |                      |
|------------|----------------------|
| wattage    | code                 |
| <b>22W</b> | 220 <b>90723</b> -00 |

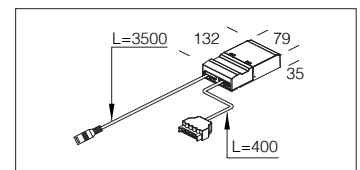
Driver complete with a connection plug featuring a protective cover and EPN3MO cable clamp with male thread.



### DAI Driver - 400mA

|            |                      |
|------------|----------------------|
| wattage    | code                 |
| <b>22W</b> | <b>22090723-1241</b> |

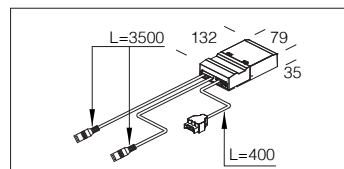
Driver complete with a connection plug featuring a protective cover and EPN5MO cable clamp with male thread.



### ON/OFF Driver - 2x400mA

|            |                      |
|------------|----------------------|
| wattage    | code                 |
| <b>40W</b> | 220 <b>90724</b> -00 |

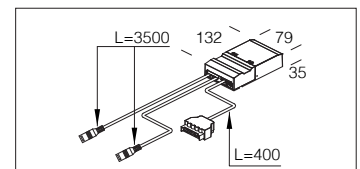
Driver complete with a connection plug featuring a protective cover and EPN3MO cable clamp with male thread.



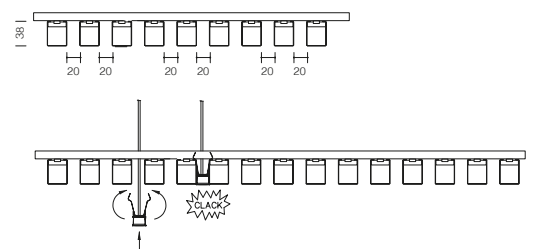
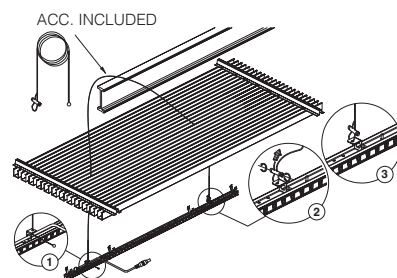
**DALI Driver - 2x400mA**

|            |                      |
|------------|----------------------|
| wattage    | code                 |
| <b>40W</b> | <b>22090724-1241</b> |

Driver complete with a connection plug featuring a protective cover and EPN5MO cable clamp with male thread.



## INSTALLATIONS AND ACCESSORIES



Range of profiles in extruded aluminium for the installation of Strip LED. Their easy installation and linear design ensure multiple applications with an architectonic effect.

**Housing:** in extruded aluminium.

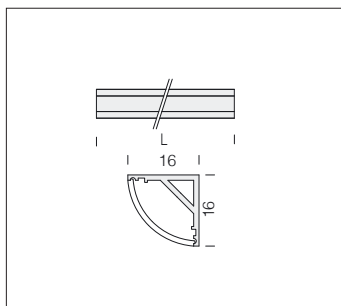
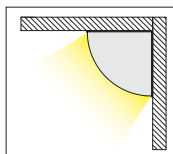
**Diffusor:** opal.

**Accessories always included:** end caps, connectors to ceiling and/or walls.



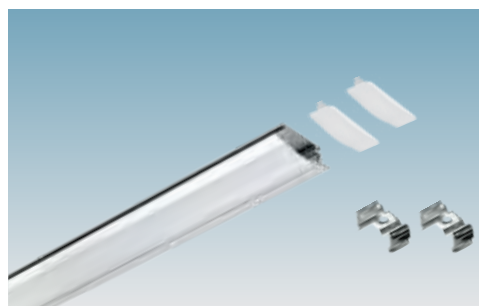
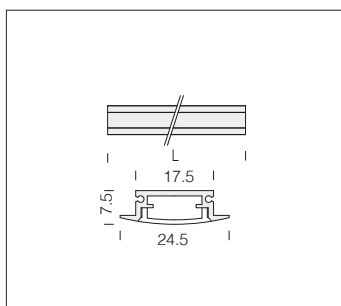
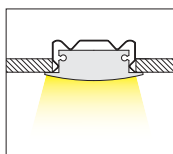
| A Profile - angular |      |             |
|---------------------|------|-------------|
| S                   |      |             |
| colour              | L mm | code        |
| nat. oxi.           | 2000 | 22012210-00 |

To be used with IP20 STRIP.



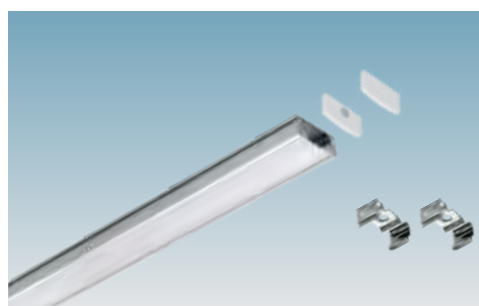
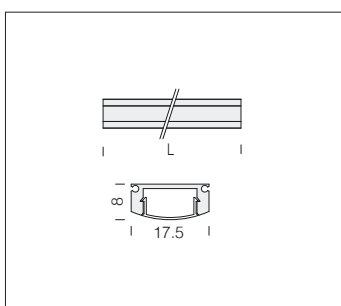
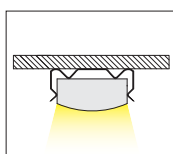
| B Profile - recessed |      |             |
|----------------------|------|-------------|
| S                    |      |             |
| colour               | L mm | code        |
| nat. oxi.            | 2000 | 22012211-00 |

To be used with IP20 STRIP.



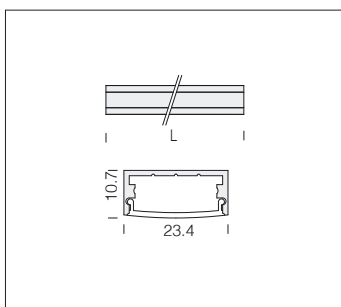
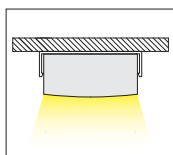
| C Profile |      |             |
|-----------|------|-------------|
| S         |      |             |
| colour    | L mm | code        |
| nat. oxi. | 2000 | 22012212-00 |

To be used with IP20 STRIP.



| D Profile |      |             |
|-----------|------|-------------|
| S         |      |             |
| colour    | L mm | code        |
| nat. oxi. | 2000 | 22012213-00 |

To be used with IP20/IP65 STRIP.

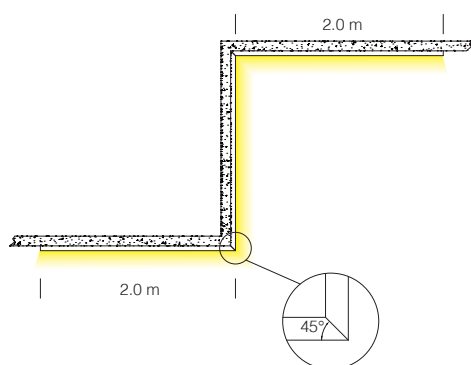


Range of profiles of different shapes used to house the LED strips, specifically designed to meet multiple lighting applications.

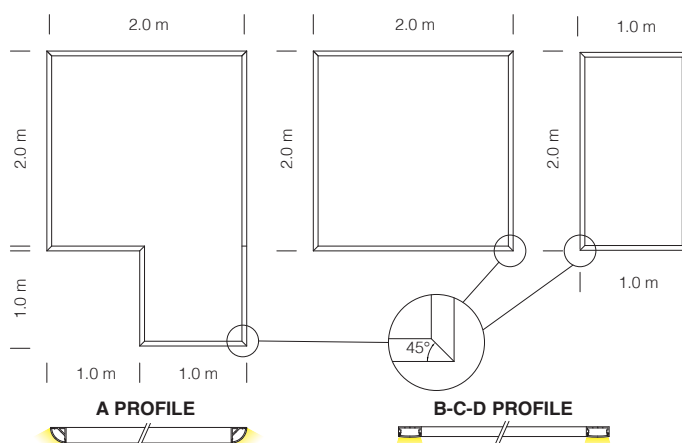
## ATTENTION:

- A-B-C-D profile can house all CRI 80 and CRI 90 - IP20 adhesive LED Strips featured in this section of the catalogue (see following page).
- D profile can house all CRI 80 and CRI 90 - IP65 adhesive LED Strips featured in this section of the catalogue (see following page).

Example of application with  
CEILING/WALL B-C-D PROFILE



Example of application with  
CEILING/SUSPENSION A-B-C-D PROFILE



A PROFILE

B-C-D PROFILE





**Description:** Strips to be applied on smooth, clean and dry surfaces with 3M adhesive tape.

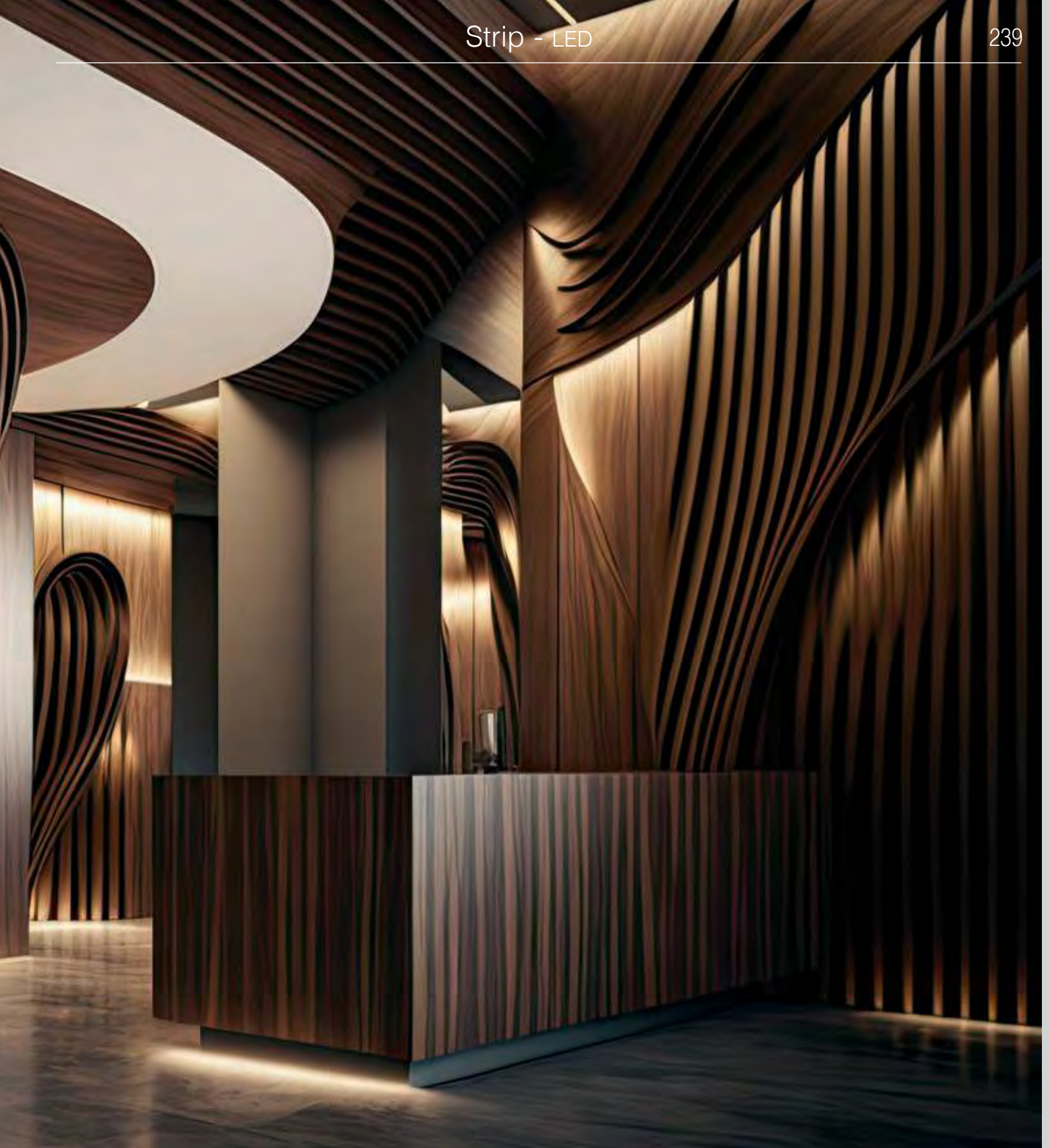
Avoid installation on sharp surfaces and pay attention not to damage components.

The product is supplied in 5-meter strips wrapped around support rolls, including a package containing connection accessories.

Strips can be cut at preset distances. For intermediate cuts, use the end caps included in the package and make sure that all cut ends are perfectly sealed.

Fosnova does not take responsibility for cuts made after the material has been delivered.

**Upon request:** version with CASAMBI automation lighting control system.  
For further information see chapter *Technical components*.







**Strip LED:** 24 V constant voltage stripe, ideal for application on aluminum extrusions but also for various decorative lighting applications such as cove lighting, façade accent lighting etc.

**Features and benefits :**

- Extremely narrow pitch distance enables short distance to diffuser and outstanding homogeneity
- High colour rendering, **CRI>90**
- Luminous flux range of 600, 1,200, 1,800 and 2,500 lm/m
- Colour temperature 3,000, 4,000 K
- High design freedom due to 5 cm cut-options
- Self-adhesive 3M tape at the backside for simple mounting on different surfaces
- PCB to PCB and wire to PCB connectors for toolless handling and connection
- Small colour tolerance (MacAdam 3)
- Life-time 60,000 hours
- System solution in combination with constant voltage LED Driver (fixed output and dimmable)
- **Connector not included**

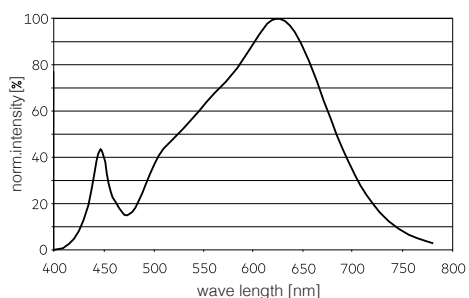
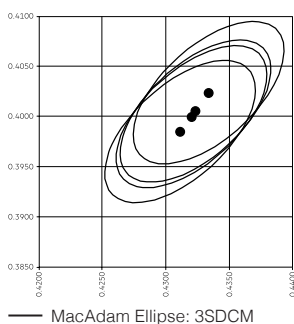
**Technical data**

|                                  |                |
|----------------------------------|----------------|
| Beam characteristic              | 120°           |
| Ambient temperature range        | -25 ... +50 °C |
| tp rated / tc                    | 65 °C / 75 °C  |
| Supply voltage DC                | 24 V           |
| Supply voltage range DC (1)      | 21,6 – 26,4 V  |
| Insulation test voltage          | 0,5 kV         |
| Risk group (EN 62471:2008)       | 0              |
| Classification acc. to IEC 62031 | Built-in       |
| Type of protection               | IP00           |

(1) Exceeding the max. operating voltage leads to an overload on the Strip. This may in turn result in a significant reduction in life-time or even in destruction.

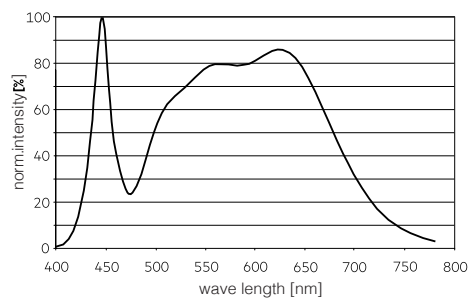
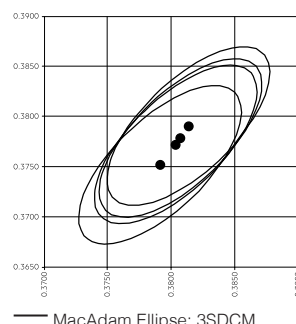
3,000 K – CRI90

|                   | x0     | y0     |
|-------------------|--------|--------|
| Centre 600 lm/m   | 0.4311 | 0.3985 |
| Centre 1,200 lm/m | 0.4323 | 0.4005 |
| Centre 1,800 lm/m | 0.4327 | 0.4012 |
| Centre 2,500 lm/m | 0.4334 | 0.4024 |

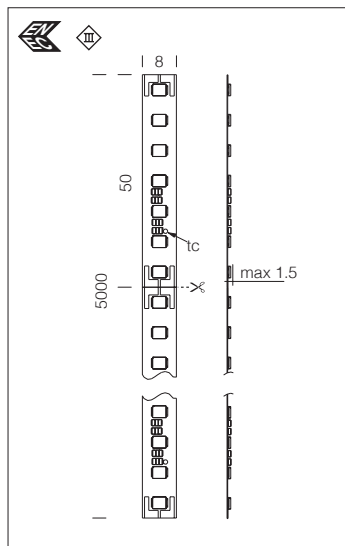


4,000 K – CRI90

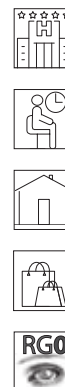
|                   | x0     | y0     |
|-------------------|--------|--------|
| Centre 600 lm/m   | 0.3791 | 0.3752 |
| Centre 1,200 lm/m | 0.3803 | 0.3772 |
| Centre 1,800 lm/m | 0.3807 | 0.3779 |
| Centre 2,500 lm/m | 0.3814 | 0.3791 |







CRI&gt;90



## Luminous flux maintenance:

|     |                    |         |
|-----|--------------------|---------|
| 80% | L80B50 (tp= 65 °C) | 60.000h |
|-----|--------------------|---------|

## Strip - LED 24V - CRI&gt;90

| CLD S+L |        |             |             |     |                       |           |
|---------|--------|-------------|-------------|-----|-----------------------|-----------|
| LED     | colour | tot. lenght | code        | W/m | K - CRI - degrees     | ølm/m     |
| LED     | white  | 5 m         | 22485413-00 | 6   | 3000K - CRI>90 - 120° | 600 lm/m  |
|         |        |             | 22485414-00 |     | 4000K - CRI>90 - 120° |           |
| LED     | white  | 5 m         | 22485513-00 | 11  | 3000K - CRI>90 - 120° | 1200 lm/m |
|         |        |             | 22485514-00 |     | 4000K - CRI>90 - 120° |           |
| LED     | white  | 5 m         | 22485613-00 | 16  | 3000K - CRI>90 - 120° | 1800 lm/m |
|         |        |             | 22485614-00 |     | 4000K - CRI>90 - 120° |           |
| LED     | white  | 5 m         | 22485713-00 | 22  | 3000K - CRI>90 - 120° | 2500 lm/m |
|         |        |             | 22485714-00 |     | 4000K - CRI>90 - 120° |           |

## CONNECTOR AND DRIVER



## Plug connector with wire

|       |             |
|-------|-------------|
| L=500 | 22028212-00 |
|-------|-------------|

Connector complete with wire L = 500mm. Upon request L=100/2000mm.



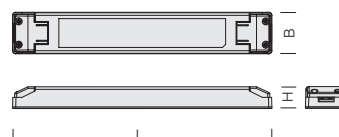
## Continuous line connector

|             |
|-------------|
| 22028213-00 |
|-------------|

To connect Strip-LED in continuous line.

Driver: choose the most suited ones.

Upon request: CASAMBI version



| IP20 Driver - V <sub>in</sub> 100-277V 0/50/60Hz - V <sub>out</sub> 24V DC |                             |             |                     |             |
|----------------------------------------------------------------------------|-----------------------------|-------------|---------------------|-------------|
| type                                                                       | output energy power max (W) | weight (Kg) | size (mm) B - H - L | code        |
| 35W/24V                                                                    | 35W                         | 0,23        | 40 - 21 - 220       | 22090235-00 |
| 60W/24V                                                                    | 60W                         | 0,28        | 40 - 21 - 250       | 22090260-00 |

| IP20 Driver DIMM DALI - V <sub>in</sub> 220-240V 0/50/60Hz - V <sub>out</sub> 24V DC |                             |             |                     |               |
|--------------------------------------------------------------------------------------|-----------------------------|-------------|---------------------|---------------|
| type                                                                                 | output energy power max (W) | weight (Kg) | size (mm) B - H - L | code          |
| 35W/24V                                                                              | 35W                         | 0,15        | 43 - 30 - 195       | 22090235-1241 |
| 60W/24V                                                                              | 60W                         | 0,18        | 43 - 30 - 225       | 22090260-1241 |

| IP20 Driver - V <sub>in</sub> 120-277V 0/50/60Hz - V <sub>out</sub> 24V DC |                             |             |                     |             |
|----------------------------------------------------------------------------|-----------------------------|-------------|---------------------|-------------|
| type                                                                       | output energy power max (W) | weight (Kg) | size (mm) B - H - L | code        |
| 96W/24V                                                                    | 96W                         | 0,34        | 40 - 21 - 300       | 22090296-00 |
| 180W/24V                                                                   | 180W                        | 0,85        | 64 - 31 - 280       | 22090218-00 |

| IP20 Driver DIMM DALI - V <sub>in</sub> 220-240V 0/50/60Hz - V <sub>out</sub> 24V DC |                             |             |                     |               |
|--------------------------------------------------------------------------------------|-----------------------------|-------------|---------------------|---------------|
| type                                                                                 | output energy power max (W) | weight (Kg) | size (mm) B - H - L | code          |
| 100W/24V                                                                             | 100W                        | 0,26        | 43 - 30 - 295       | 22090210-1241 |
| 200W/24V                                                                             | 200W                        | 0,30        | 43 - 30 - 325       | 22090215-1241 |

Connector for connection of LED strip modules:

- Easy assembly: remove adhesive 3M tape on the backside of the LED Strip in the connection area, insert the LED Strip into the connector and lock it by pressing down the top of the connector.
- The insertion length of the LED Strip must be at least 4 mm (cut the LED Strip at the dotted lines).



**Strip LED:** 24 V constant voltage stripe, ideal for application on aluminum extrusions but also for various decorative lighting applications such as cove lighting, façade accent lighting etc.

**Features and benefits :**

- Extremely narrow pitch distance enables short distance to diffuser and outstanding homogeneity
- Luminous flux range of 600, 1,200, 1,800 lm/m
- Colour temperature 3,000, 4,000 and 6,500 K upon request
- High design freedom due to 5 cm cut-options
- Self-adhesive 3M tape at the backside for simple mounting on different surfaces
- PCB to PCB and wire to PCB connectors for toolless handling and connection
- Small colour tolerance (MacAdam 3)
- Life-time 60,000 hours
- System solution in combination with constant voltage LED Driver (fixed output and dimmable)
- **Connector not included**

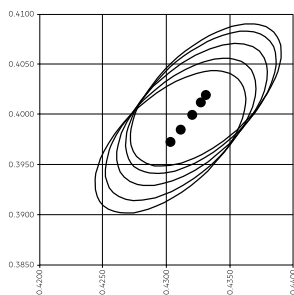
**Technical data**

|                                  |                |
|----------------------------------|----------------|
| Beam characteristic              | 120°           |
| Ambient temperature range        | -25 ... +50 °C |
| tp rated / tc                    | 65 °C / 75 °C  |
| Supply voltage DC                | 24 V           |
| Supply voltage range DC (1)      | 21,6 – 26,4 V  |
| Insulation test voltage          | 0,5 kV         |
| Risk group (EN 62471:2008)       | 0              |
| Classification acc. to IEC 62031 | Built-in       |
| Type of protection               | IP00           |

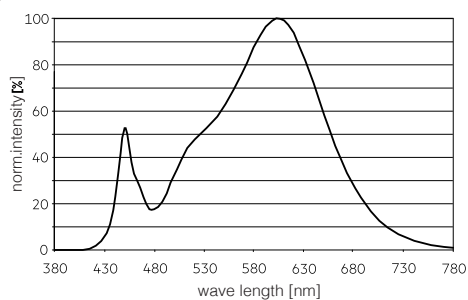
(1) Exceeding the max. operating voltage leads to an overload on the Strip. This may in turn result in a significant reduction in life-time or even in destruction.

3,000 K – CRI80

|                   | x0     | y0     |
|-------------------|--------|--------|
| Centre 300 lm/m   | 0.4303 | 0.3973 |
| Centre 600 lm/m   | 0.4311 | 0.3985 |
| Centre 1,200 lm/m | 0.4320 | 0.4000 |
| Centre 1,800 lm/m | 0.4327 | 0.4012 |
| Centre 2,500 lm/m | 0.4331 | 0.4019 |

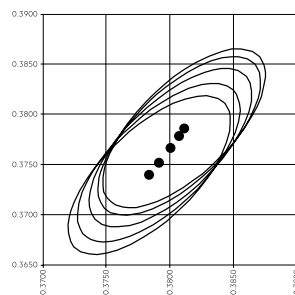


MacAdam Ellipse: 3SDCM

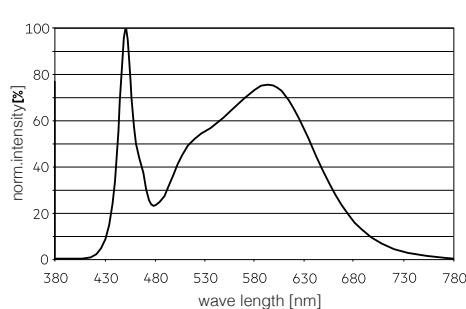


4,000 K – CRI80

|                   | x0     | y0     |
|-------------------|--------|--------|
| Centre 300 lm/m   | 0.3783 | 0.3740 |
| Centre 600 lm/m   | 0.3791 | 0.3752 |
| Centre 1,200 lm/m | 0.3800 | 0.3767 |
| Centre 1,800 lm/m | 0.3807 | 0.3779 |
| Centre 2,500 lm/m | 0.3811 | 0.3786 |

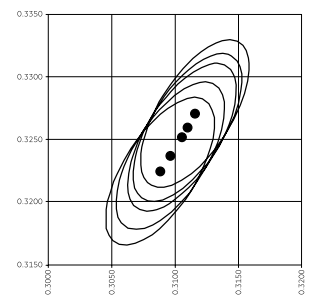


MacAdam Ellipse: 3SDCM

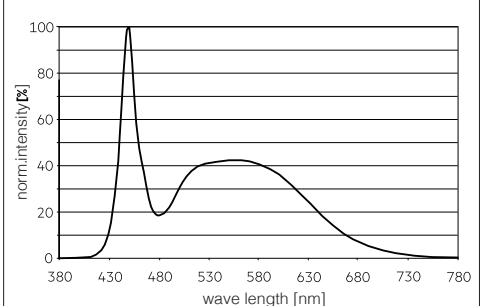


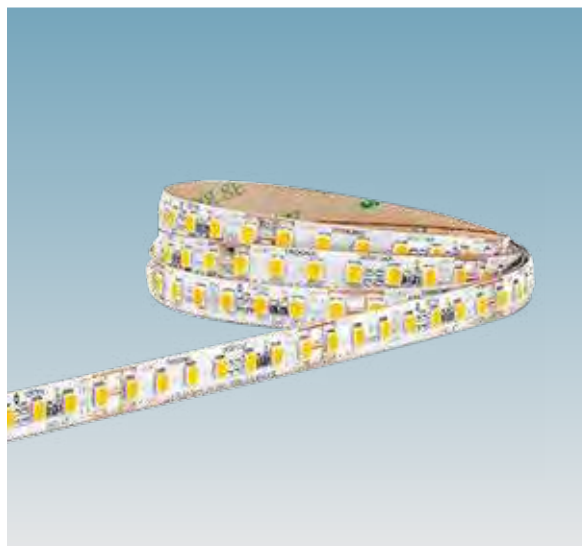
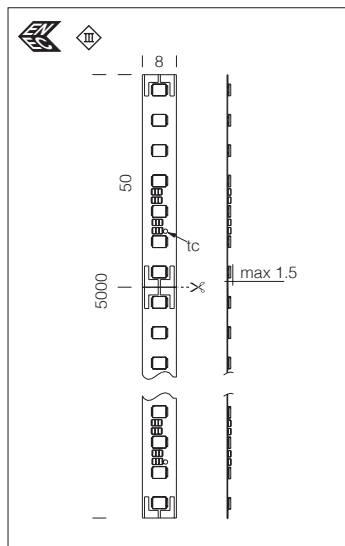
6,500 K – CRI80

|                   | x0     | y0     |
|-------------------|--------|--------|
| Centre 300 lm/m   | 0.3088 | 0.3225 |
| Centre 600 lm/m   | 0.3096 | 0.3237 |
| Centre 1,200 lm/m | 0.3105 | 0.3252 |
| Centre 1,800 lm/m | 0.3110 | 0.3260 |
| Centre 2,500 lm/m | 0.3116 | 0.3271 |



MacAdam Ellipse: 3SDCM



**Luminous flux maintenance:**

|     |                    |         |
|-----|--------------------|---------|
| 80% | L80B50 (tp= 65 °C) | 60.000h |
|-----|--------------------|---------|

Upon request 6500K version.

**Strip - LED 24V - CRI>80**

| CLD S+L |        |             |             |     |                       |           |
|---------|--------|-------------|-------------|-----|-----------------------|-----------|
| LED     | colour | tot. lenght | code        | W/m | K - CRI - degrees     | ølm/m     |
| LED     | white  | 5 m         | 22485813-00 | 5   | 3000K - CRI>80 - 120° | 600 lm/m  |
|         |        |             | 22485814-00 |     | 4000K - CRI>80 - 120° |           |
| LED     | white  | 5 m         | 22485913-00 | 9   | 3000K - CRI>80 - 120° | 1200 lm/m |
|         |        |             | 22485914-00 |     | 4000K - CRI>80 - 120° |           |
| LED     | white  | 5 m         | 22486013-00 | 13  | 3000K - CRI>80 - 120° | 1800 lm/m |
|         |        |             | 22486014-00 |     | 4000K - CRI>80 - 120° |           |

**CONNECTOR AND DRIVER****Plug connector with wire**

|       |             |
|-------|-------------|
| L=500 | 22028212-00 |
|-------|-------------|

Connector complete with wire L = 500mm. Upon request L=100/2000mm.

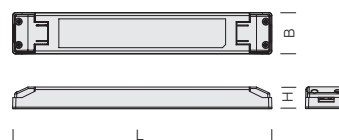
**Continuous line connector**

|             |
|-------------|
| 22028213-00 |
|-------------|

To connect Strip-LED in continuous line.

Driver: choose the most suited ones.

Upon request: CASAMBI version

**IP20 Driver - V<sub>in</sub> 100-277V 0/50/60Hz - V<sub>out</sub> 24V DC**

| type    | output energy power max (W) | weight (Kg) | size (mm) B - H - L | code        |
|---------|-----------------------------|-------------|---------------------|-------------|
| 35W/24V | 35W                         | 0,23        | 40 - 21 - 220       | 22090235-00 |
| 60W/24V | 60W                         | 0,28        | 40 - 21 - 250       | 22090260-00 |

**IP20 Driver DIMM DALI - V<sub>in</sub> 220-240V 0/50/60Hz - V<sub>out</sub> 24V DC**

|         |     |      |               |               |
|---------|-----|------|---------------|---------------|
| 35W/24V | 35W | 0,15 | 43 - 30 - 195 | 22090235-1241 |
| 60W/24V | 60W | 0,18 | 43 - 30 - 225 | 22090260-1241 |

**IP20 Driver - V<sub>in</sub> 120-277V 0/50/60Hz - V<sub>out</sub> 24V DC**

|          |      |      |               |             |
|----------|------|------|---------------|-------------|
| 96W/24V  | 96W  | 0,34 | 40 - 21 - 300 | 22090296-00 |
| 180W/24V | 180W | 0,85 | 64 - 31 - 280 | 22090218-00 |

**IP20 Driver DIMM DALI - V<sub>in</sub> 220-240V 0/50/60Hz - V<sub>out</sub> 24V DC**

|          |      |      |               |               |
|----------|------|------|---------------|---------------|
| 100W/24V | 100W | 0,26 | 43 - 30 - 295 | 22090210-1241 |
| 200W/24V | 200W | 0,30 | 43 - 30 - 325 | 22090215-1241 |

Connector for connection of LED strip modules:

- Easy assembly: remove adhesive 3M tape on the backside of the LED Strip in the connection area, insert the LED Strip into the connector and lock it by pressing down the top of the connector.

- The insertion length of the LED Strip must be at least 4 mm (cut the LED Strip at the dotted lines).





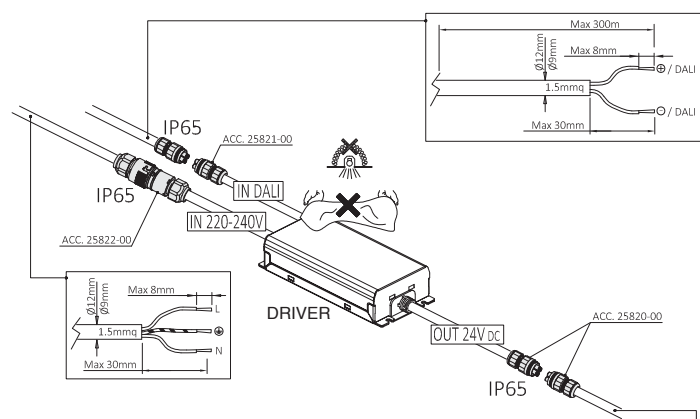
| INDOOR DRIVER for LED Strip - IP20 |               |                         |                 |
|------------------------------------|---------------|-------------------------|-----------------|
| wattage                            | code          | examples of connections |                 |
|                                    |               | 60 LED<br>25 W          | 120 LED<br>60 W |
| 30W / 24V                          | 22090750-00   | 1                       | -               |
| 60W / 24V                          | 22090751-00   | 2                       | 1               |
| 120W / 24V                         | 22090752-00   | 4                       | 2               |
| 180W / 24V                         | 22090753-00   | 7                       | 3               |
| 50W / 24V                          | 22090240-1241 | 2                       | -               |
| 80W / 24V                          | 22090241-1241 | 3                       | 1               |
| 160W / 24V                         | 22090242-1241 | 6                       | 2               |

| DRIVER INDOOR for RGB-RGBW LED Strip - IP20 |               |                         |                 |                 |
|---------------------------------------------|---------------|-------------------------|-----------------|-----------------|
| wattage                                     | code          | examples of connections |                 |                 |
|                                             |               | 60 LED<br>60 W          | 120 LED<br>60 W | 120 LED<br>95 W |
| 80W / 24V                                   | 22090244-1241 | 1                       | 1               | -               |

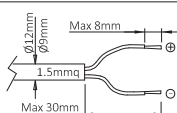
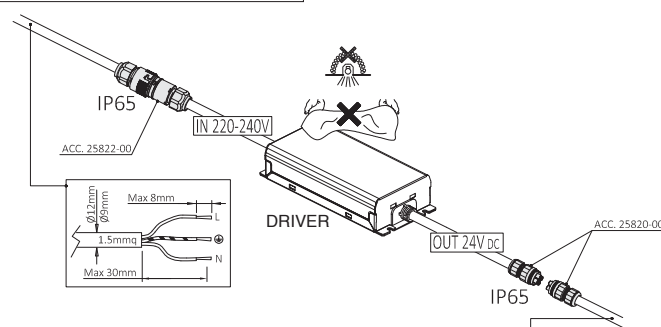
| INDOOR/OUTDOOR DRIVER for - IP65/IP67 |             |                         |                               |                    |
|---------------------------------------|-------------|-------------------------|-------------------------------|--------------------|
| wattage                               | code        | examples of connections |                               |                    |
|                                       |             | 120 LED<br>100 W        | NEON<br>12x12 / 06x12<br>50 W | NEON 16x16<br>50 W |
| 80W / 24V                             | 22090754-00 | -                       | 1                             | 1                  |
| 150W / 24V                            | 22090755-00 | 1                       | 3                             | 3                  |
| 200W / 24V                            | 22090756-00 | 2                       | 4                             | 4                  |

| INDOOR/OUTDOOR DRIVER for RGB-RGBW LED Strip - IP65/IP67 |               |                         |                 |                    |
|----------------------------------------------------------|---------------|-------------------------|-----------------|--------------------|
| wattage                                                  | code          | examples of connections |                 |                    |
|                                                          |               | 60 LED<br>60 W          | 120 LED<br>60 W | NEON 16x16<br>60 W |
| 100W / 24V                                               | 22090757-1241 | 1                       | 1               | 1                  |
| 210W / 24V                                               | 22090758-1241 | 3                       | 3               | 3                  |
| 150W / 24V<br>(DMX)                                      | 22092091-00   | 2                       | 2               | 2                  |
| 300W / 24V<br>(DMX)                                      | 22092093-00   | 5                       | 5               | 5                  |

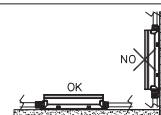
**IMPORTANT:** the watertight connector for connecting the driver to the power supply or to the Strip LED fixture must always be purchased separately.



| IP65 Waterproof connector |             |
|---------------------------|-------------|
| OUT 24VDC                 | 22025820-00 |
| IN DALI (4P)              | 22025821-00 |
| IN 220-240V               | 22025822-00 |
| RGB/RGBW (5P)             | 22025824-00 |



| COSTANT VOLTAGE DRIVER |                            |                            |                          |                          |
|------------------------|----------------------------|----------------------------|--------------------------|--------------------------|
| DISTANCE               | 5m                         | 10m                        | 20m                      | 30m                      |
| CABLE SECTION          | 1,5mm <sup>2</sup> / AWG15 | 2,5mm <sup>2</sup> / AWG13 | 4mm <sup>2</sup> / AWG11 | 4mm <sup>2</sup> / AWG11 |



**LED Strip - IP20 - CRI 80 - 24V**

| n. LED / meter | SMD  | V   | L tot.    | PCB width | code        | W / linear meter | lm / linear meter | degrees | Kelvin |
|----------------|------|-----|-----------|-----------|-------------|------------------|-------------------|---------|--------|
| <b>60 LED</b>  | 2835 | 24V | <b>5m</b> | 8 mm      | 22485104-00 | <b>5 W/m</b>     | 480lm             | 120°    | 2700K  |
|                |      |     |           |           | 22485111-00 |                  | 500lm             |         | 3000K  |
|                |      |     |           |           | 22485112-00 |                  | 520lm             |         | 4000K  |
|                |      |     |           |           | 22485105-00 |                  | 520lm             |         | 6000K  |

**LED Strip - IP20 - CRI 80 - 24V**

| n. LED / meter | SMD  | V   | L tot.    | PCB width | code        | W / linear meter | lm / linear meter                    | degrees | Kelvin      |
|----------------|------|-----|-----------|-----------|-------------|------------------|--------------------------------------|---------|-------------|
| <b>120 LED</b> | 2835 | 24V | <b>5m</b> | 10 mm     | 22485106-00 | <b>10 W/m</b>    | 905lm                                | 120°    | 2700K       |
|                |      |     |           |           | 22485113-00 |                  | 950lm                                |         | 3000K       |
|                |      |     |           |           | 22485115-00 |                  | 1000lm                               |         | 4000K       |
|                |      |     |           |           | 22485110-00 |                  | 1000lm                               |         | 6000K       |
|                | 4040 | 24V | <b>5m</b> | 8 mm      | 22485120-00 | <b>12 W/m</b>    | 110lm/320lm/75lm (R/G/B)             |         | <b>RGB</b>  |
|                |      |     |           | 10 mm     | 22485121-00 | <b>19 W/m</b>    | 95lm/370lm/80lm (R/G/B)<br>480lm (W) |         | <b>RGBW</b> |
| <b>60 LED</b>  | 5050 | 24V | <b>5m</b> | 10 mm     | 22485133-00 | <b>12 W/m</b>    | 65lm/225lm/45lm (R/G/B)<br>275lm (W) |         | <b>RGBW</b> |

**LED Strip - IP65 - CRI 80 - 24V**

| n. LED / meter | SMD  | V   | L tot.    | PCB width | code        | W / linear meter | lm / linear meter                    | degrees | Kelvin      |
|----------------|------|-----|-----------|-----------|-------------|------------------|--------------------------------------|---------|-------------|
| <b>120 LED</b> | 2835 | 24V | <b>5m</b> | 10 mm     | 22485108-00 | <b>10 W/m</b>    | 815lm                                | 120°    | 2700K       |
|                |      |     |           |           | 22485116-00 |                  | 855lm                                |         | 3000K       |
|                |      |     |           |           | 22485117-00 |                  | 900lm                                |         | 4000K       |
|                |      |     |           |           | 22485109-00 |                  | 900lm                                |         | 6000K       |
| <b>60 LED</b>  | 5050 | 24V | <b>5m</b> | 8 mm      | 22485122-00 | <b>12 W/m</b>    | 100lm/290lm/70lm (R/G/B)             |         | <b>RGB</b>  |
|                |      |     |           | 10 mm     | 22485123-00 |                  | 60lm/205lm/40lm (R/G/B)<br>205lm (W) |         | <b>RGBW</b> |

**LED Strip - IP65 - CRI 80 - 24V**

| n. LED / meter | SMD  | V   | L tot.     | PCB width | code        | W / linear meter | lm / linear meter | degrees | Kelvin |
|----------------|------|-----|------------|-----------|-------------|------------------|-------------------|---------|--------|
| <b>120 LED</b> | 2835 | 24V | <b>10m</b> | 8 mm      | 22485132-00 | <b>10 W/m</b>    | 1080lm            | 120°    | 3000K  |

**CONNECTOR / ACCESSORIES FOR STRIP****Continuous line connector with cable**

|      |       |             |
|------|-------|-------------|
| 8mm  | 2 PIN | 22028302-00 |
| 10mm | 2 PIN | 22028301-00 |
| 10mm | 4 PIN | 22028322-00 |
| 10mm | 5 PIN | 22028323-00 |

IP65 connector with wire (L=150mm); to connect IP65 Strip LED in continuous line (also to be used for IP20 LED Strips).

**Continuous line corners connector with cable**

|      |       |             |
|------|-------|-------------|
| 8mm  | 2 PIN | 22028306-00 |
| 10mm | 2 PIN | 22028305-00 |
| 10mm | 4 PIN | 22028324-00 |
| 10mm | 5 PIN | 22028325-00 |

IP65 connector with wire (L=150mm); to connect IP65 Strip LED in continuous line/corners (also to be used for IP20 LED Strips).

**Continuous line connector**

|      |       |             |
|------|-------|-------------|
| 8mm  | 2 PIN | 22028308-00 |
| 10mm | 2 PIN | 22028309-00 |
| 10mm | 4 PIN | 22028326-00 |
| 10mm | 5 PIN | 22028327-00 |

IP65 connector; to connect IP65 Strip LED in continuous line (also to be used for IP20 LED Strips).

**Corners connector**

|      |       |             |
|------|-------|-------------|
| 8mm  | 2 PIN | 22028304-00 |
| 10mm | 2 PIN | 22028303-00 |

IP65 connector; to connect IP65 Strip LED to corners (also to be used for IP20 LED Strips).

**End cap**

|      |             |
|------|-------------|
| 8mm  | 22028320-00 |
| 10mm | 22028321-00 |

End cap for IP65 Strip LED.

**LED Strip:** 24 V constant voltage stripe, ideal for application on aluminum extrusions but also for various decorative lighting applications such as cove lighting, façade accent lighting etc.



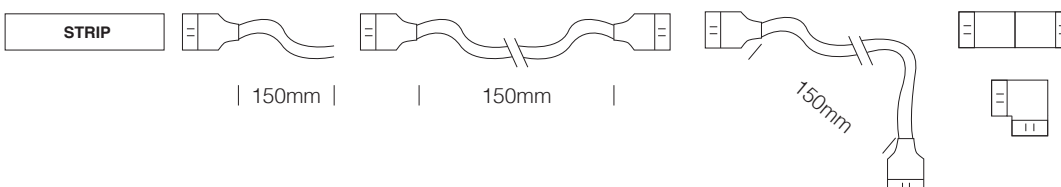
**3M** adhesive tape



yes

no

**Note:** never use scissors for cutting, use a cutter instead. To ensure proper operation and the correct IP level, restore the strip cabling to the original configuration. For intermediate cuts, use the end caps and make sure that all cut ends are perfectly sealed. Fosnova does not take responsibility for cuts made after the material has been delivered. This note applies to all LED strips.





#### WARNINGS FOR INSTALLING SILICONE STRIPS

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① indoor and outdoor use

② do not walk on

③ do not twist

④ do not pull

⑤ cut lines

### TOP BEND

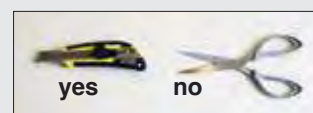
bending direction and curve radius      do not bend sideways

Note: bend the "TOP BEND" NEON STRIPS only as shown in the instructions.

### SIDE BEND

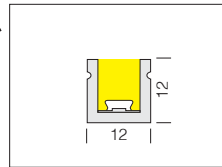
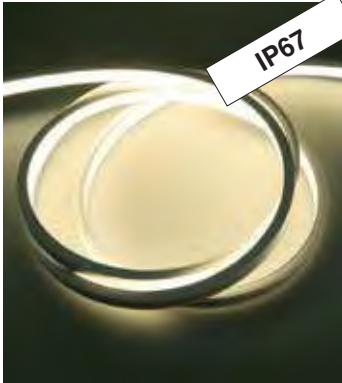
bending direction and curve radius      do not bend vertically

Note: Bend the "SIDE BEND" NEON STRIPS only as shown in the instructions.

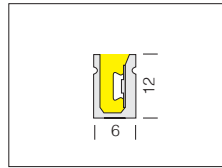


**Note:** never use scissors for cutting, use a cutter instead. To ensure proper operation and the correct IP level, restore the strip cabling to the original configuration. For intermediate cuts, use the end caps and make sure that all cut ends are perfectly sealed. Fosnova does not take responsibility for cuts made after the material has been delivered. This note applies to all LED strips.





| Strip - SILICONE NEON "TOP BEND" 12x12 - 24V - IP67 - CRI>90 |     |        |             |                  |                   |         |        |
|--------------------------------------------------------------|-----|--------|-------------|------------------|-------------------|---------|--------|
| measures                                                     | V   | L. tot | code        | W / linear meter | lm / linear meter | degrees | Kelvin |
| 12x12mm                                                      | 24V | 5m     | 22489316-00 | 10 W/m           | 665lm             | 120°    | 3000K  |
|                                                              |     |        | 22489317-00 |                  | 700lm             |         | 4000K  |



| Strip - SILICONE NEON "SIDE BEND" 06x12 - 24V - IP67 - CRI>90 |     |        |             |                  |       |        |        |
|---------------------------------------------------------------|-----|--------|-------------|------------------|-------|--------|--------|
| measures                                                      | V   | L. tot | code        | W / linear meter | lm    | degrés | Kelvin |
| 6x12mm                                                        | 24V | 5m     | 22489319-00 | 10 W/m           | 665lm | 120°   | 3000K  |
|                                                               |     |        | 22489320-00 |                  | 700lm |        | 4000K  |

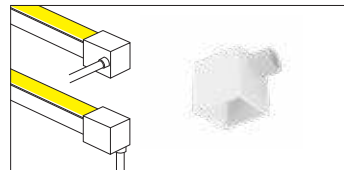
## CONNECTOR / ACCESSORIES FOR "TOP BEND" 12x12 STRIP



## Closing end cap

22028512-00

Closing end cap without hole for IP67 SILICONE NEON 12x12 strip.



## Side/bottom end cap

22028513-00

End cap with outlet from side/bottom for IP67 SILICONE NEON 12x12 strip.



## Fixing clips

22028611-00

Fixing clips for IP67 SILICONE NEON 12x12 strip.

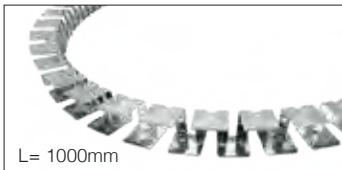


L= 1000mm

## Fixing profile

22028613-00

Fixing aluminium profile for IP67 SILICONE NEON 12x12 strip.



L= 1000mm

## Bendable fixing profile

22028618-00

Bendable fixing profile made of aluminium for SILICONE NEON Strip IP67 12x12.

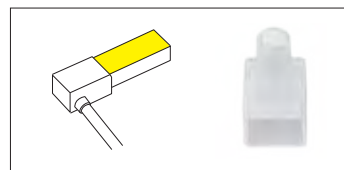
## CONNECTOR / ACCESSORIES FOR "SIDE BEND" 06x12 STRIP



## Closing end cap

22028514-00

Closing end cap without hole for IP67 SILICONE NEON 06x12 strip.



## Side end cap

22028515-00

End cap with outlet from side for IP67 SILICONE NEON 06x12 strip.



## Fixing clips

22028612-00

Fixing clips for IP67 SILICONE NEON 06x12 strip.

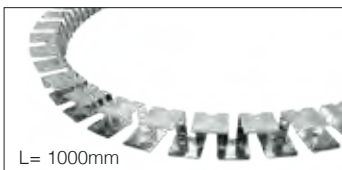


L= 1000mm

## Fixing profile

22028616-00

Fixing aluminium profile for IP67 SILICONE NEON 06x12 strip.



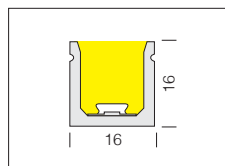
L= 1000mm

## Bendable fixing profile

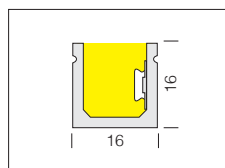
22028619-00

Bendable fixing profile made of aluminium for SILICONE NEON Strip IP67 06x12.





| Strip - SILICONE NEON "TOP BEND" 16x16 - 24V - IP67 - CRI>90 |     |        |             |                  |                   |         |        |
|--------------------------------------------------------------|-----|--------|-------------|------------------|-------------------|---------|--------|
| measures                                                     | V   | L. tot | code        | W / linear meter | lm / linear meter | degrees | Kelvin |
| 16x16mm                                                      | 24V | 5 m    | 22489310-00 | 10 W/m           | 665lm             | 120°    | 3000K  |
|                                                              |     |        | 22489311-00 |                  | 700lm             |         | 4000K  |
|                                                              |     |        | 22489312-00 | 12 W/m           | -                 |         | RGBW   |

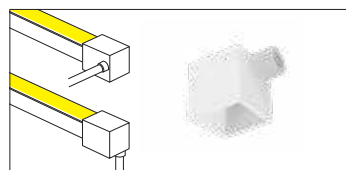


| Strip - SILICONE NEON "SIDE BEND" 16x16 - 24V - IP67 - CRI>90 |     |        |             |                  |       |         |        |
|---------------------------------------------------------------|-----|--------|-------------|------------------|-------|---------|--------|
| measures                                                      | V   | L. tot | code        | W / linear meter | lm    | degrees | Kelvin |
| 16x16mm                                                       | 24V | 5 m    | 22489313-00 | 10 W/m           | 665lm | 120°    | 3000K  |
|                                                               |     |        | 22489314-00 |                  | 700lm |         | 4000K  |
|                                                               |     |        | 22489315-00 | 12 W/m           | -     |         | RGBW   |

## CONNECTOR / ACCESSORIES FOR 16x16 STRIP



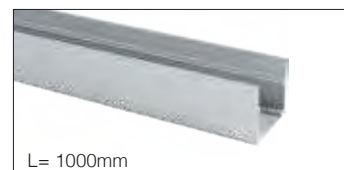
| Closing end cap                                                  |
|------------------------------------------------------------------|
| 22028511-00                                                      |
| Closing end cap without hole for IP67 SILICONE NEON 16x16 strip. |



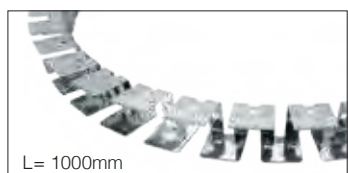
| Side/bottom end cap                                                      |
|--------------------------------------------------------------------------|
| 22028510-00                                                              |
| End cap with outlet from side/bottom for IP67 SILICONE NEON 16x16 strip. |



| Fixing clips                                     |
|--------------------------------------------------|
| 22028610-00                                      |
| Fixing clips for IP67 SILICONE NEON 16x16 strip. |



| Fixing profile                                               |
|--------------------------------------------------------------|
| 22028614-00                                                  |
| Fixing aluminium profile for IP67 SILICONE NEON 16x16 strip. |



| Bendable fixing profile                                                       |
|-------------------------------------------------------------------------------|
| 22028615-00                                                                   |
| Bendable fixing profile made of aluminium for SILICONE NEON Strip IP67 16x16. |

## WARNINGS FOR INSTALLING SILICONE STRIPS

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① indoor and outdoor use

② do not walk on

③ do not twist

④ do not pull

⑤ cut lines

### TOP BEND

bending direction and curve radius :  $\varnothing > 80\text{mm}$

do not bend sideways

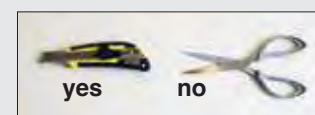
Note: bend the "TOP BEND" NEON STRIPS only as shown in the instructions.

### SIDE BEND

bending direction and curve radius :  $\varnothing > 80\text{mm}$

do not bend vertically

Note: Bend the "SIDE BEND" NEON STRIPS only as shown in the instructions.



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VISION 2.0



THEMIS



CCT/DIP SWITCH

new

SILENT



CCT SWITCH

SLIM 3



|            |        |
|------------|--------|
| Vision 2.0 | p. 252 |
| Themis     | p. 256 |
| Silent     | p. 260 |
| Slim 3     | p. 262 |

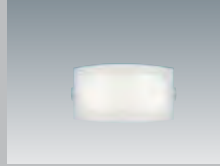
VENERE



SLIMCOVER



COVER LIGHT



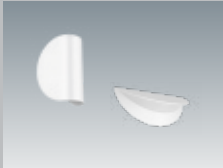
CURVE - CURVELINE



CCT SWITCH

|             |        |
|-------------|--------|
| Venere      | p. 264 |
| Slimcover   | p. 266 |
| Cover Light | p. 267 |
| Curve       | p. 268 |
| CurveLine   | p. 270 |

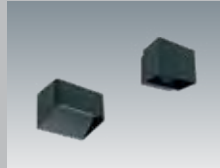
TACO - V MOON



BUDDY - ROBY 2.0



SOLUS - HECTO



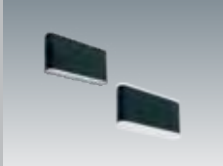
LIGHT BALL - BUTTON



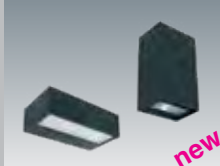
CCT SWITCH

|            |        |
|------------|--------|
| Taco       | p. 271 |
| V Moon     | p. 271 |
| Buddy      | p. 272 |
| Roby 2.0   | p. 273 |
| Solus      | p. 273 |
| Hecto      | p. 274 |
| Light Ball | p. 275 |
| Button     | p. 275 |

FLAT



TILE - VERTICAL LINE

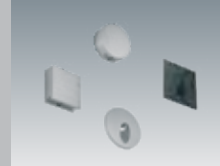


new

CORTESIA - MISTRAL



PATHWAY



|               |        |
|---------------|--------|
| Flat          | p. 276 |
| Tile          | p. 277 |
| Vertical Line | p. 277 |
| Cortesia      | p. 278 |
| Mistral       | p. 278 |
| Pathway       | p. 280 |

COSMIC



CCT SWITCH

ROND



CCT MULTICOLOR

MINI PASTILLA - PASTILLA



CCT SWITCH

TORTUGA



CCT/POWER SWITCH

new

|               |        |
|---------------|--------|
| Cosmic        | p. 282 |
| Rond          | p. 284 |
| Mini Pastilla | p. 286 |
| Pastilla      | p. 287 |
| Tortuga       | p. 294 |

ARGON



LUCENTE



LUCENTE

CCT/POWER/BEAM  
ANGLE SWITCH

new

LUCENTE SENSOR



|         |        |
|---------|--------|
| Argon   | p. 296 |
| Lucente | p. 297 |

SEVILLA



|         |        |
|---------|--------|
| Sevilla | p. 302 |
|---------|--------|

RODA BASIC



RODA



|      |        |
|------|--------|
| Roda | p. 308 |
|------|--------|



**Housing:** die-cast aluminium with cooling vents.

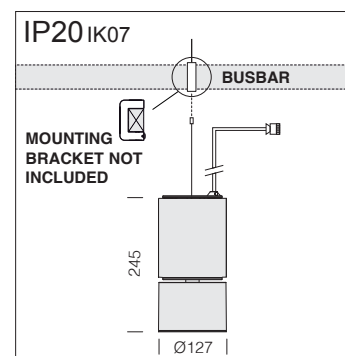
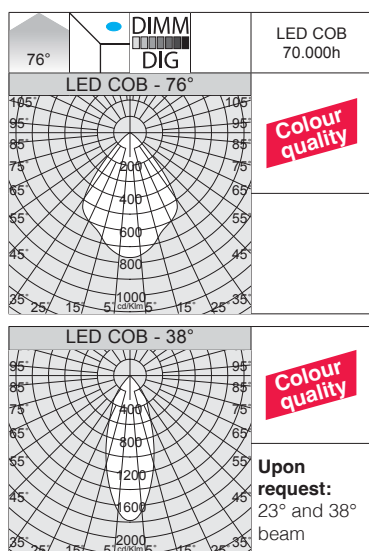
**Reflector:** in polished aluminium, high efficiency and anti-glare.

**Coating:** Power-coated with a UV-resistant polyester epoxy paint.

**Regulations:** Manufactured in accordance with EN 60598-1-CEI 34.21 standards. Degrees of protection in accordance with EN60529 standards.

**LED:** high-efficiency light sources (**CRI>90**).

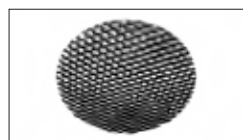
**Upon request:** version with CA-SAMBI automation lighting control system. For further information see chapter *Technical components*.



**Equipment:** complete with suspension and safety cable (L=1.20 m) with jamming cord grip for mounting bracket (not included) and electrical cable with connecting plug.

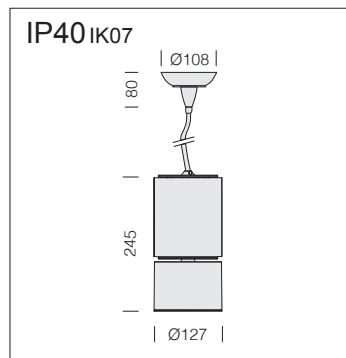
| Vision 2.0 big L - sospensione for busbar |           |        |             |                          |       |                                                     |
|-------------------------------------------|-----------|--------|-------------|--------------------------|-------|-----------------------------------------------------|
| LED                                       | colour    | weight | CLD<br>code | CLD D-DIG (DALI)<br>code | W tot | LUMEN OUTPUT (tg= 25 °C)<br>K - ølm - CRI - degrees |
| COB                                       | white     | 2,00   | 22703314-00 | 22703314-1241            | 53    | 3000K - 5217lm - <b>CRI&gt;90</b> - 76°             |
|                                           | black     |        | 22703334-00 | 22703334-1241            |       |                                                     |
|                                           | m. silver |        | 22703374-00 | 22703374-1241            |       |                                                     |
| COB                                       | white     | 2,00   | 22703315-00 | 22703315-1241            | 53    | 4000K - 5592lm - <b>CRI&gt;90</b> - 76°             |
|                                           | black     |        | 22703335-00 | 22703335-1241            |       |                                                     |
|                                           | m. silver |        | 22703375-00 | 22703375-1241            |       |                                                     |

**Upon request** version with emergency wiring with centralized power supply **CLD-EC** with sub-code -0050.



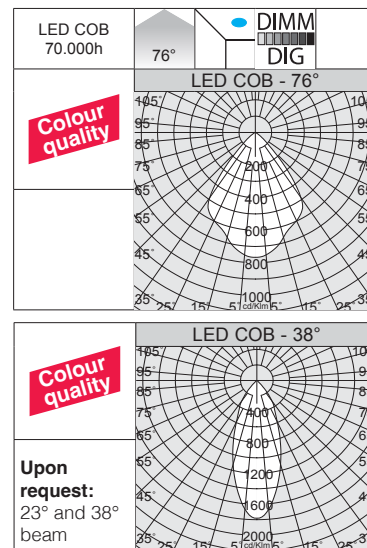
| Honeycomb screen |             |
|------------------|-------------|
| x small          | 22005130-00 |
| x big            | 22005131-00 |
| To reduce glare  |             |





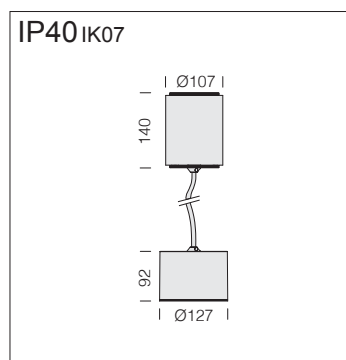
**Standard supply:** supplied with suspension cable (L=2,80m) and ceiling rose.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.



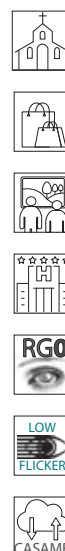
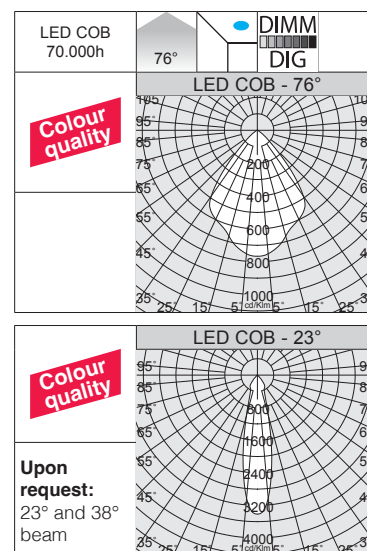
## Vision 2.0 big L - suspension with base

| Vision 2.0 big L - suspension with base |           |        |             |                  |       |                               |
|-----------------------------------------|-----------|--------|-------------|------------------|-------|-------------------------------|
|                                         |           | CLD    |             | CLD D-DIG (DALI) |       | LUMEN OUTPUT (tq= 25 °C)      |
| LED                                     | colour    | weight | code        | code             | W tot | K - ølm - CRI - degrees       |
| COB                                     | white     | 2,10   | 22703310-00 | 22703310-1241    | 53    | 3000K - 5217lm - CRI>90 - 76° |
|                                         | black     |        | 22703330-00 | 22703330-1241    |       |                               |
|                                         | m. silver |        | 22703370-00 | 22703370-1241    |       |                               |
| COB                                     | white     | 2,10   | 22703311-00 | 22703311-1241    | 53    | 4000K - 5592lm - CRI>90 - 76° |
|                                         | black     |        | 22703331-00 | 22703331-1241    |       |                               |
|                                         | m. silver |        | 22703371-00 | 22703371-1241    |       |                               |



**Standard supply:** supplied with suspension cable (L=2,80m).

**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.



## Vision 2.0 big C - suspension

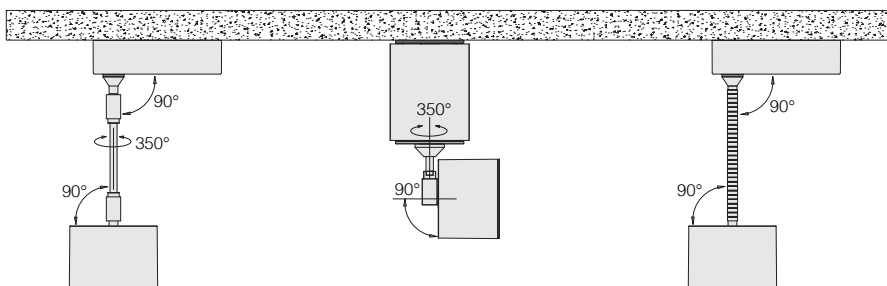
| Vision 2.0 big C - suspension |           |        |             |                  |       |                               |
|-------------------------------|-----------|--------|-------------|------------------|-------|-------------------------------|
|                               |           | CLD    |             | CLD D-DIG (DALI) |       | LUMEN OUTPUT (tq= 25 °C)      |
| LED                           | colour    | weight | code        | code             | W tot | K - ølm - CRI - degrees       |
| COB                           | white     | 2,00   | 22703312-00 | 22703312-1241    | 39    | 3000K - 3761lm - CRI>90 - 76° |
|                               | black     |        | 22703332-00 | 22703332-1241    |       |                               |
|                               | m. silver |        | 22703372-00 | 22703372-1241    |       |                               |
| COB                           | white     | 2,00   | 22703313-00 | 22703313-1241    | 39    | 4000K - 4073lm - CRI>90 - 76° |
|                               | black     |        | 22703333-00 | 22703333-1241    |       |                               |
|                               | m. silver |        | 22703373-00 | 22703373-1241    |       |                               |

| Honeycomb screen |                      |
|------------------|----------------------|
| x small          | 22 <b>005130</b> -00 |
| x big            | 22 <b>005131</b> -00 |
| To reduce glare  |                      |





**Upon request,** special versions with base + support rods or Flex tube are available. Easily surface-mounted, these versions are ideal for retail, architectural and museum lighting applications. Thanks to the swivelling luminaire, you will be able to enhance any type of interior design.







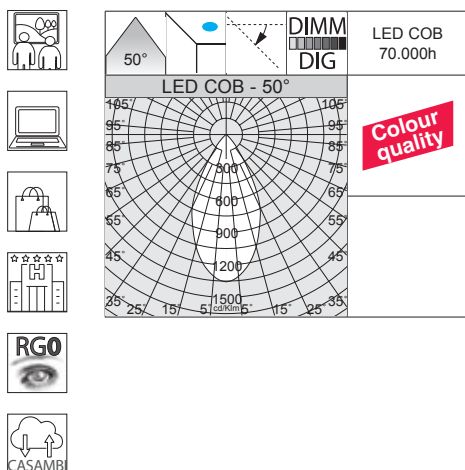


Themis stands out for its simple design and high-quality lighting output delivered by latest generation LED sources. Studied to deliver direct lighting, it is equipped with a highly efficient reflector (adjustable) or with lenses to enhance the light beam. Designed to be easily installed inside ceilings thanks to its mounting bracket, it is capable of illuminating full and empty spaces, bringing out all the potential of architectonic details and giving rhythm and colour to important interiors.

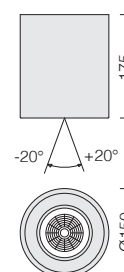
**Housing:** made of die-cast aluminium with clear polycarbonate diffuser.

**Standard supply:** ceiling version supplied with bracket for installation; suspension version supplied with suspension cable (L=1,70m) and ceiling rose.

**Upon request:** version with CASAMBI automation lighting control system. For further information see chapter *Technical components*.



IP20 IK07

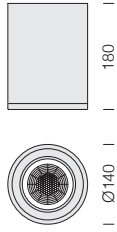


**Reflector:** high-efficiency metallised polycarbonate.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor  $\geq 0,9$ .

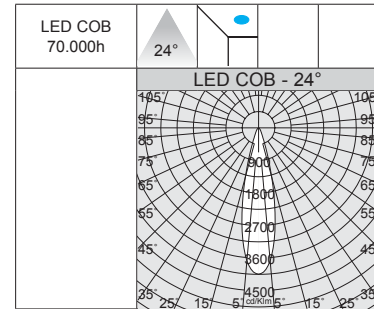
| Themis R150 - adjustable with optic |        |        |             |                  |       |                                         |
|-------------------------------------|--------|--------|-------------|------------------|-------|-----------------------------------------|
| LED                                 | colour | weight | CLD         | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C)                |
|                                     |        |        | code        | code             |       | K - ølm - CRI - degrees                 |
| COB                                 | white  | 1,00   | 22071010-00 | 22071010-1241    | 24    | 3000K - 1819lm - <b>CRI&gt;90</b> - 50° |
|                                     | grey   |        | 22071070-00 | 22071070-1241    |       |                                         |
| COB                                 | white  | 1,00   | 22071010-68 | 22071010-6841    | 24    | 4000K - 1946lm - <b>CRI&gt;90</b> - 50° |
|                                     | grey   |        | 22071070-68 | 22071070-6841    |       |                                         |

IP65 IK07



**Lens:** faceted, with high efficiency output and very low glare rate.

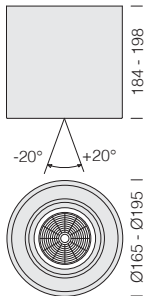
**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor  $\geq 0,9$ .



## Themis L140 - IP65 - fixed with lens

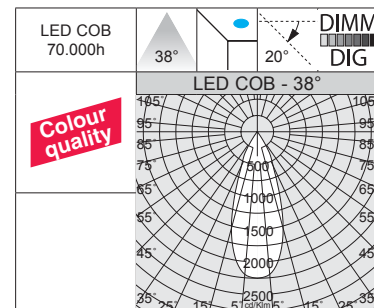
| LED | colour | weight | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|-----|--------|--------|-------------|-------|-------------------------------|
|     |        |        | code        |       | K - ølm - CRI - degrees       |
| COB | white  | 2,00   | 22071710-68 | 24    | 4000K - 2550lm - CRI>80 - 24° |
|     | grey   |        | 22071770-68 |       |                               |

IP20 IK07



**Reflector:** high-efficiency metallised polycarbonate.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor  $\geq 0,9$ .

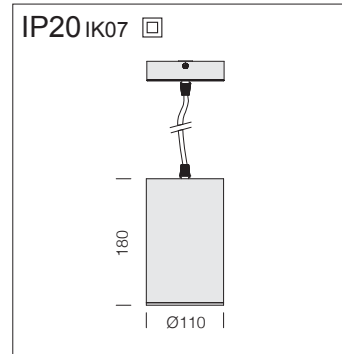
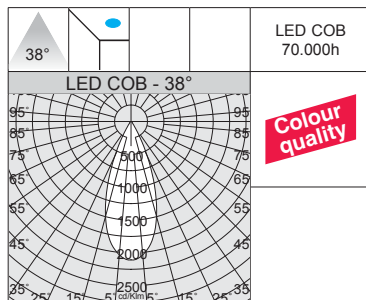


## Themis R165 - adjustable with optic

| LED | colour | weight | CLD         | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|-----|--------|--------|-------------|------------------|-------|-------------------------------|
|     |        |        | code        | code             |       | K - ølm - CRI - degrees       |
| COB | white  | 1,20   | 22071110-00 | 22071110-1241    | 33    | 3000K - 2515lm - CRI>90 - 38° |
|     | grey   |        | 22071170-00 | 22071170-1241    |       |                               |
| COB | white  | 1,20   | 22071110-68 | 22071110-6841    | 33    | 4000K - 2691lm - CRI>90 - 38° |
|     | grey   |        | 22071170-68 | 22071170-6841    |       |                               |

## Themis R195 - adjustable with optic

| LED | colour | weight | CLD         | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|-----|--------|--------|-------------|------------------|-------|-------------------------------|
|     |        |        | code        | code             |       | K - ølm - CRI - degrees       |
| COB | white  | 1,60   | 22071210-00 | 22071210-1241    | 40    | 3000K - 3100lm - CRI>90 - 38° |
|     | grey   |        | 22071270-00 | 22071270-1241    |       |                               |
| COB | white  | 1,60   | 22071210-68 | 22071210-6841    | 40    | 4000K - 3300lm - CRI>90 - 38° |
|     | grey   |        | 22071270-68 | 22071270-6841    |       |                               |

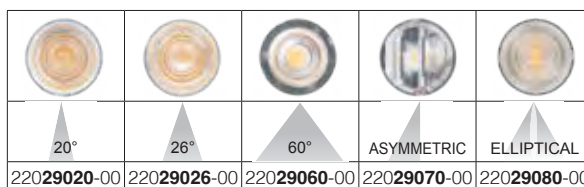


**Standard supply:** supplied with suspension cable (L=1,70m) and ceiling rose.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor  $\geq 0,9$ .

| Themis L110 - CCT / DIP SWITCH - suspension with lens |        |        |             |       |       |                              |
|-------------------------------------------------------|--------|--------|-------------|-------|-------|------------------------------|
| LED                                                   | colour | weight | code        | I out | W tot | LUMEN OUTPUT (tq= 25 °C)     |
|                                                       |        |        |             |       |       | K - ølm - CRI - degrees      |
| COB                                                   | white  | 1,00   | 22070211-00 | 250   | 10    | 2700K - 833lm - CRI>90 - 38° |
|                                                       |        |        |             |       |       | 3000K - 888lm - CRI>90 - 38° |
|                                                       |        |        |             |       |       | 4000K - 924lm - CRI>90 - 38° |

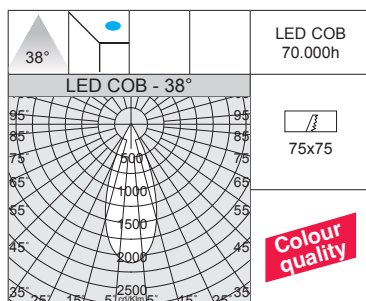
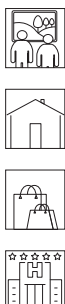
Interchangeable LED module lens, ideal for precision lighting.



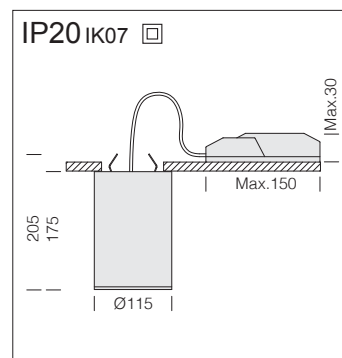
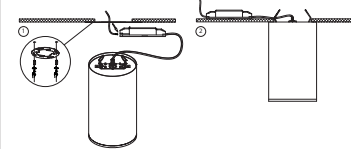
| DIP SWITCH SETTING |       |                               | LUMEN OUTPUT (tq= 25 °C) |
|--------------------|-------|-------------------------------|--------------------------|
| I out              | W tot | K - ølm - CRI - degrees       |                          |
| 200                | 8     | 2700K - 666lm - CRI>90 - 38°  |                          |
| 250                | 10    | 2700K - 833lm - CRI>90 - 38°  |                          |
| 300                | 12    | 2700K - 961lm - CRI>90 - 38°  |                          |
| 350                | 14    | 2700K - 1100lm - CRI>90 - 38° |                          |

| DIP SWITCH SETTING |       |                               | LUMEN OUTPUT (tq= 25 °C) |
|--------------------|-------|-------------------------------|--------------------------|
| I out              | W tot | K - ølm - CRI - degrees       |                          |
| 200                | 8     | 3000K - 715lm - CRI>90 - 38°  |                          |
| 250                | 10    | 3000K - 888lm - CRI>90 - 38°  |                          |
| 300                | 12    | 3000K - 1037lm - CRI>90 - 38° |                          |
| 350                | 14    | 3000K - 1209lm - CRI>90 - 38° |                          |

| DIP SWITCH SETTING |       |                               | LUMEN OUTPUT (tq= 25 °C) |
|--------------------|-------|-------------------------------|--------------------------|
| I out              | W tot | K - ølm - CRI - degrees       |                          |
| 200                | 8     | 4000K - 746lm - CRI>90 - 38°  |                          |
| 250                | 10    | 4000K - 924lm - CRI>90 - 38°  |                          |
| 300                | 12    | 4000K - 1073lm - CRI>90 - 38° |                          |
| 350                | 14    | 4000K - 1229lm - CRI>90 - 38° |                          |



installation sequence with bracket and separate driver as standard.



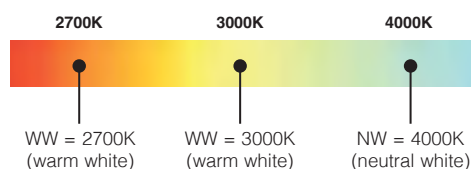
**Lens:** in PMMA with high efficiency output and very low glare rate.

**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor  $>0.9$ .

| Themis L115 - CCT / DIP SWITCH - fixed with lens |        |        |             |       |       |                              |
|--------------------------------------------------|--------|--------|-------------|-------|-------|------------------------------|
| LED                                              | colour | weight | code        | I out | W tot | LUMEN OUTPUT (tq= 25 °C)     |
|                                                  |        |        |             |       |       | K - ølm - CRI - degrees      |
| COB                                              | white  | 1,00   | 22070210-00 | 250   | 10    | 2700K - 833lm - CRI>90 - 38° |
|                                                  |        |        |             |       |       | 3000K - 888lm - CRI>90 - 38° |
|                                                  |        |        |             |       |       | 4000K - 924lm - CRI>90 - 38° |



The main feature of this luminaire is the "colour-changing" technology: with the built-in selector switch positioned on the fixture's body, you can choose the desired colour temperature (2700K-3000K-4000K), adjusting its emission to most lighting installations.

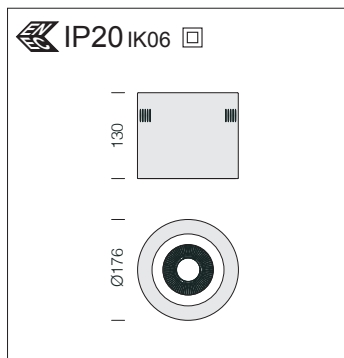


| DIP SWITCH SETTING |       |                               | LUMEN OUTPUT (tq= 25 °C) |
|--------------------|-------|-------------------------------|--------------------------|
| I out              | W tot | K - ølm - CRI - degrees       |                          |
| 200                | 8     | 2700K - 666lm - CRI>90 - 38°  |                          |
| 250                | 10    | 2700K - 833lm - CRI>90 - 38°  |                          |
| 300                | 12    | 2700K - 961lm - CRI>90 - 38°  |                          |
| 350                | 14    | 2700K - 1100lm - CRI>90 - 38° |                          |

| DIP SWITCH SETTING |       |                               | LUMEN OUTPUT (tq= 25 °C) |
|--------------------|-------|-------------------------------|--------------------------|
| I out              | W tot | K - ølm - CRI - degrees       |                          |
| 200                | 8     | 3000K - 715lm - CRI>90 - 38°  |                          |
| 250                | 10    | 3000K - 888lm - CRI>90 - 38°  |                          |
| 300                | 12    | 3000K - 1037lm - CRI>90 - 38° |                          |
| 350                | 14    | 3000K - 1209lm - CRI>90 - 38° |                          |

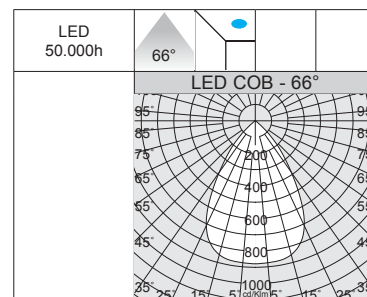
| DIP SWITCH SETTING |       |                               | LUMEN OUTPUT (tq= 25 °C) |
|--------------------|-------|-------------------------------|--------------------------|
| I out              | W tot | K - ølm - CRI - degrees       |                          |
| 200                | 8     | 4000K - 746lm - CRI>90 - 38°  |                          |
| 250                | 10    | 4000K - 924lm - CRI>90 - 38°  |                          |
| 300                | 12    | 4000K - 1073lm - CRI>90 - 38° |                          |
| 350                | 14    | 4000K - 1229lm - CRI>90 - 38° |                          |





**Reflector:** metallized and prismatic aluminium.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0,9.

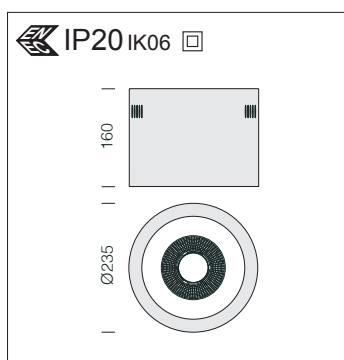


| Themis R182 - CCT / DIP SWITCH - fixed with optic |        |        |             |       |       |                               |
|---------------------------------------------------|--------|--------|-------------|-------|-------|-------------------------------|
| LED                                               | colour | CLD    |             | I out | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|                                                   |        | weight | code        |       |       | K - ølm - CRI - degrees       |
| LED                                               | white  | 0,70   | 22070310-00 | 400   | 17    | 3000K - 1728lm - CRI>80 - 66° |
|                                                   |        |        |             |       |       | 4000K - 1819lm - CRI>80 - 66° |
|                                                   |        |        |             |       |       | 6000K - 1733lm - CRI>80 - 66° |

| DIP SWITCH SETTING       |       |                               |
|--------------------------|-------|-------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                               |
| I out                    | W tot | K - ølm - CRI - degrees       |
| 400                      | 17    | 3000K - 1728lm - CRI>80 - 66° |
| 450                      | 19    | 3000K - 1903lm - CRI>80 - 66° |
| 500                      | 21    | 3000K - 2066lm - CRI>80 - 66° |

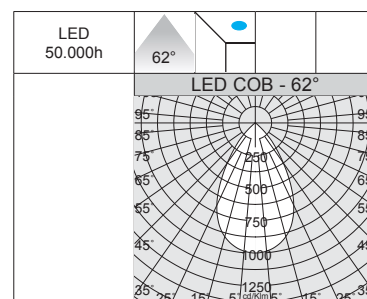
| DIP SWITCH SETTING       |       |                               |
|--------------------------|-------|-------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                               |
| I out                    | W tot | K - ølm - CRI - degrees       |
| 400                      | 17    | 4000K - 1819lm - CRI>80 - 66° |
| 450                      | 19    | 4000K - 2003lm - CRI>80 - 66° |
| 500                      | 21    | 4000K - 2175lm - CRI>80 - 66° |

| DIP SWITCH SETTING       |       |                               |
|--------------------------|-------|-------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                               |
| I out                    | W tot | K - ølm - CRI - degrees       |
| 400                      | 17    | 6000K - 1733lm - CRI>80 - 66° |
| 450                      | 19    | 6000K - 1953lm - CRI>80 - 66° |
| 500                      | 21    | 6000K - 2120lm - CRI>80 - 66° |



**Reflector:** metallized and prismatic aluminium.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0,9.



| Themis R240 - CCT / DIP SWITCH - fixed with optic |        |        |             |       |       |                               |
|---------------------------------------------------|--------|--------|-------------|-------|-------|-------------------------------|
| LED                                               | colour | CLD    |             | I out | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|                                                   |        | weight | code        |       |       | K - ølm - CRI - degrees       |
| LED                                               | white  | 1,00   | 22070410-00 | 800   | 31    | 3000K - 3082lm - CRI>80 - 62° |
|                                                   |        |        |             |       |       | 4000K - 3245lm - CRI>80 - 62° |
|                                                   |        |        |             |       |       | 6000K - 3163lm - CRI>80 - 62° |

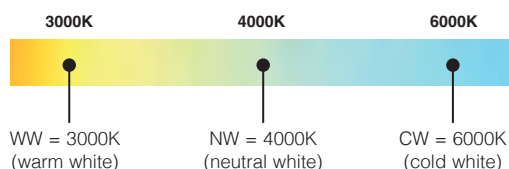
| DIP SWITCH SETTING       |       |                               |
|--------------------------|-------|-------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                               |
| I out                    | W tot | K - ølm - CRI - degrees       |
| 800                      | 31    | 3000K - 3082lm - CRI>80 - 62° |
| 850                      | 33    | 3000K - 3236lm - CRI>80 - 62° |
| 900                      | 35    | 3000K - 3447lm - CRI>80 - 62° |

| DIP SWITCH SETTING       |       |                               |
|--------------------------|-------|-------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                               |
| I out                    | W tot | K - ølm - CRI - degrees       |
| 800                      | 31    | 4000K - 3245lm - CRI>80 - 62° |
| 850                      | 33    | 4000K - 3406lm - CRI>80 - 62° |
| 900                      | 35    | 4000K - 3629lm - CRI>80 - 62° |

| DIP SWITCH SETTING       |       |                               |
|--------------------------|-------|-------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                               |
| I out                    | W tot | K - ølm - CRI - degrees       |
| 800                      | 31    | 6000K - 3163lm - CRI>80 - 62° |
| 850                      | 33    | 6000K - 3321lm - CRI>80 - 62° |
| 900                      | 35    | 6000K - 3538lm - CRI>80 - 62° |



The main feature of this luminaire is the "colour-changing" technology: with the built-in selector switch positioned on the fixture's body, you can choose the desired colour temperature (3000K-4000K-6000K), adjusting its emission to most lighting installations.





**Silent** is a pendant lighting fixture, featuring a **decorative ring made of sound-absorbing fabric**. This ring is shaped to effectively absorb frequency sounds, reducing the noise in the room where it is installed. Moreover, colour temperature control with the built-in **CCT switch** makes it an ideal luminaire to meet the lighting and application needs in the hospitality and retail sectors.

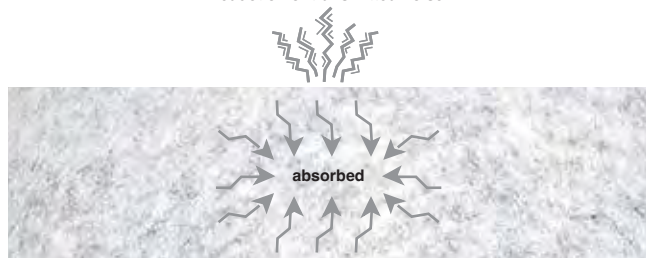
A noisy environment and poor lighting can negatively affect both health and wellbeing. Installing lighting fixtures such as **Silent**, which comes equipped with a sound-absorbing fabric ring as standard, offers an ideal solution to this issue.

#### WHAT IS SOUND ABSORPTION?

Sound absorption occurs when a surface converts sound wave energy into negligible thermal energy through friction within the material's pores.

The more sound energy a surface absorbs, the less is reflected back into the room as noise, reverberation, echo or vibration

#### reduction of transmitted noise



background noise



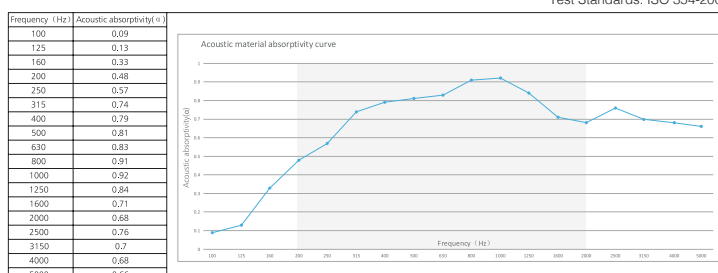
reduction of reflected noise

#### CLASSIFICATION OF NOISE REDUCTION COEFFICIENT (NRC)

The table below presents sound absorption data based on measurements in a reverberant room. In typical indoor environments, noise frequencies generally fall within the 500–2000 Hz range (in which the device performs effectively), taking into account the following factors:

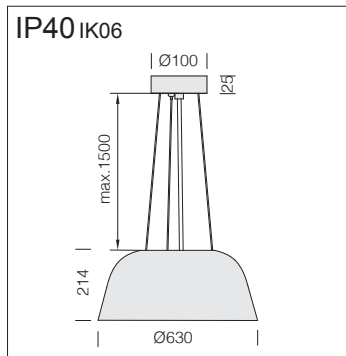
- the level of noise generated by people and equipment in the space;
- the activities taking place in the environment and the extent to which occupants are sensitive to disruptive noise or excessive reverberation.

Test Standards: ISO 354-2003



examples of noise frequency:  
computer: 500-1000Hz  
voice: 500-3000Hz  
printer: 1000-2000Hz



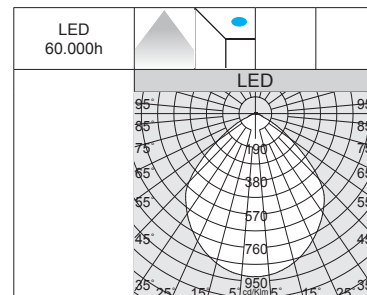


**Housing:** polycarbonate designed for suspension installation, complete with cable base as standard.

**Diffuser:** shatterproof, self-extinguishing, anti-glare polycarbonate.

**Ring:** sound-absorbing material, resistant to glow wire test.

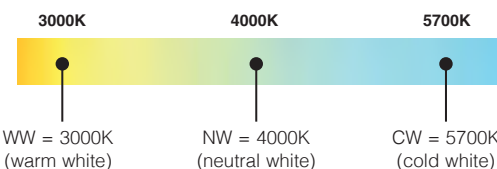
**LED:** luminous flux maintenance 80%: 60.000h (L80B20). Power factor  $\geq 0.9$ .



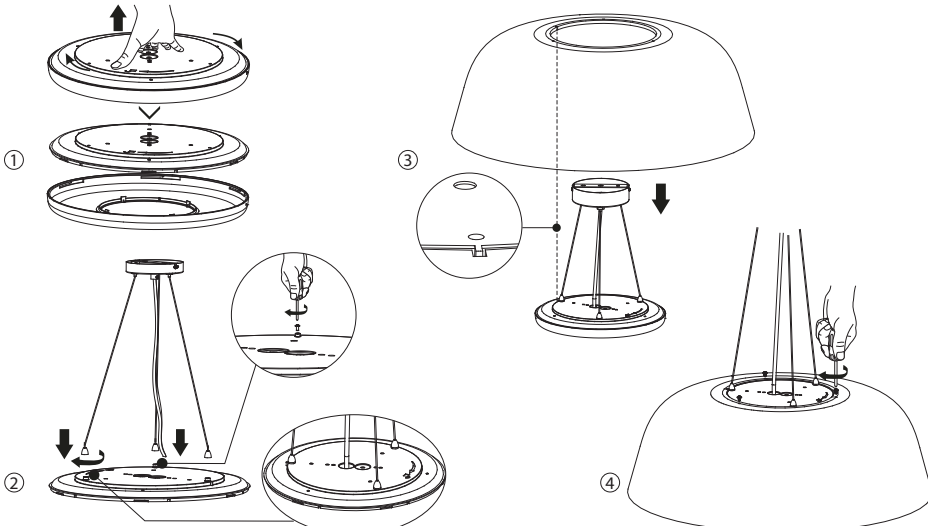
| Silent - CCT SWITCH - suspension with ring sound-absorbing |        |        |             |       |                          |
|------------------------------------------------------------|--------|--------|-------------|-------|--------------------------|
| LED                                                        | colour | weight | code        | W tot | LUMEN OUTPUT (tq= 25 °C) |
|                                                            |        |        |             |       | K - ø1m - CRI            |
| SMD                                                        | white  | 1,80   | 22224515-00 | 18    | 3000K - 1885lm - CRI 80  |
|                                                            |        |        |             |       | 4000K - 1935lm - CRI 80  |
|                                                            |        |        |             |       | 5700K - 1927lm - CRI 80  |



The main feature of this luminaire is the "colour-changing" technology: with the built-in selector switch positioned on the fixture's body, you can choose the desired colour temperature (3000K-4000K-5700K), adjusting its emission to most lighting installations.



Sequence for mounting the luminaire as a pendant with a sound-absorbing ring using a baseplate and standard cable.







With Slim, LED lighting makes a step forwards. With a simple form, which is the result of a complex design, Slim is an object full of technological innovation designed by Fosnova. It has the typical appeal of new design trends and the quality of industrial products: small, simple-to-use, versatile, and with technologically advanced performance. Instant start with no shimmer and absolutely silent operation. Energy saving of over 50% compared to traditional lights to fluorescent tubes. Efficiency of the LEDs (95%), overheating protection, current control and ability to work with stabilized voltages.

**Housing:** in aluminium.

**Inner slab:** in PMMA.

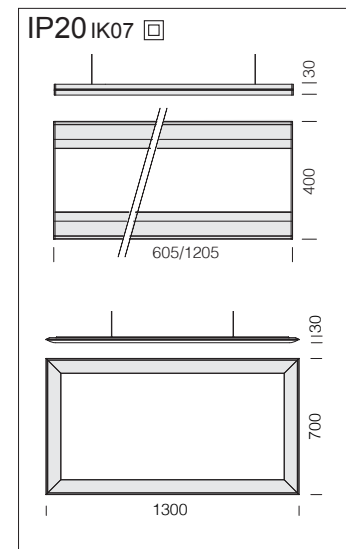
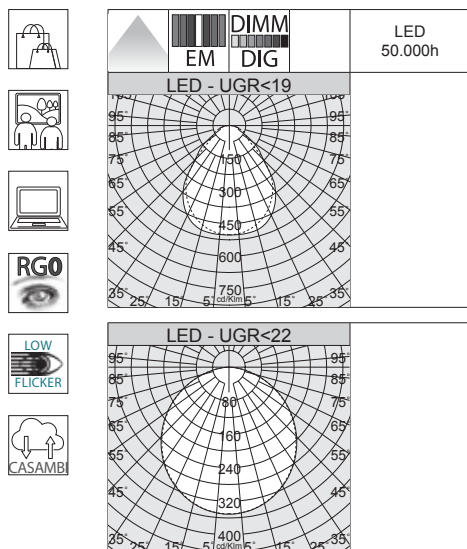
**Diffuser:** in prismatic engineering plastic with high thermal transmittance.

**UGR<19** (in any situation). EN 12464.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20). Power factor  $\geq 0.95$ .

**Upon request:** version with CA-SAMBI automation lighting control system.

For further information see chapter *Technical components*.



#### Slim 3 - UGR<19 - suspension

| LED | colour | L (mm) | weight | CLD         | CLD-E         | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|--------|--------|--------|-------------|---------------|------------------|-------|--------------------------|
|     |        |        |        | code        | code          | code             |       | K - ølm - CRI            |
| LED | white  | 605    | 3,60   | 22182818-39 | 22182818-0928 | 22182818-3941    | 20    | 3000K - 1953lm - CRI>80  |
|     |        |        |        | 22182818-00 | 22182818-09   | 22182818-1241    |       | 4000K - 2100lm - CRI>80  |
| LED | white  | 1205   | 6,70   | 22182814-39 | 22182814-0928 | 22182814-3941    | 34    | 3000K - 3353lm - CRI>80  |
|     |        |        |        | 22182814-00 | 22182814-09   | 22182814-1241    |       | 4000K - 3470lm - CRI>80  |

Upon request: direct/indirect (3000K) light version.

#### Slim 3 - UGR<22 - 1300x700 suspension

| LED | colour | L (mm) | weight | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|--------|--------|--------|-------------|-------|--------------------------|
|     |        |        |        | code        |       | K - ølm - CRI            |
| LED | white  | 1300   | 11,50  | 22182815-00 | 73    | 4000K - 6880lm - CRI 83  |

Upon request: direct/indirect (3000K) light version.

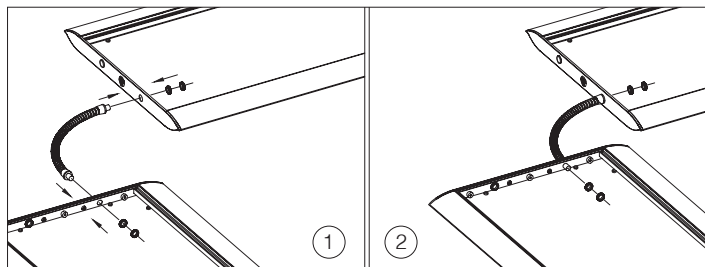
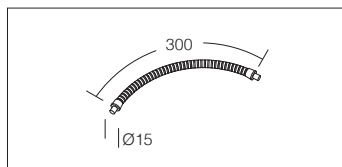
**LED:** luminous flux maintenance 80%: 50.000h (L80B20). Power factor  $\geq 0.95$

## ALIGNMENT JOINTS

## Flex angle joint

30 cm 22022890-00

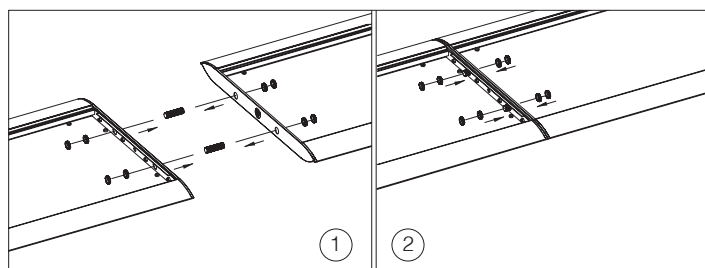
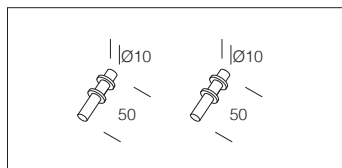
For continuous line and L- junctions of two fixtures.



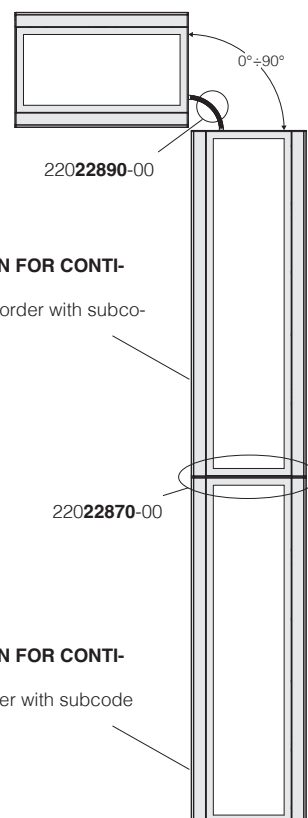
## Linear joint

steel 22022870-00

For continuous line and junction of two fixtures.



## SPECIAL VERSION



**SPECIAL VERSION FOR CONTINUOUS LINE:**  
central module to order with subcode -0072

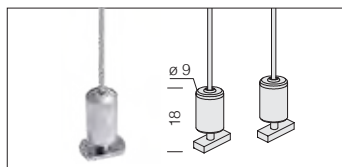
**SPECIAL VERSION FOR CONTINUOUS LINE:**  
end module to order with subcode -0086

## SUSPENSION ACCESSORIES

## Simple suspension

galvanised 22003166-00

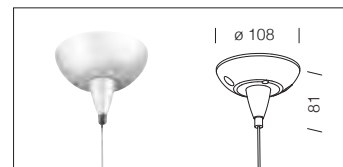
Supplied with steel wire (L=150 cm) and millimetre adjustment device (2pcs). Max load: 20Kg.



## Simple suspension

white 22003112-00

Complete with steel wire (L = 100cm) and millimetre adjustment device. Max load: 20 kg.

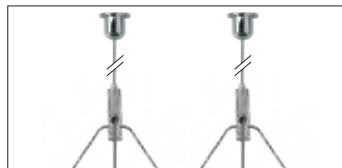


## Suspension with Y cable

1pcs steel 22003410-00

2pcs steel 22003411-00

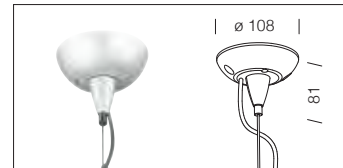
Kit supplied with Ø 1.5 mm steel cable (L=2 m standard). Load: max 15 kg.



## Powered suspension

white 22003113-00

Supplied with steel wire (L = 100cm) and millimetre adjustment device and power cord. Max loading: 20Kg.



## Simple suspension with Y cable

white 22003140-00

Kit supplied with Ø 1.5 mm steel cable (L=2 m standard). Load: max 15 kg.

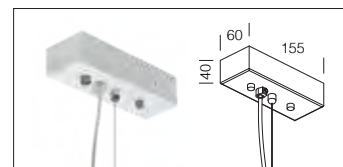


## 3P powered suspension with wire

silver 22003174-00

white 22003190-00

Supplied with steel wire (L = 150cm) and millimetre adjustment device and power cord. Max load: 20 kg.



## Powered suspension with Y cable

white 22003149-00

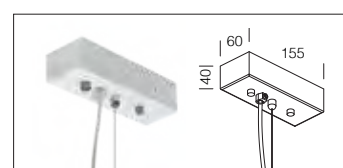
Kit supplied with Ø 1.5 mm steel cable (L=2 m standard) and power cord. Load: max 15 kg.



## 5P powered suspension with wire

white 22003120-00

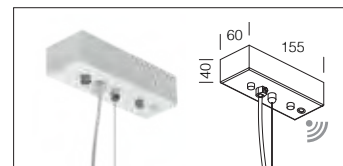
Supplied with steel wire (L = 100cm) and power cord. Max loading: 20Kg. For electric gear in EM and DIMM DALI versions.



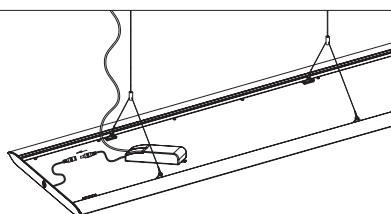
## 5P WIRELESS powered suspension

white 22003125-00

Supplied with steel wire (L = 150cm) and power cord. For the WIRELESS management of DIMM DALI versions (Out DALI : Max 7mA). Max load: 20 kg.



**Suspensions with Y cable:**  
ideal for suspending luminaires with 2 fixing points. The Y cable ensures the balance of the fixture. Fixtures can be hung accurately thanks to the useful release and adjustment button on the side of the terminal.





**External housing:** in semi-opal polyethylene.

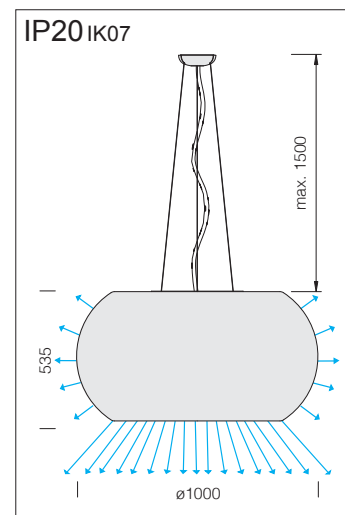
**Internal reflector:** made of V2 shatterproof and self-extinguishing clear polycarbonate, with anti-glare micro frosted finish.

Prismatic on the inside for improved light control, UV stabilized. Scratch-resistant coating.

**Equipment:** can be fixed directly onto the ceiling.

**Available Upon request:** double socket-pin terminal block for dual switching.

**Standard:** version with CASAMBI automation lighting control system. For further information see chapter *Technical components*.

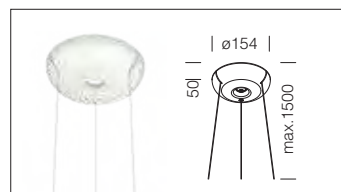


### Venere - LED + Strip LED white color changing

| LED                  | colour | weight | CLD CASAMBI<br>code | W tot | LUMEN OUTPUT (tq= 25 °C) |                         |
|----------------------|--------|--------|---------------------|-------|--------------------------|-------------------------|
|                      |        |        |                     |       | K - ølm - CRI            |                         |
| LED Bulb + LED Strip | white  | 16,50  | 22212911-00         | 65    | LED Bulb                 | 3000K - 1055lm - CRI>80 |
|                      |        |        |                     |       | LED Strip                | 3000K - 1650lm - CRI>80 |
|                      |        |        |                     |       |                          | 4000K - 1375lm - CRI>80 |
| LED COB + LED Strip  | white  | 16,50  | 22212712-00         | 94    | LED COB                  | 3000K - 5000lm - CRI>90 |
|                      |        |        |                     |       | LED Strip                | 3000K - 1650lm - CRI>80 |
|                      |        |        |                     |       |                          | 4000K - 1375lm - CRI>80 |
|                      |        |        |                     |       |                          | 6000K - 1350lm - CRI>80 |

### Venere - LED + LED RGBW

| LED                 | colour | weight | CLD CASAMBI<br>code | W tot | LUMEN OUTPUT (tq= 25 °C) |                         |
|---------------------|--------|--------|---------------------|-------|--------------------------|-------------------------|
|                     |        |        |                     |       | K - ølm - CRI            |                         |
| LED Bulb + LED RGBW | white  | 16,00  | 22212910-00         | 67    | LED Bulb                 | 3000K - 1055lm - CRI>80 |
|                     |        |        |                     |       | LED RGBW                 | RGB+W (4000K - 1100lm)  |
| LED COB + LED RGBW  | white  | 16,00  | 22212710-00         | 96    | LED COB                  | 3000K - 5000lm - CRI>90 |
|                     |        |        |                     |       | LED RGBW                 | RGB+W (4000K - 1100lm)  |

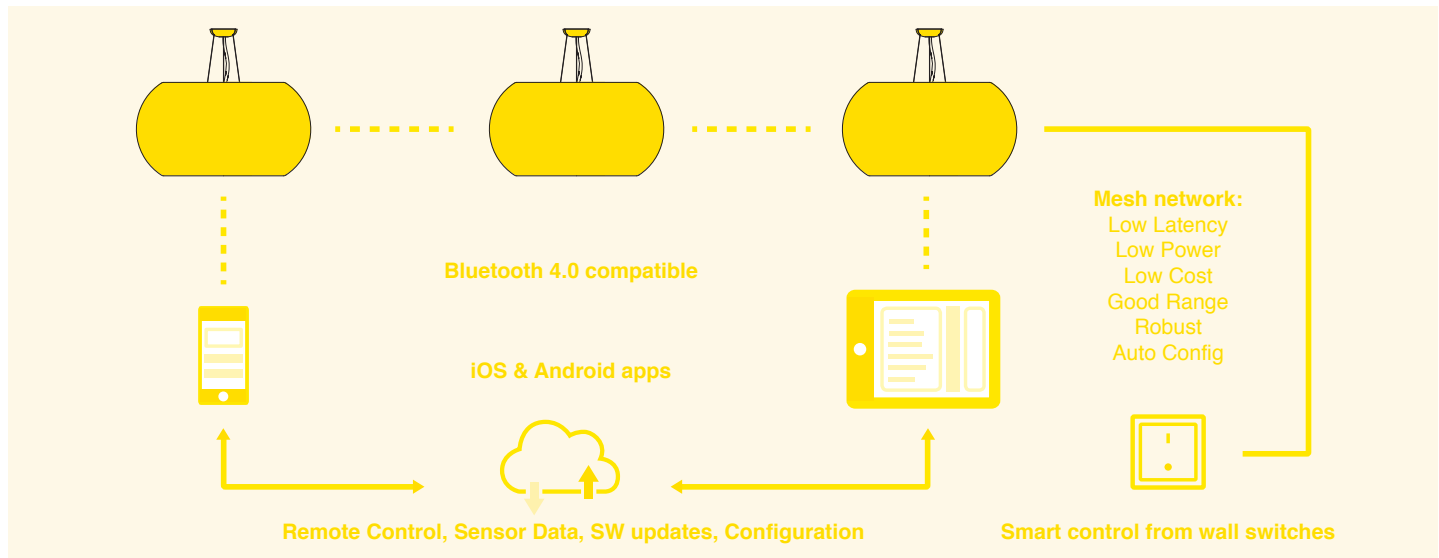


| Suspension               |             |
|--------------------------|-------------|
| white                    | 22003265-00 |
| With three steel cables. |             |



## CASAMBI SYSTEM

*Casambi* is an advanced automation lighting control system, the simplest and natural way to control your own lamps. It is a **bluetooth low energy (BLE)**. It is a bluetooth low energy (BLE) solution. BLE is a latest generation wireless technology and the only low-voltage wireless. Thanks to the intuitive simplicity of the app anyone can create and manage a lighting network singlehandedly by controlling every fixture individually or in groups depending on the needs and the functions required, using a smart phone or any other mobile device. *Casambi* technology can be integrated into luminaires, LED-drivers and even within LED-modules or bulbs, creating an optimal solution in terms of ease of installation and functionality with minimal additional hardware and deployment costs.



## MAIN FEATURES

## SMART

The *Casambi* devices are smart on their own. All the intelligence is replicated in each node leaving no single point of failure. The system itself is in constant consensus based synchronisation.

## CONNECTED

The *Casambi* devices are connected when needed. An Internet connection is not necessary for general operation and day to day functionality. Bluetooth Low Energy is already implemented in smartphones and tablets, so communication can be done without any additional gateways.

## USER FRIENDLY

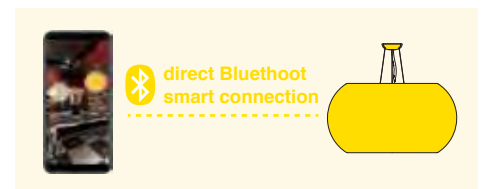
The system is intuitive. When connecting for the first time nodes are automatically pairing. The system can be used and modified by anyone, no commissioning experts are needed.

## WIRELESS &amp; BLUETOOTH LOW ENERGY

The *Casambi* network is based on the Bluetooth Low Energy protocol, which is the most energy efficient and future proof of wireless technologies. The low energy functionality of **BLE** allows developers to make products that run on small coin-cell batteries or energy-harvesting devices, making BLE the best protocol to be used in wireless lighting control applications.

## NO GATEWAYS

BLE was built for Internet of Things (IoT) and has been implemented in all modern smartphones, tablets and even smart watches since the beginning of 2012. This means that no gateway modules or any kind of dongle is needed to control lighting via BLE, which makes a BLE-based lighting control solution more cost effective than solutions built on other wireless technologies.



## NETWORK STRUCTURE

The *Casambi* solution is based on a network structure. *Casambi* units are paired to networks. 127 units can be paired to one network. All the units that are physically in the same area, that the user wants to access at the same time or that should have the same functionality at the same time should be paired to the same network. A network should cover an area that all the users in that area are allowed to control as the access rights are defined per whole network.

## COMMUNICATION

All *Casambi* units form a wireless mesh network. The mesh network contains an algorithm that drives towards a consensus state between each participant. Once consensus is reached the communication will stop. If a unit goes offline it is no longer considered to be part of the consensus group but once it comes back online it will join the group again and catch up with others. In this way the *Casambi* network is more like a consensus based synchronisation engine, rather than a classic mesh network. The communication range between two *Casambi* units is highly dependent on the surrounding and obstacles, such as walls and building materials. In indoor environments the range can be up to 30 m and in outdoor conditions up to 50 m. It is recommended to make communication tests in environments with a lot of signal disturbing materials. Longer ranges can be achieved by using multiple *Casambi* units. **It is also important to consider that in the majority of applications either the user with a smart device or adjacent luminaires containing *Casambi* units are only ever 5 to 10 meters away from each other to provide excellent reliability in the communication network.**

## APP AND FEATURES

With *Casambi*, lighting can be controlled via smartphones, tablets, smart watches, push buttons, switches or wireless switch. To access all the functionality of the *Casambi* networks an app is needed. The app can be downloaded for free from Apple App Store or Google Play Store with the name *Casambi*. The *Casambi* app is continuously updated to maintain compatibility with operating systems.

- Turn on and off your luminaires
- Dim the lighting
- Group luminaires and turn on, off and dim the group as one
- Configure, save and recall scenes
- Configure, save and recall animations
- Fade time adjustments for scenes and animations
- Use the Timer to turn on and off scenes or animations based on time and date
- Adjust colours
- Adjust colour temperatures
- Use motion sensors

- Bluetooth signal strength for geo locationing
- Take pictures from your spaces or upload your lighting layout drawings and add lighting control directly to your picture
- Take sunrise and sunset into account while defining timers
- Get status information from the system
- Update the firmware over-the-air
- System functionality updates over-the-air
- Commissioning support within the app





A series of fixtures for interior wall mounting with energy saving lamps. Their extremely rapid and easy installation together with their simple yet elegant design, make this series of products ideal for offices, lobbies and open-space areas.

**Slimcover:** wall product characterized by luminous effects designed to fade the depth of a room. The light emitted by Slimcover products enables to play with space to create an optical depth which is different from the real dimensions of the space around. Simple shape, precious materials. Single lighting fixture. Suitable for installation in villas or luxury offices.

**Housing:** extruded aluminium

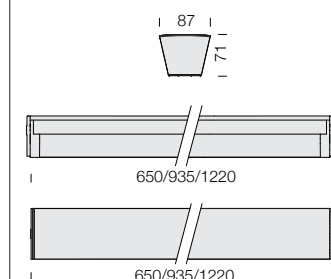
**LED:** luminous flux maintenance 80%: 50.000h (L80B20). Power factor >0.95.

**Upon request:** version with CASAMBI automation lighting control system.

For further information see chapter *Technical components*.



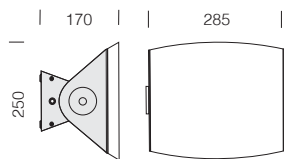
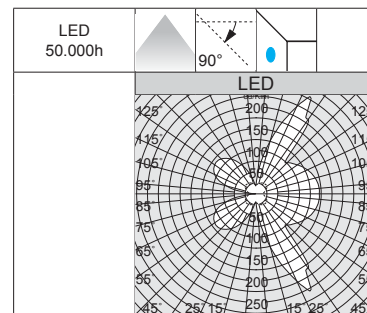
IP40 IK07



**Upon request:** colored versions.

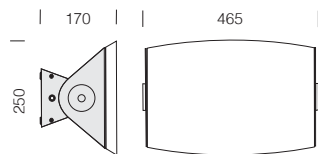
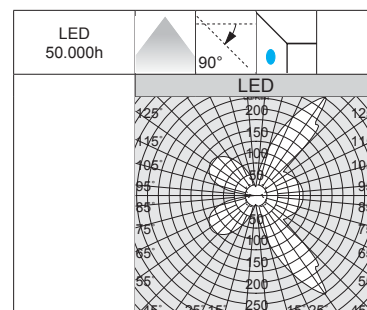
| Slimcover White |        |             |                      |                          |       |                                                   |
|-----------------|--------|-------------|----------------------|--------------------------|-------|---------------------------------------------------|
| LED (700mA)     | colour | CLD<br>code | CLD D-E (1h)<br>code | CLD D-DIG (DALI)<br>code | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm (700mA) - CRI |
| LED 4 modules   | white  | 22183710-00 |                      | 22183710-1241            | 27    | 3000K - 1856lm - CRI>80                           |
| LED 6 modules   |        | 22183810-00 |                      | 22183810-1241            | 41    | 3000K - 2784lm - CRI>80                           |
| LED 8 modules   |        | 22183910-00 | 22183910-94          | 22183910-1241            | 55    | 3000K - 3713lm - CRI>80                           |

IP40 IK07

**Housing:** extruded aluminium.**Reflector:** adjustable angle matt opal polycarbonate diffuser.**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.95.**Cover light 1 - round**

| Cover light 1 - round |        |        |             |       |                                           |
|-----------------------|--------|--------|-------------|-------|-------------------------------------------|
|                       |        | CLD    |             | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI |
| LED                   | colour | weight | code        |       |                                           |
| LED 2 modules         | white  | 1,00   | 22182011-00 | 10    | 3000K - 643lm - CRI>80                    |
|                       | silver |        | 22182071-00 |       |                                           |

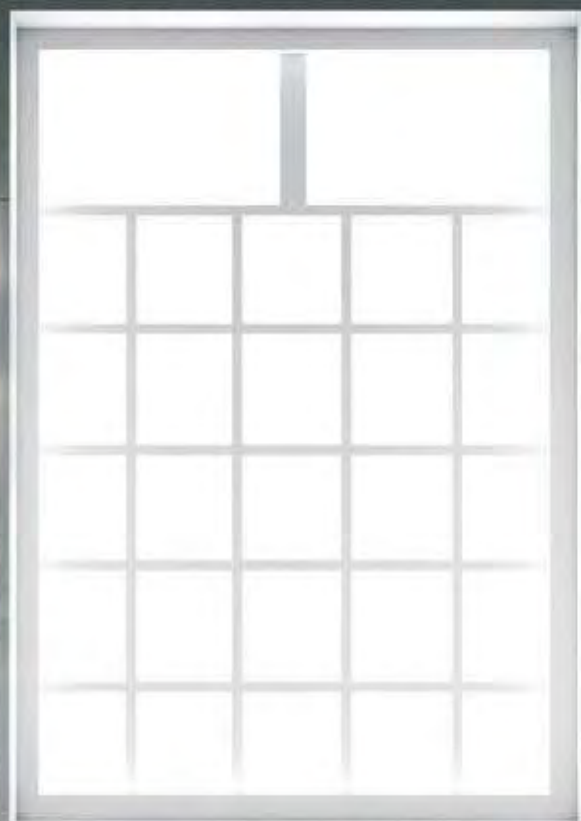
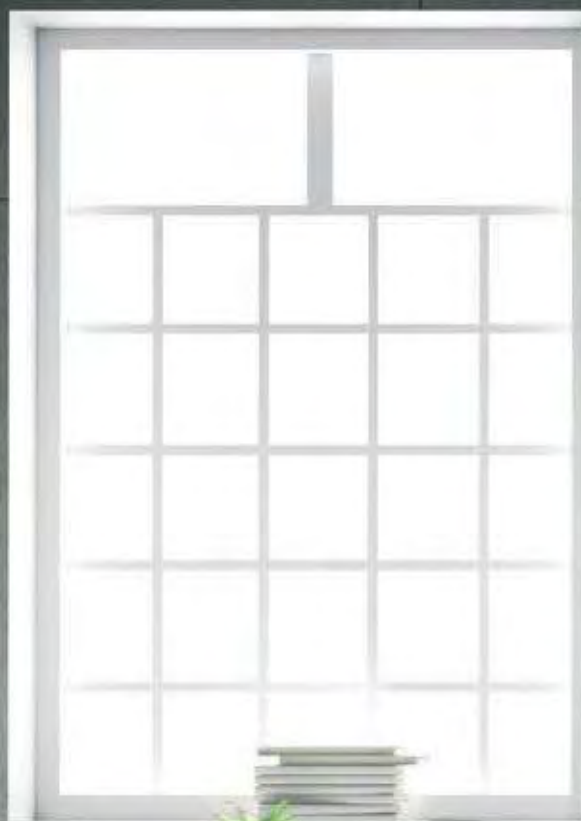
IP40 IK07

**Housing:** extruded aluminium.**Reflector:** adjustable angle matt opal polycarbonate diffuser.**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.95.**Cover light 3 - long round**

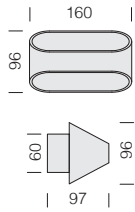
| Cover light 3 - long round |        |        |             |       |                                           |
|----------------------------|--------|--------|-------------|-------|-------------------------------------------|
|                            |        | CLD    |             | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI |
| LED                        | colour | weight | code        |       |                                           |
| LED 2 modules              | silver | 1.50   | 22182273-00 | 15    | 3000K - 1134lm - CRI>80                   |

**Upon request:** Emergency version (3 hours).





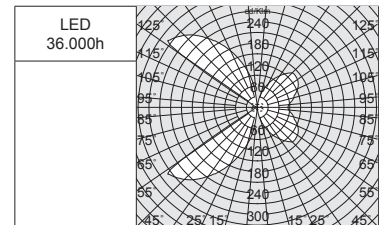
IP40 IK07



Curve is an oval shape wall scone with energy efficiency LED sources. Its design allows obtaining a soft, evenly distributed glow for direct or indirect lighting.

**Housing:** in painted aluminium, designed for wall-mounting.

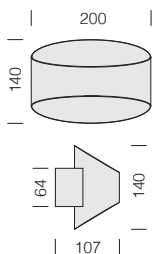
**LED:** luminous flux maintenance 70%: 36.000h (L70B50). Power factor >0.9.



| Curve |        |        |             |                          |                        |
|-------|--------|--------|-------------|--------------------------|------------------------|
|       |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                        |
| LED   | colour | weight | code        | W tot                    | K - ølm - CRI          |
| COB   | white  | 0,50   | 22084811-00 | 6                        | 3000K - 351lm - CRI>80 |

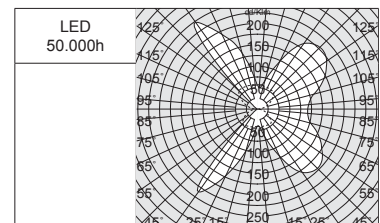


IP40 IK06



**Housing:** in painted aluminium, designed for wall-mounting.

**LED:** luminous flux maintenance 80%: 50.000h (L80B50). Power factor >0.9.



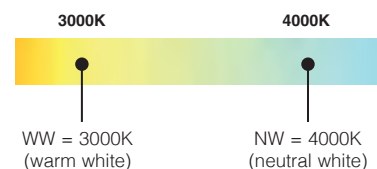
Supplied standard with CCT SWITCH to choose the colour temperature from 3000K or 4000K.

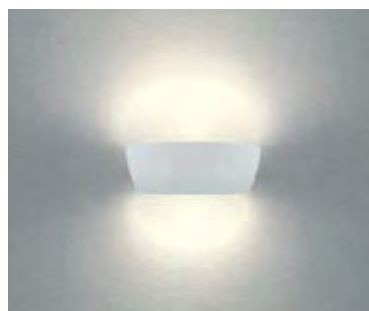
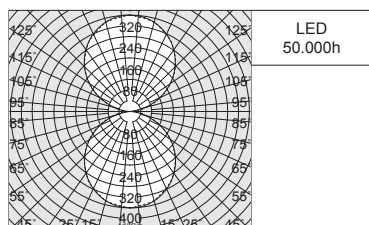


| Curve BICOLOR - CCT SWITCH |             |        |             |                          |                        |
|----------------------------|-------------|--------|-------------|--------------------------|------------------------|
|                            |             | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                        |
| LED                        | colour      | weight | code        | W tot                    | K - ølm - CRI          |
| SMD                        | black/white | 0,50   | 22084832-00 | 8                        | 3000K - 390lm - CRI>80 |
|                            |             |        |             |                          | 4000K - 430lm - CRI>80 |

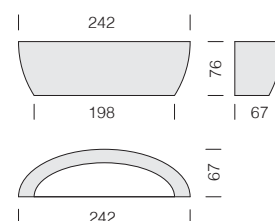


The main feature of this luminaire is the "colour-changing" technology: with the built-in selector switch positioned on the fixture's body, you can choose the desired colour temperature (3000K-4000K), adjusting its emission to most lighting installations.





IP40 IK06



CurveLine is a very small wall sconce, which displays a smooth and compact design making it suitable for decorative lighting applications.

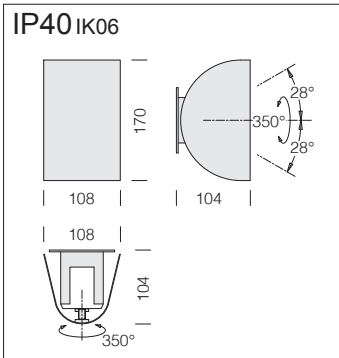
**Housing:** in painted aluminium with matt polycarbonate diffuser, designed for wall-mounting.

**LED:** luminous flux maintenance 80%: 50.000h (L80B50). Power factor >0.9.

| CurveLine |        |      |             |                          |                        |
|-----------|--------|------|-------------|--------------------------|------------------------|
| LED       |        | CLD  |             | LUMEN OUTPUT (tq= 25 °C) |                        |
| colour    | weight | code | W tot       | K - ølm - CRI            |                        |
| SMD       | white  | 0,60 | 22036210-00 | 8                        | 3000K - 750lm - CRI>80 |



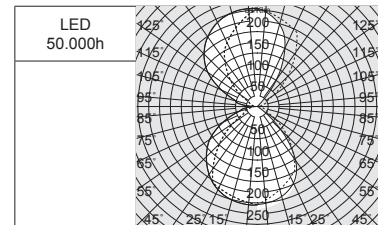




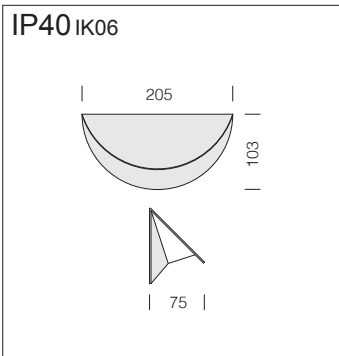
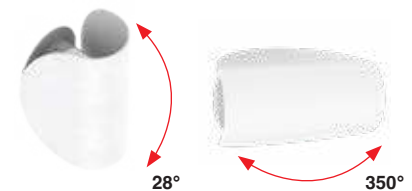
Taco is a small wall sconce, ideal for direct/indirect lighting; easy to install, it features a double rotating shaft that allows the luminaire to be rotated 350° horizontally and 28° vertically to screen the light and create surprising effects.

**Housing:** in painted galvanised steel sheet with matt polycarbonate diffuser, designed for wall-mounting.

**LED:** luminous flux maintenance 80%: 50.000h (L80B50). Power factor >0.9.



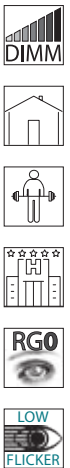
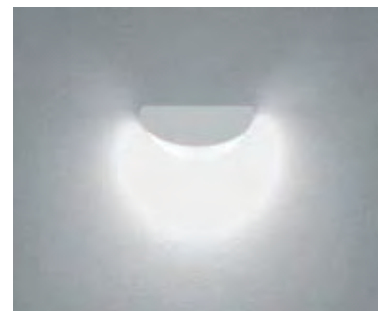
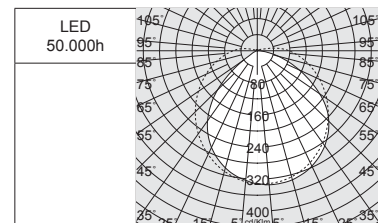
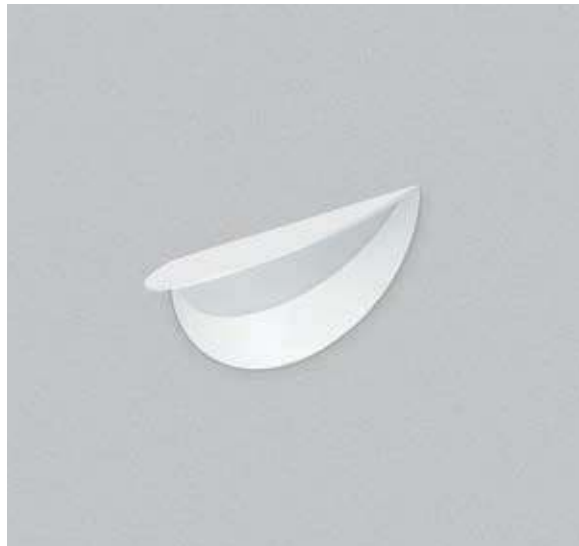
| Taco - adjustable |        |        |             |       |                          |
|-------------------|--------|--------|-------------|-------|--------------------------|
|                   |        | CLD    |             |       | LUMEN OUTPUT (tq= 25 °C) |
| LED               | colour | weight | code        | W tot | K - ølm - CRI            |
| SMD               | white  | 0,70   | 22036110-00 | 8     | 4000K - 700lm - CRI>80   |



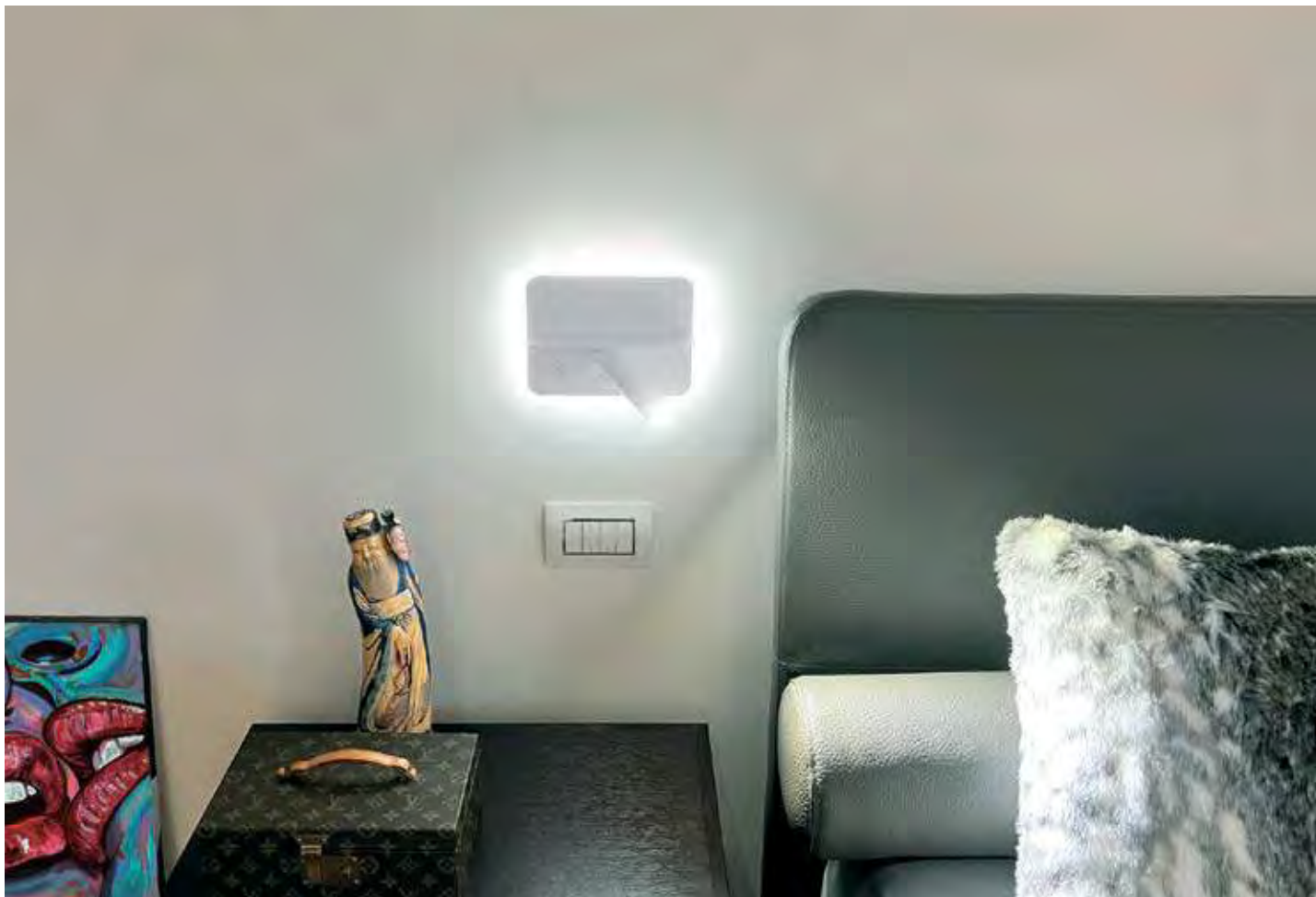
V Moon is a modern yet elegant wall sconce, ideal for rooms where diffused and comfortable lighting is needed.

**Housing:** in painted aluminium with matt polycarbonate diffuser, designed for wall-mounting.

**LED:** luminous flux maintenance 80%: 50.000h (L80B50). Power factor >0.9.



| V Moon |        |        |             |       |                          |
|--------|--------|--------|-------------|-------|--------------------------|
|        |        | CLD D  |             |       | LUMEN OUTPUT (tq= 25 °C) |
| LED    | colour | weight | code        | W tot | K - ølm - CRI            |
| SMD    | white  | 0.40   | 22036010-00 | 10    | 4000K - 700lm - CRI>80   |



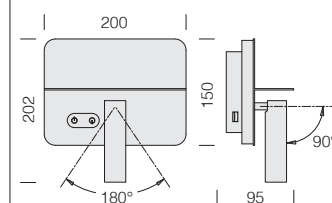
LED  
50.000h



Standard version with: separate switching and dimming touch button for individual control of spotlight and backlight, mobile phone charging stand and 5V 1500mA USB interface (one per side).



IP40 IK06



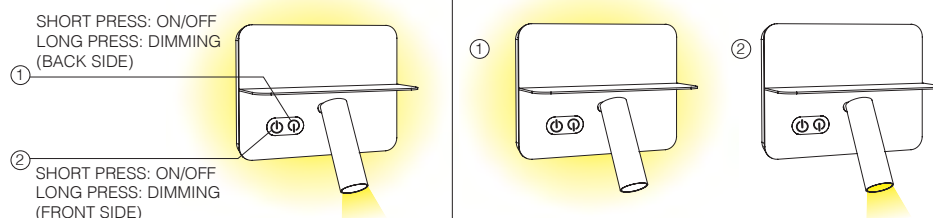
Buddy is a wall sconce ideally suited for bedrooms. The front features a swivelling spotlight with 30° comfort optics while the back has a diffuser to emit soft indirect light, perfect for night-time use.

**Housing:** painted aluminium with (horizontally and vertically) swivelling front spotlight and opal polycarbonate diffuser for indirect lighting. Mobile phone/tablet charging stand, designed for wall mounting.

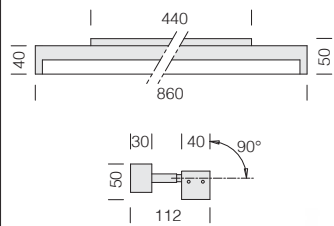
**LED:** luminous flux maintenance 80%: 50.000h (L80B50). Power factor >0.9.

| Buddy - adjustable |        |        |                    |                          |                                                                                   |
|--------------------|--------|--------|--------------------|--------------------------|-----------------------------------------------------------------------------------|
|                    |        |        | CLD D (TOUCH DIMM) | LUMEN OUTPUT (tq= 25 °C) |                                                                                   |
| LED                | colour | weight | code               | W tot                    | K - ølm - CRI                                                                     |
| LED                | white  | 0,80   | 22036310-00        | 9                        | BACKLIGHT: 4000K - 280lm - CRI>80<br>SPOT: 4000K - 340lm - <b>CRI&gt;90</b> - 30° |

Thanks to separate switching and dimming functions, made possible by two convenient touch buttons, you can obtain indirect backlighting for night-time use, or a pleasant light for reading with the swivelling spotlight with anti-glare optics.



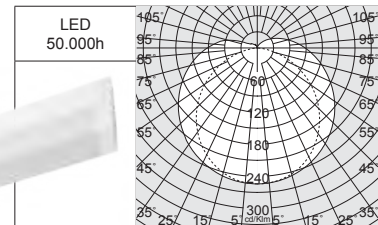
IP40 IK08



Roby 2.0, linear wall sconce for a modern and contemporary design, ideal for bathroom mirror lighting or to provide accent lighting and emphasize decorative elements on vertical surfaces.

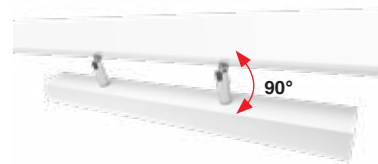
**Housing:** in painted aluminium with matt polycarbonate diffuser, designed for wall-mounting.

**LED:** luminous flux maintenance 80%: 50.000h (L80B50). Power factor >0.9.

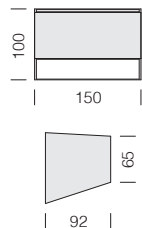


| Roby 2.0 - adjustable |        |        |             |                          |                         |
|-----------------------|--------|--------|-------------|--------------------------|-------------------------|
|                       |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED                   | colour | weight | code        | W tot                    | K - ølm - CRI           |
| SMD                   | white  | 0,90   | 22085710-00 | 15                       | 4000K - 1733lm - CRI>80 |

The lighting fixture can be rotated vertically to emit more diffused lighting.



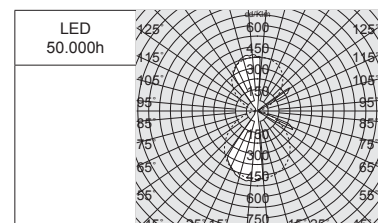
IP54 IK08



Solus is a wall sconce with a linear design and compact dimensions. Its high degree of protection (IP54) makes it ideal for indoor and outdoor lighting applications.

**Housing:** in painted aluminium with matt polycarbonate diffuser, designed for wall-mounting.

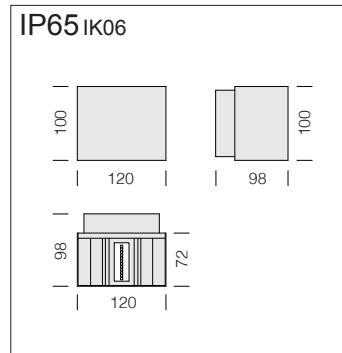
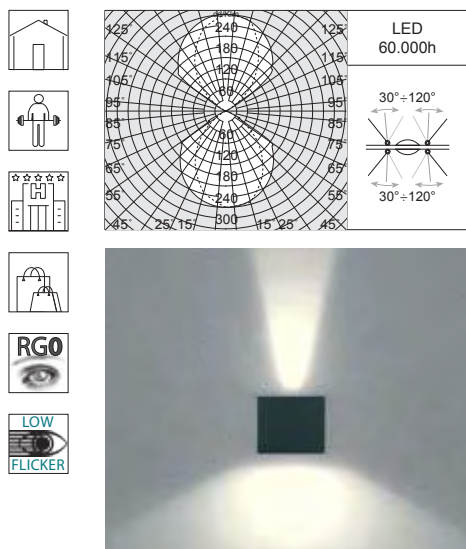
**LED:** luminous flux maintenance 80%: 50.000h (L80B50). Power factor >0.9.



| Solus |        |        |             |                          |                        |
|-------|--------|--------|-------------|--------------------------|------------------------|
|       |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                        |
| LED   | colour | weight | code        | W tot                    | K - ølm - CRI          |
| SMD   | black  | 0,70   | 22036430-00 | 10                       | 3000K - 900lm - CRI>80 |



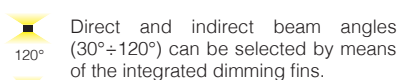




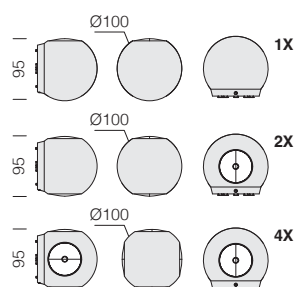
**Housing:** in painted aluminium with clear polycarbonate diffuser, designed for wall-mounting.

**LED:** luminous flux maintenance 80%: 60.000h (L80B10). Power factor >0.9.

| Hecto - adjustable |        |        |             |       |                          |
|--------------------|--------|--------|-------------|-------|--------------------------|
|                    |        | CLD    |             |       | LUMEN OUTPUT (tq= 25 °C) |
| LED                | colour | weight | code        | W tot | K - ølm - CRI            |
| SMD                | black  | 0.50   | 22036830-00 | 10    | 3000K - 830lm - CRI>80   |



IP65 IK06



Light ball is a wall sconce designed to serve as a decorative element. The lenses, strategically placed around its surface, create striking plays of light. Its high degree of protection (IP65) makes it ideal for indoor and outdoor lighting applications.

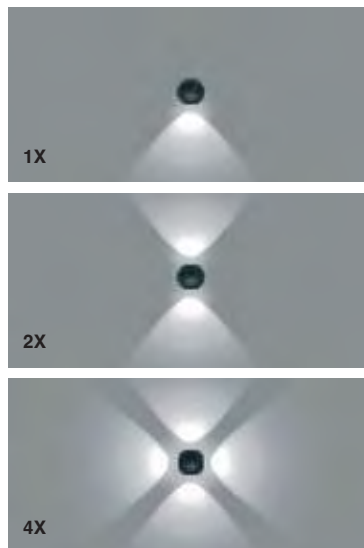
**Housing:** in painted aluminium with clear polycarbonate lenses, designed for wall-mounting.

**LED:** luminous flux maintenance 80%: 60.000h (L80B10). Power factor >0.9.



Supplied standard with CCT SWITCH to choose the colour temperature from 3000K-4000K-5700K.

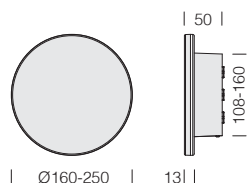
CCT SWITCH



Light ball - CCT SWITCH

| LED    | colour | weight | code        | W tot | LUMEN OUTPUT (tq= 25 °C) |
|--------|--------|--------|-------------|-------|--------------------------|
|        |        |        |             |       | K - ølm - CRI            |
| COB 1X | black  | 0,60   | 22033130-00 | 3     | 3000K - 267lm - CRI>80   |
|        |        |        |             |       | 4000K - 296lm - CRI>80   |
|        |        |        |             |       | 5700K - 307lm - CRI>80   |
| COB 2X | black  | 0,60   | 22033131-00 | 6     | 3000K - 625lm - CRI>80   |
|        |        |        |             |       | 4000K - 720lm - CRI>80   |
|        |        |        |             |       | 5700K - 718lm - CRI>80   |
| COB 4X | black  | 0,60   | 22033132-00 | 8     | 3000K - 753lm - CRI>80   |
|        |        |        |             |       | 4000K - 844lm - CRI>80   |
|        |        |        |             |       | 5700K - 870lm - CRI>80   |

IP65 IK06



Button is a wall sconce featuring an elegant and contemporary design, perfect for seamlessly fitting into any architectural setting. Its bright and uniform light distribution, along with a high protection rating (IP65), makes it ideal for both indoor and outdoor lighting applications.

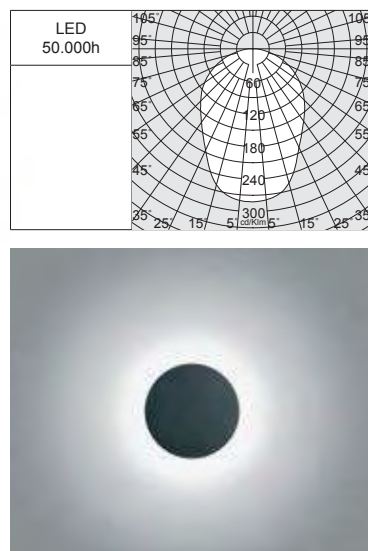
**Housing:** in painted aluminium, with diffuser in matt polycarbonate, designed for wall-mounting.

**LED:** luminous flux maintenance 80%: 50.000h (L80B50). Power factor >0.9.



Supplied standard with CCT SWITCH to choose the colour temperature from 3000K-4000K-5700K.

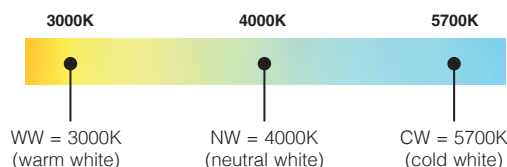
CCT SWITCH

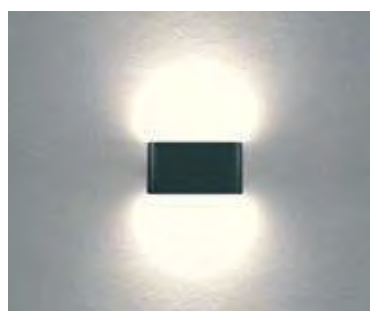
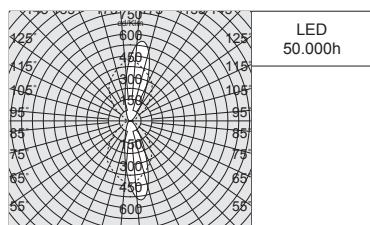
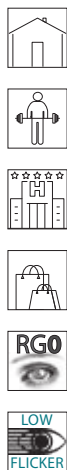


Button - CCT SWITCH

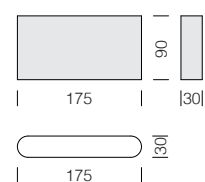
| LED | colour | weight | Ø   | code        | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|--------|--------|-----|-------------|-------|--------------------------|
|     |        |        |     |             |       | K - ølm - CRI            |
| SMD | black  | 0,50   | 160 | 22033030-00 | 8     | 3000K - 532lm - CRI>80   |
|     |        |        |     |             |       | 4000K - 594lm - CRI>80   |
|     |        |        |     |             |       | 5700K - 589lm - CRI>80   |
| SMD | black  | 1,00   | 250 | 22033031-00 | 15    | 3000K - 1086lm - CRI>80  |
|     |        |        |     |             |       | 4000K - 1196lm - CRI>80  |
|     |        |        |     |             |       | 5700K - 1131lm - CRI>80  |

The main feature of this luminaire is the "colour-changing" technology: with the built-in selector switch positioned on the fixture's body, you can choose the desired colour temperature (3000K-4000K-5700K), adjusting its emission to most lighting installations.




**Flat 1 - with WALLWASHER lens**

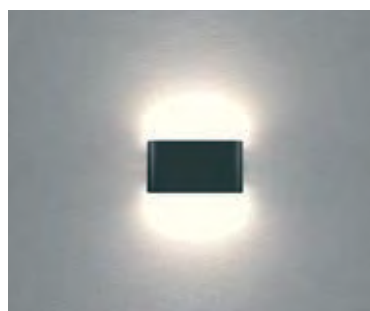
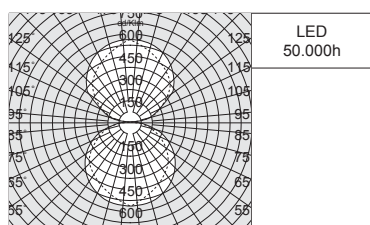
|     |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                        |
|-----|--------|--------|-------------|--------------------------|------------------------|
| LED | colour | weight | code        | W tot                    | K - ølm - CRI          |
| SMD | black  | 0,60   | 22036530-00 | 10                       | 3000K - 940lm - CRI>80 |


**IP65 IK08**


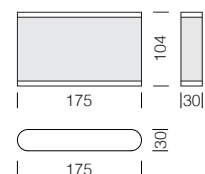
Flat is a wall sconce with an ultra-slim design. With very small dimensions, it can be easily fitted into any architectural context, while its high degree of protection (IP65) makes it ideal for indoor and outdoor lighting applications.

**Housing:** in painted aluminium, wallwasher lens version in clear polycarbonate, designed for wall-mounting.

**LED:** luminous flux maintenance 80%: 50.000h (L80B50). Power factor >0.9.


**Flat 2 - with diffuser**

|     |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                        |
|-----|--------|--------|-------------|--------------------------|------------------------|
| LED | colour | weight | code        | W tot                    | K - ølm - CRI          |
| SMD | black  | 0,60   | 22036630-00 | 10                       | 3000K - 730lm - CRI>80 |

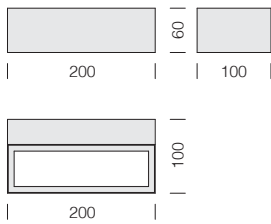

**IP65 IK08**


**Housing:** in painted aluminium, diffuser version in matt polycarbonate, designed for wall-mounting.

**LED:** luminous flux maintenance 80%: 50.000h (L80B50). Power factor >0.9.



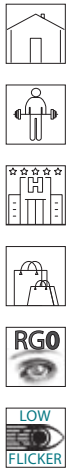
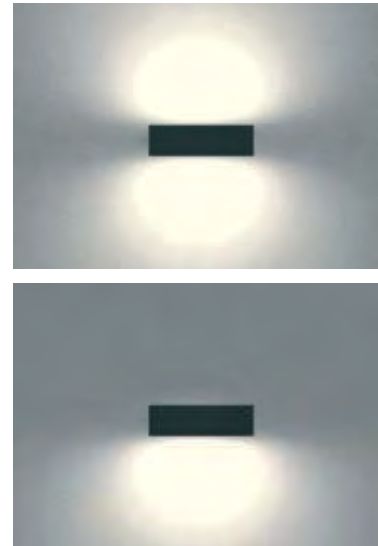
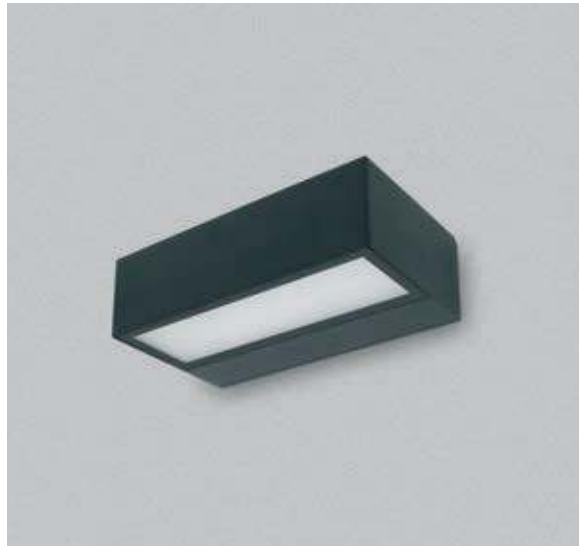
IP65 IK06



Tile is a wall sconce with a linear design and compact dimensions, which includes a special reflector to achieve wall washing lighting effects. Its high degree of protection (IP65) makes it ideal for indoor and outdoor lighting applications.

**Housing:** in painted aluminium with matt glass diffuser, designed for wall-mounting.

**LED:** luminous flux maintenance 80%: 60.000h (L80B10). Power factor >0.9.

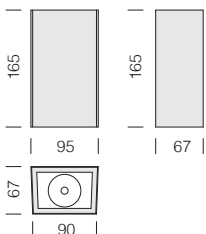


| Tile - WALLWASHER |        |        |             |                          |                        |
|-------------------|--------|--------|-------------|--------------------------|------------------------|
|                   |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                        |
| LED               | colour | weight | code        | W tot                    | K - ølm - CRI          |
| SMD               | black  | 0,80   | 22036730-00 | 10                       | 3000K - 632lm - CRI>80 |

| Tile - WALLWASHER - direct light |        |        |             |                          |                        |
|----------------------------------|--------|--------|-------------|--------------------------|------------------------|
|                                  |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                        |
| LED                              | colour | weight | code        | W tot                    | K - ølm - CRI          |
| SMD                              | black  | 0,80   | 22036731-00 | 10                       | 3000K - 670lm - CRI>80 |

new

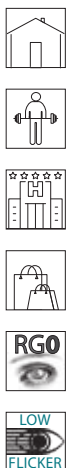
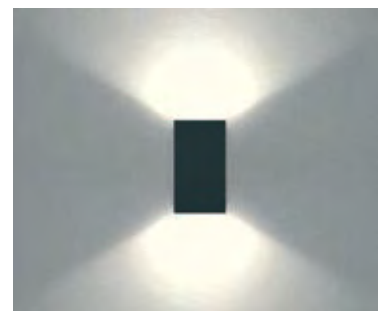
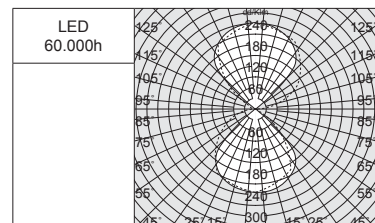
IP65 IK06



Vertical Line is a wall sconce with a linear and compact dimensions; Its design allows obtaining a soft, evenly distributed glow for direct or indirect lighting. Its high degree of protection (IP65) makes it ideal for indoor and outdoor lighting applications.

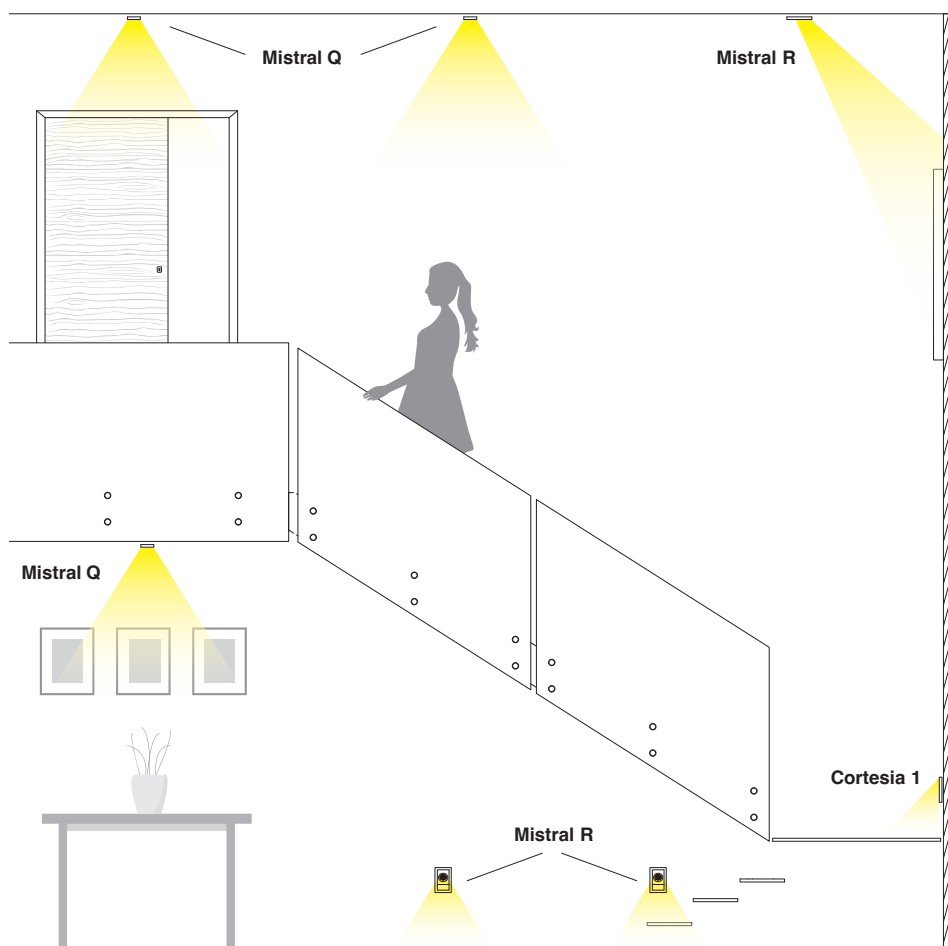
**Housing:** in painted aluminium with glass diffuser, designed for wall-mounting.

**LED:** luminous flux maintenance 80%: 60.000h (L80B10). Power factor >0.9.



| Vertical Line |        |        |             |                          |                        |
|---------------|--------|--------|-------------|--------------------------|------------------------|
|               |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                        |
| LED           | colour | weight | code        | W tot                    | K - ølm - CRI          |
| COB           | black  | 0,70   | 22036930-00 | 10                       | 3000K - 940lm - CRI>80 |



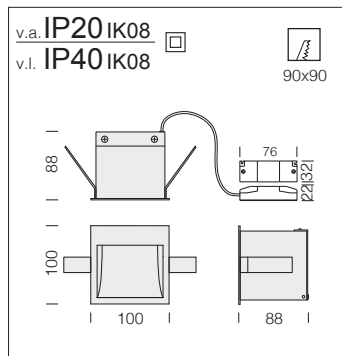


**Cortesia and Mistral** recessed spotlights are ideal for illuminating passageways to serve as a courtesy light or to create ambient lighting. Each of these areas needs the right lighting in order to enhance the space while ensuring safety and visual comfort.

#### Mistral mounting examples:

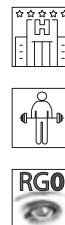
- **Ceiling-mounted Mistral Q** spotlights are used to enhance interiors and decor items.
- **Wall-mounted Mistral R** spotlights are ideal for illuminating corridors, passageways and stairways in order to create an elegant and safe environment; the ceiling-mount version is ideal for creating accent lighting on vertical furniture elements by focusing the light beam on the desired points.

- easy to install on walls/ceilings, including plasterboards and drywalls, thanks to the use of mounting springs.
- equipped with LED CRI 90 - 3000K to ensure high efficiency and low consumption to create a warm and cosy light.
- ideal for homes, offices, shops, supermarkets, bars, cafés, exhibition rooms, museums, restaurants, etc. Also suited for bedrooms, hotels, corridors, stairways.

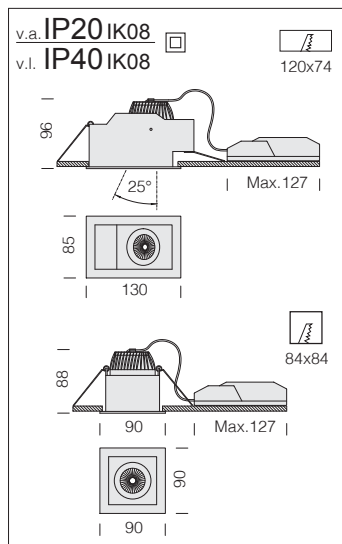


**Housing:** made of sheet steel complete with spring for recessed mounting.

**AMBER**



| Cortesia 1 - AMBER |        |        |             |       |                            |
|--------------------|--------|--------|-------------|-------|----------------------------|
|                    |        | CLD    |             | W tot | LUMEN OUTPUT (tq= 25 °C)   |
| LED                | colour | weight | code        |       | K - ølm - CRI              |
| LED                | black  | 0,40   | 22084511-73 | 2     | 2200K - 7lm - <b>AMBER</b> |

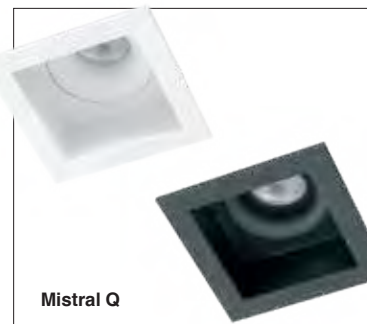
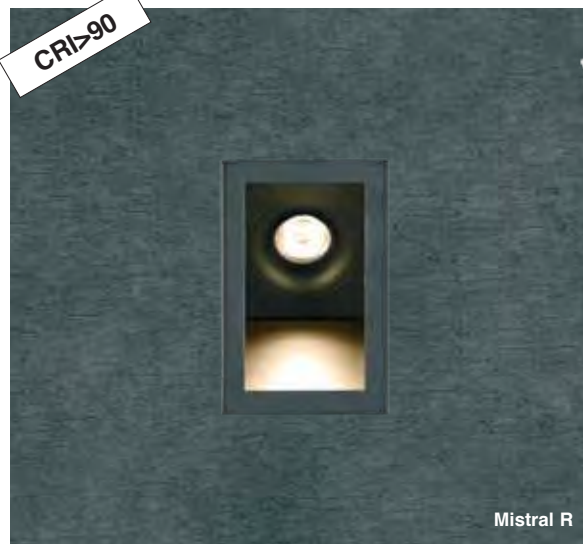


**Housing:** made of aluminium complete with spring for recessed mounting and Mistral R with adjustable LED module (up to 25°).

**Lens:** in PMMA with high efficiency output and very low glare rate.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20). Power factor >0.9.

**CRI>90**



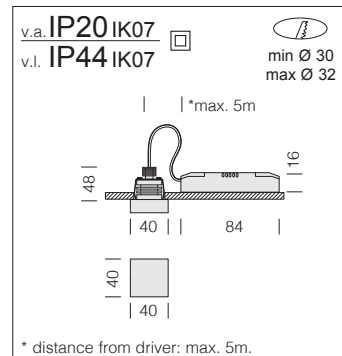
| Mistral R - adjustable |        |        |             |       |                                        |
|------------------------|--------|--------|-------------|-------|----------------------------------------|
|                        |        | CLD    |             | W tot | LUMEN OUTPUT (tq= 25 °C)               |
| LED                    | colour | weight | code        |       | K - ølm - CRI - degrees                |
| LED                    | white  | 0,70   | 22084513-00 | 10    | 3000K - 800lm - <b>CRI&gt;90</b> - 40° |
|                        | black  |        | 22084533-00 |       |                                        |

It can be installed on plasterboard walls/ceilings.

| Mistral Q - fixed |        |        |             |       |                                        |
|-------------------|--------|--------|-------------|-------|----------------------------------------|
|                   |        | CLD    |             | W tot | LUMEN OUTPUT (tq= 25 °C)               |
| LED               | colour | weight | code        |       | K - ølm - CRI - degrees                |
| LED               | white  | 0,60   | 22084514-00 | 10    | 3000K - 800lm - <b>CRI&gt;90</b> - 40° |
|                   | black  |        | 22084534-00 |       |                                        |

It can be installed on plasterboard walls/ceilings.





These small-size, have the advantage of requiring very basic maintenance. Ideal for transit areas and stairs.

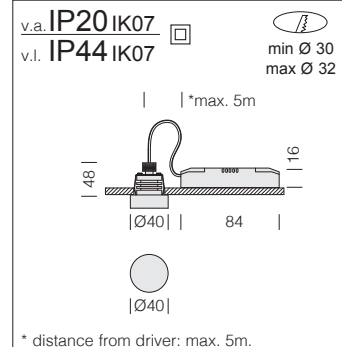
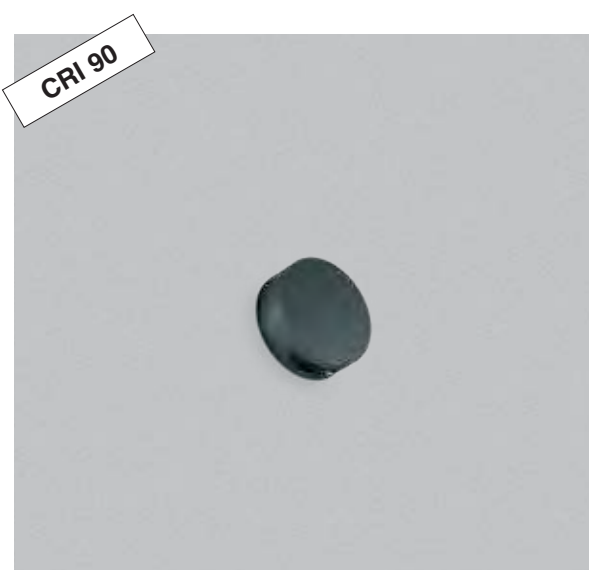
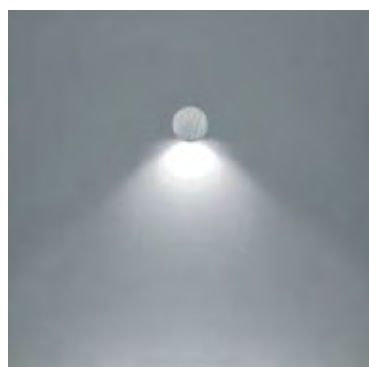
**Housing:** made of aluminium complete with spring for recessed mounting.

**Lens:** directional, with high efficiency output and very low glare rate.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).

**Upon request:** 2700K-6500K version.

| Pathway Q |                 |        |             |       |                          |
|-----------|-----------------|--------|-------------|-------|--------------------------|
| LED       | colour          | weight | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C) |
|           |                 |        | code        |       | K - ølm - CRI            |
| LED       | white           | 0,10   | 22035310-00 | 3     | 4000K - 60lm - CRI 90    |
|           | black           |        | 22035330-00 |       |                          |
|           | nat. oxi. alum. |        | 22035370-00 |       |                          |
| LED       | white           | 0,10   | 22035310-39 | 3     | 3000K - 57lm - CRI 90    |
|           | black           |        | 22035330-39 |       |                          |
|           | nat. oxi. alum. |        | 22035370-39 |       |                          |



These small-size, have the advantage of requiring very basic maintenance. Ideal for transit areas and stairs.

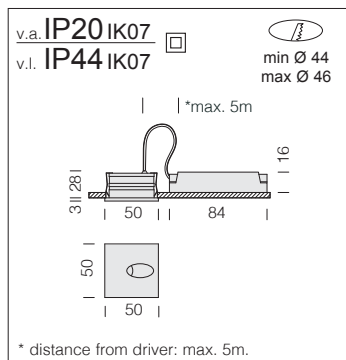
**Housing:** made of aluminium complete with spring for recessed mounting.

**Lens:** directional, with high efficiency output and very low glare rate.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).

**Upon request:** 2700K-6500K version.

| Pathway R |                 |        |             |       |                          |
|-----------|-----------------|--------|-------------|-------|--------------------------|
| LED       | colour          | weight | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C) |
|           |                 |        | code        |       | K - ølm - CRI            |
| LED       | white           | 0,10   | 22035410-00 | 3     | 4000K - 60lm - CRI 90    |
|           | black           |        | 22035430-00 |       |                          |
|           | nat. oxi. alum. |        | 22035470-00 |       |                          |
| LED       | white           | 0,10   | 22035410-39 | 3     | 3000K - 57lm - CRI 90    |
|           | black           |        | 22035430-39 |       |                          |
|           | nat. oxi. alum. |        | 22035470-39 |       |                          |



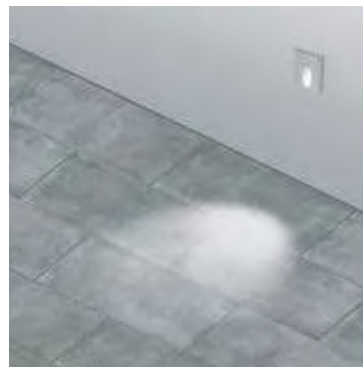
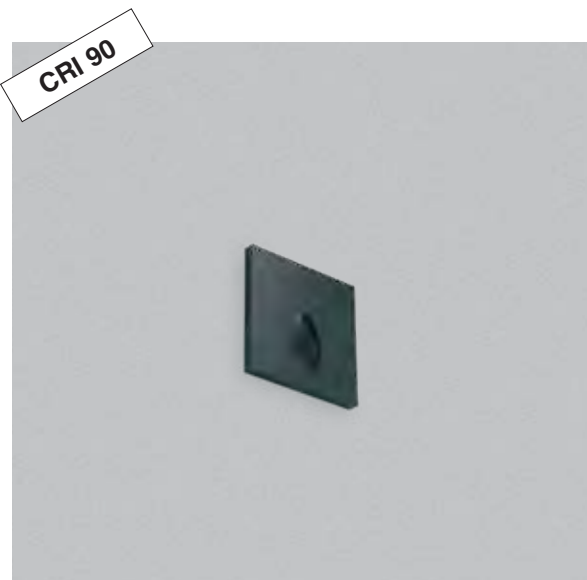
These small-size, have the advantage of requiring very basic maintenance. Ideal for transit areas.

**Housing:** made of aluminium complete with spring for recessed mounting.

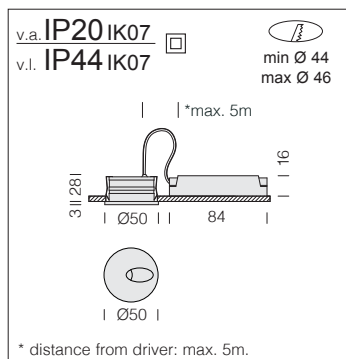
**Lens:** directional, with high efficiency output and very low glare rate.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).

**Upon request:** 2700K-6500K version.



| Pathway Q1 |                 |        |             |       |                          |
|------------|-----------------|--------|-------------|-------|--------------------------|
| LED        | colour          | weight | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C) |
|            |                 |        | code        |       | K - ølm - CRI            |
| LED        | white           | 0,10   | 22035311-00 | 3     | 4000K - 125lm - CRI 90   |
|            | black           |        | 22035331-00 |       |                          |
|            | nat. oxi. alum. |        | 22035371-00 |       |                          |
| LED        | white           | 0,10   | 22035311-39 | 3     | 3000K - 120lm - CRI 90   |
|            | black           |        | 22035331-39 |       |                          |
|            | nat. oxi. alum. |        | 22035371-39 |       |                          |



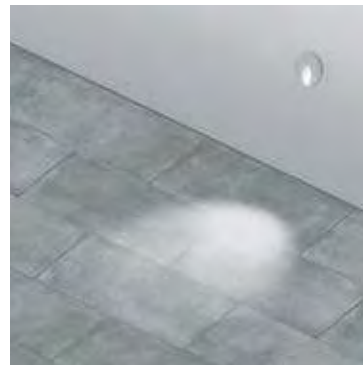
These small-size, have the advantage of requiring very basic maintenance. Ideal for transit areas.

**Housing:** made of aluminium complete with spring for recessed mounting.

**Lens:** directional, with high efficiency output and very low glare rate.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).

**Upon request:** 2700K-6500K version.

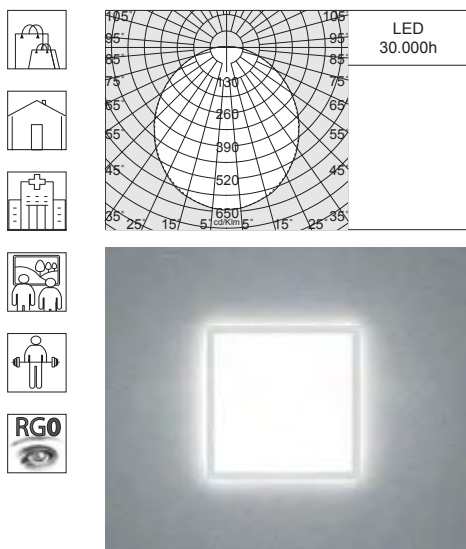


| Pathway R1 |                 |        |             |       |                          |
|------------|-----------------|--------|-------------|-------|--------------------------|
| LED        | colour          | weight | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C) |
|            |                 |        | code        |       | K - ølm - CRI            |
| LED        | white           | 0,10   | 22035411-00 | 3     | 4000K - 125lm - CRI 90   |
|            | black           |        | 22035431-00 |       |                          |
|            | nat. oxi. alum. |        | 22035471-00 |       |                          |
| LED        | white           | 0,10   | 22035411-39 | 3     | 3000K - 120lm - CRI 90   |
|            | black           |        | 22035431-39 |       |                          |
|            | nat. oxi. alum. |        | 22035471-39 |       |                          |

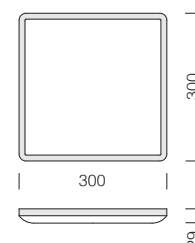


Ceiling-mounted LED wall sconce with a modern, ultra-slim design, available in round or square versions, easy to install on the wall or ceiling.

Cosmic serves as a stylish furnishing solution to create soft, diffused, and decorative lighting and backlighting effects in hotel lounges, shopping centre corridors, restaurant entrances and executive offices.



IP40 IK04



**Housing/diffuser:** thermoplastic material, resistant to small impacts; designed for wall/ceiling mounting

**LED:** luminous flux maintenance 80% 30.000h (L80B10).

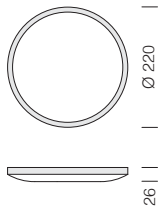
Power factor >0.9.

Photobiological safety class: exempt group.

| Cosmic Q - DECOR LINE |        |        |         |             |                          |                         |
|-----------------------|--------|--------|---------|-------------|--------------------------|-------------------------|
|                       |        | CLD    |         |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED                   | colour | weight | mm      | code        | W tot                    | K - ølm - CRI           |
| LED                   | white  | 0,80   | 300x300 | 22046210-00 | 18                       | 4000K - 1620lm - CRI>80 |



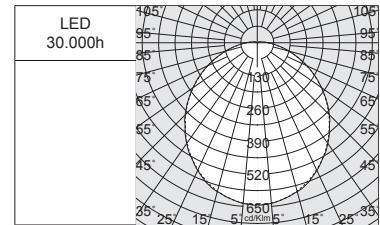
IP54 IK04



**Housing/diffuser:** thermoplastic material, resistant to small impacts; designed for wall/ceiling mounting

**LED:** luminous flux maintenance 80% 30.000h (L80B10).  
Power factor >0.9.  
Photobiological safety class: exempt group.

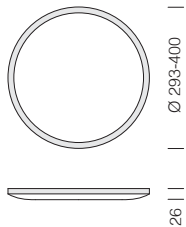
CCT SWITCH



## Cosmic R - CCT SWITCH - DECOR LINE

| LED | colour | CLD    |      |             | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|--------|--------|------|-------------|-------|--------------------------|
|     |        | weight | Ø mm | code        |       | K - ølm - CRI            |
| LED | white  | 0,70   | 220  | 22046313-00 | 18    | 3000K - 1589lm - CRI>80  |
|     |        |        |      |             |       | 4000K - 1877lm - CRI>80  |
|     |        |        |      |             |       | 5700K - 1709lm - CRI>80  |

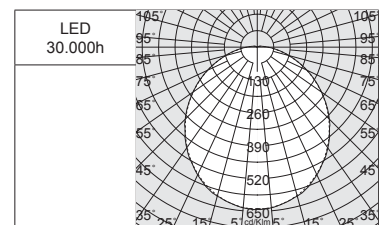
IP54 IK04



**Housing/diffuser:** thermoplastic material, resistant to small impacts; designed for wall/ceiling mounting

**LED:** luminous flux maintenance 80% 30.000h (L80B10).  
Power factor >0.9.  
Photobiological safety class: exempt group.

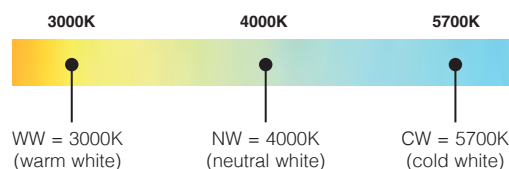
CCT SWITCH



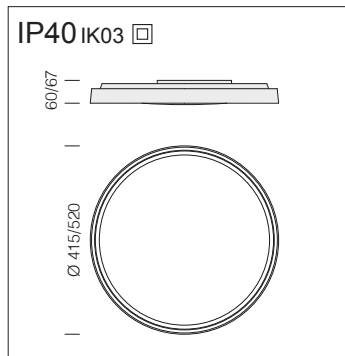
## Cosmic R - CCT SWITCH - DECOR LINE

| LED | colour | CLD    |      |             | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|--------|--------|------|-------------|-------|--------------------------|
|     |        | weight | Ø mm | code        |       | K - ølm - CRI            |
| LED | white  | 0,70   | 293  | 22046311-00 | 24    | 3000K - 2427lm - CRI>80  |
|     |        |        |      |             |       | 4000K - 2734lm - CRI>80  |
|     |        |        |      |             |       | 5700K - 2574lm - CRI>80  |
| LED | white  | 0,90   | 400  | 22046312-00 | 36    | 3000K - 3835lm - CRI>80  |
|     |        |        |      |             |       | 4000K - 4340lm - CRI>80  |
|     |        |        |      |             |       | 5700K - 4051lm - CRI>80  |

The main feature of this luminaire is the "colour-changing" technology: with the built-in selector switch positioned on the fixture's body, you can choose the desired colour temperature (3000K-4000K-5700K), adjusting its emission to most lighting installations.





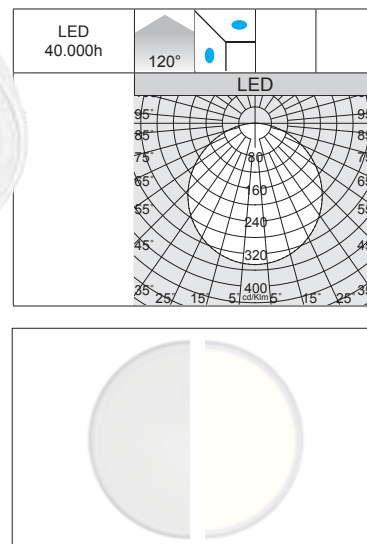


**Rond** surface-mounted luminaire with multiple decorative possibilities, ideal for creating lighting effects in the hospitality sector.

**Housing:** ABS; designed for wall/ceiling mounting.

**Diffuser:** vandal-resistant, self-extinguishing polycarbonate.

**LED:** luminous flux maintenance 80%: 40.000h (L80B20). Power factor >0.9.



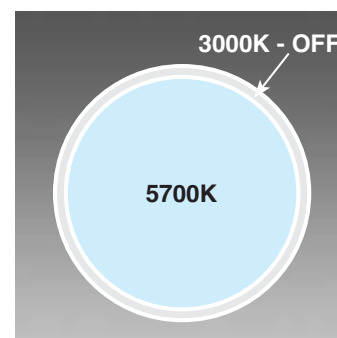
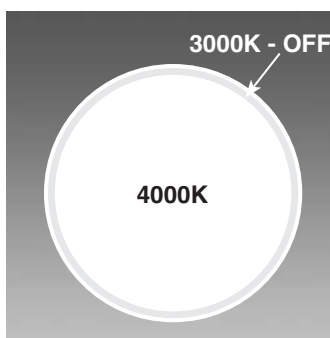
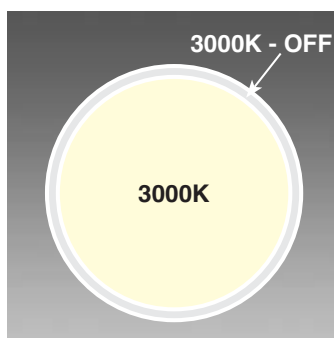
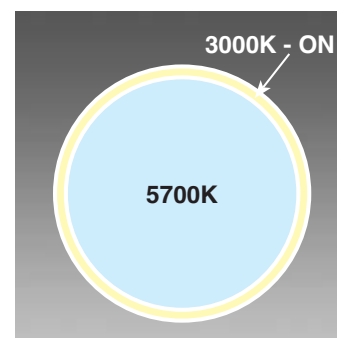
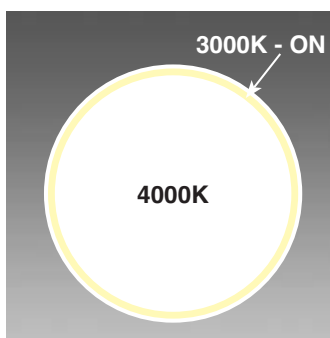
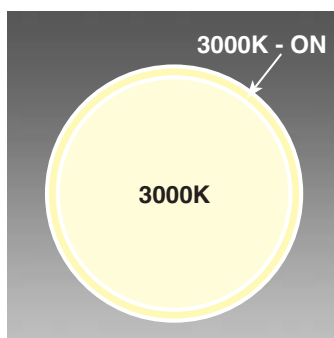
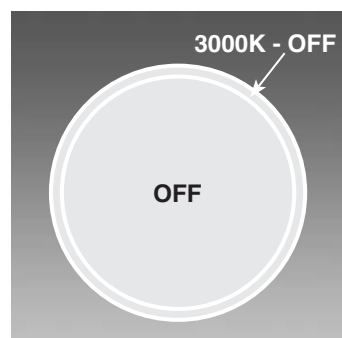
| Rond 415 - CCT MULTICOLOR |        |        |      |             |                          |                         |
|---------------------------|--------|--------|------|-------------|--------------------------|-------------------------|
|                           |        | CLD    |      |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED                       | colour | weight | Ø mm | code        | W tot                    | K - ølm - CRI           |
| LED                       | white  | 1,70   | 415  | 22046410-00 | 24+8                     | 3000K - 1425lm - CRI>80 |
|                           |        |        |      |             |                          | 4000K - 1500lm - CRI>80 |
|                           |        |        |      |             |                          | 5700K - 1500lm - CRI>80 |

| Rond 520 - CCT MULTICOLOR |        |        |      |             |                          |                         |
|---------------------------|--------|--------|------|-------------|--------------------------|-------------------------|
|                           |        | CLD    |      |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED                       | colour | weight | Ø mm | code        | W tot                    | K - ølm - CRI           |
| LED                       | white  | 1,70   | 520  | 22046411-00 | 45+12                    | 3000K - 2565lm - CRI>80 |
|                           |        |        |      |             |                          | 4000K - 2700lm - CRI>80 |
|                           |        |        |      |             |                          | 5700K - 2700lm - CRI>80 |

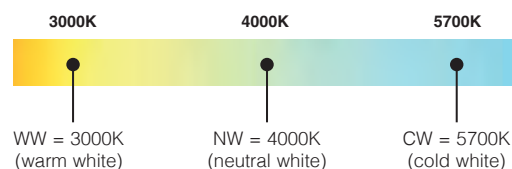


Complete with included remote control to:

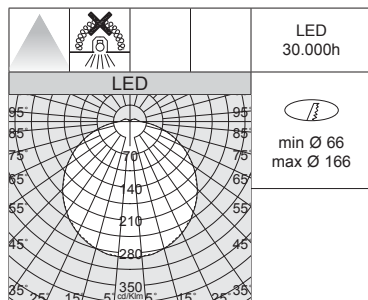
- switch the perimeter lights on/off (3000K only)
- switch from warm light (3000K) to neutral light (4000K) or cold light (5700K)
- dim the intensity of the lights (non-dimmable perimeter light)



The main feature of this luminaire is the "colour-changing" technology: with the included remote control, you can choose the desired colour temperature (3000K-4000K-5700K), adjusting its emission to most lighting installations.



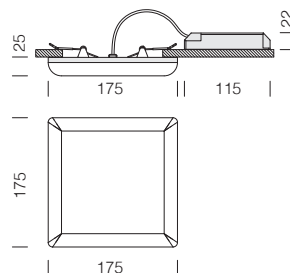




175X175mm



v.a. IP20 IK07  
v.l. IP40 IK07



**Housing/ heatsink:** die-cast aluminium.

**Diffuser:** In clear polycarbonate, anti-dazzle, vandal resistant.

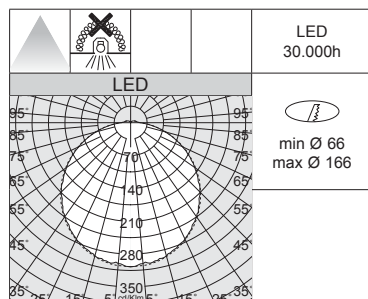
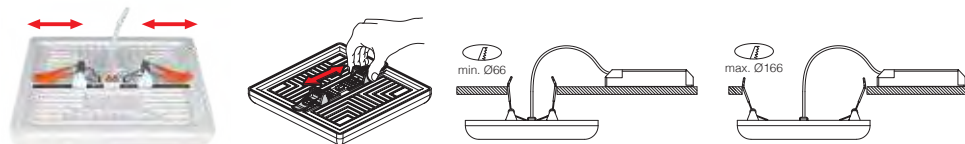
**Equipment:** complete with adjustable fastening bracket for recess mounting.

**LED:** luminous flux maintenance 80% 30.000h (L80B20). Power factor >0.9.

Photobiological safety class: exempt group.

| Mini Pastilla Q |        |        |         |             |                           |                         |
|-----------------|--------|--------|---------|-------------|---------------------------|-------------------------|
|                 |        | CLD    |         |             | LUMEN USCENTI (tq= 25 °C) |                         |
| LED             | colour | weight | mm      | code        | W tot                     | K - ølm - CRI           |
| LED             | white  | 0,30   | 175x175 | 22046010-00 | 24                        | 3000K - 2210lm - CRI>80 |

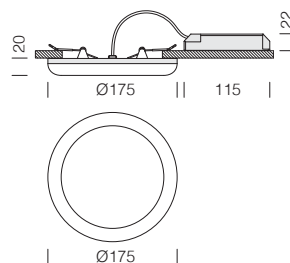
**Mini Pastilla** is an energy-efficiency LED fixture, suited for the retrofitting of traditional lamps for any application. The adjustable fastening bracket allows recessed installation into holes having a diameter ranging between 66 mm and 166 mm.



Ø175mm



v.a. IP20 IK07  
v.l. IP40 IK07



**Housing/ heatsink:** die-cast aluminium.

**Diffuser:** In clear polycarbonate, anti-dazzle, vandal resistant.

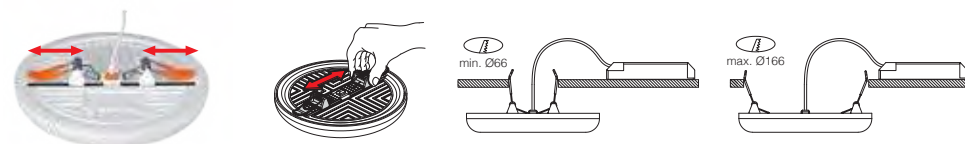
**Equipment:** complete with adjustable fastening bracket for recess mounting.

**LED:** luminous flux maintenance 80% 30.000h (L80B20). Power factor >0.9.

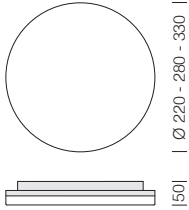
Photobiological safety class: exempt group.

| Mini Pastilla |        |        |     |             |                          |                         |
|---------------|--------|--------|-----|-------------|--------------------------|-------------------------|
|               |        | CLD    |     |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED           | colour | weight | mm  | code        | W tot                    | K - ølm - CRI           |
| LED           | white  | 0,30   | 175 | 22046110-00 | 24                       | 3000K - 2308lm - CRI>80 |

**Mini Pastilla** is an energy-efficiency LED fixture, suited for the retrofitting of traditional lamps for any application. The adjustable fastening bracket allows recessed installation into holes having a diameter ranging between 66 mm and 166 mm.



IP65 IK07

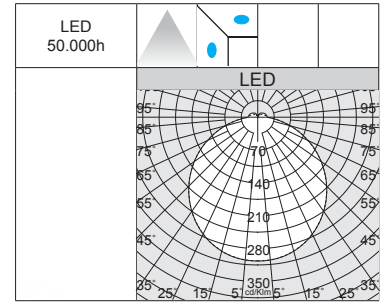


**Housing:** vandal-resistant, self-extinguishing polycarbonate.

**Diffuser:** In clear polycarbonate, anti-dazzle, vandal resistant.

**Equipment:** supplied with bracket for ceiling/wall installation.

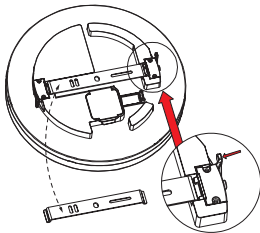
**LED:** luminous flux maintenance 80% 50.000h (L80B20). Power factor >0.9. Photobiological safety class: exempt group.



(1) - Ø220mm

(2) - Ø280mm

(3) - Ø330mm



| Pastilla |        |        |      |             |                          |                         |
|----------|--------|--------|------|-------------|--------------------------|-------------------------|
|          |        | CLD    |      |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED      | colour | weight | Ø mm | code        | W tot                    | K - ølm - CRI           |
| (1) LED  | white  | 0,60   | 220  | 22042510-00 | 15                       | 3000K - 1328lm - CRI>80 |
|          |        |        |      | 22042511-00 |                          | 4000K - 1444lm - CRI>80 |
| (2) LED  | white  | 0,80   | 280  | 22042512-00 | 18                       | 3000K - 1651lm - CRI>80 |
|          |        |        |      | 22042513-00 |                          | 4000K - 1796lm - CRI>80 |
| (3) LED  | white  | 1,30   | 330  | 22042514-00 | 24                       | 3000K - 2273lm - CRI>80 |
|          |        |        |      | 22042515-00 |                          | 4000K - 2473lm - CRI>80 |

| Pastilla - with light / presence sensor (stepDIM) |        |                      |      |             |                          |                         |
|---------------------------------------------------|--------|----------------------|------|-------------|--------------------------|-------------------------|
|                                                   |        | CLD (sensor stepDIM) |      |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED                                               | colour | weight               | Ø mm | code        | W tot                    | K - ølm - CRI           |
| (2) LED                                           | white  | 0,80                 | 280  | 22042512-19 | 18                       | 3000K - 1651lm - CRI>80 |
|                                                   |        |                      |      | 22042513-19 |                          | 4000K - 1796lm - CRI>80 |
| (3) LED                                           | white  | 1,30                 | 330  | 22042514-19 | 24                       | 3000K - 2273lm - CRI>80 |
|                                                   |        |                      |      | 22042515-19 |                          | 4000K - 2473lm - CRI>80 |



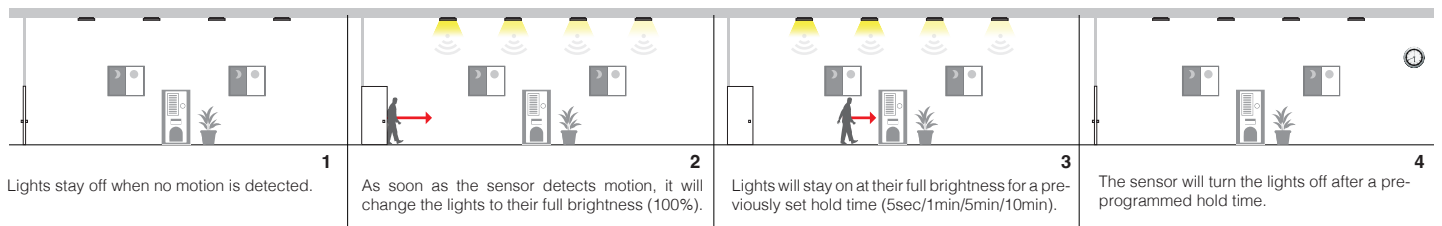
**Built-in stepDIM RADAR SENSOR (sub-code -19):** an electronic device that immediately detects any presence entering its range. When the sensor reads motion inside its range, lights will stay on. When it no longer senses motion and based on the lighting level in its range the sensor will either dim lights after a standby time according to the defined step or turn them off after a pre-programmed time.

The package includes a standard remote control, allowing you to quickly and easily adjust or change parameters after installation, without the need to access the device directly.

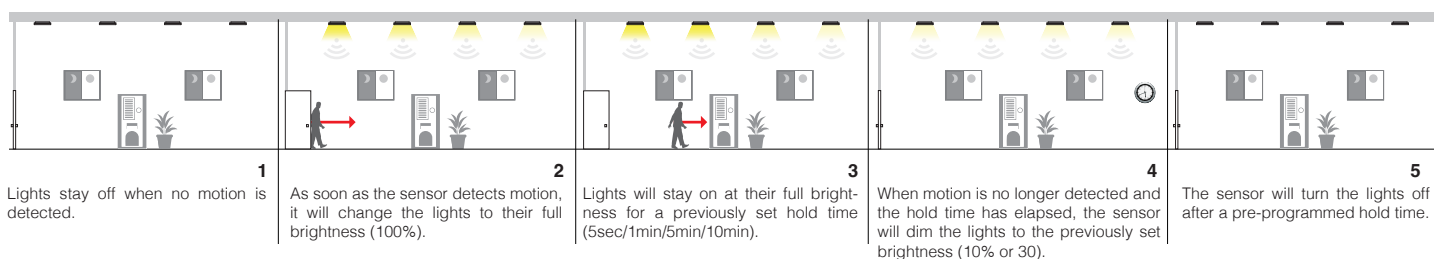


|  |                                                                                                                                                            |  |                                                                                                                                  |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------|
|  | Press the "ON/OFF" button to toggle the light on/off, disabling the sensor. Short press the "M/R" button to activate the sensor.                           |  | Short press the "DIM+/DIM-" button to adjust brightness. The level of brightness will adjust in 5% increments, from 50% to 100%. |
|  | Short press the "M/R" button to restore all parameters back to the last settings. Long press the "M/R" button to reset all parameters to factory settings. |  | Stand-by period: sets the stand-up time to 0s/1min/30min/+∞.                                                                     |
|  | Stand-by dim level: sets the stand-by dim level to 10%/30%.                                                                                                |  | Daylight sensor: sets daylight threshold to 5lux/15lux/50lux/disabled                                                            |
|  | Detection Area: sets the detection area to 25%/ 50%/100%.                                                                                                  |  | Hold time: sets the hold time to 5s/1min/5min/10min                                                                              |

#### EXAMPLE OF SAFETY MODE OPERATION (LIGHTING LEVEL OFF)

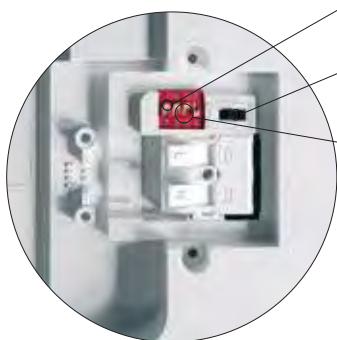


#### EXAMPLE OF ENERGY-SAVING MODE OPERATION (LIGHTING LEVEL OFF)





**Pastilla CCT / POWER SWITCH :** in a single body frame, you have a fully equipped luminaire designed to meet any need, including the possibility to select the desired colour temperature (3000K-4000K-5700K) in 2 power wattages, maintaining aesthetic continuity and differentiating the amount of light emitted.



**POWER SWITCH =** with this integrated switch you can select the fixture's total wattage, 10W/15W - 13W/18W - 17W/24W.

**CCT SWITCH =** with this integrated switch you can select the desired light colour, 3000K - 4000K - 5700K.

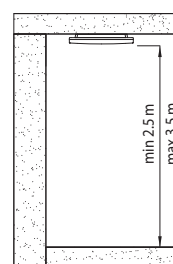
**ON-OFF LIGHT SENSOR / PRESENCE (sub-code -19):** is an automatic sensor that immediately sense the presence of people's movements and anyone walking past. When there is movement within the sensor's detection range, the light will remain ON. When no further movement is detected, the light will switch OFF after a pre-set time.

| DIP | 2  | 3  | TIME  |
|-----|----|----|-------|
| I   | ON | ON | 5sec  |
| II  | ON | -  | 1min  |
| III | -  | ON | 3min  |
| IV  | -  | -  | 10min |

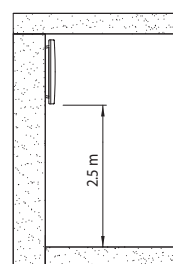
**HOLD-TIME:**  
is the period of time the light will stay ON after the sensor has been triggered.

| DIP | 4  | LUX      |
|-----|----|----------|
| I   | ON | 25lux    |
| II  | -  | *Disable |

**DAYLIGHT THRESHOLD:**  
Daylight sensor takes priority over the motion sensor. Set threshold according to specific needs.  
\*Disable it to allow motion detection only.

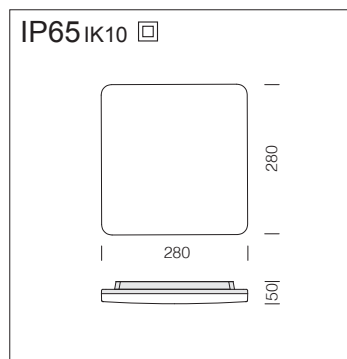


Ceiling installation.

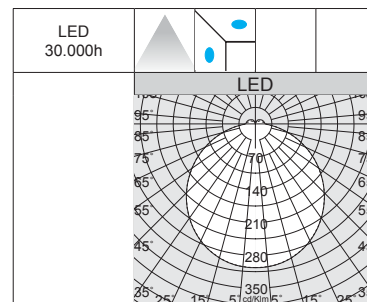


Wall installation.

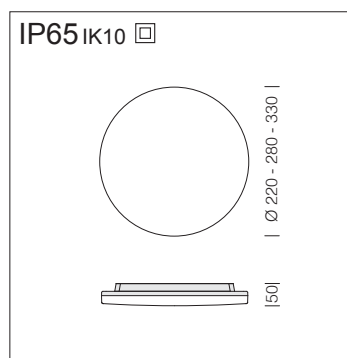




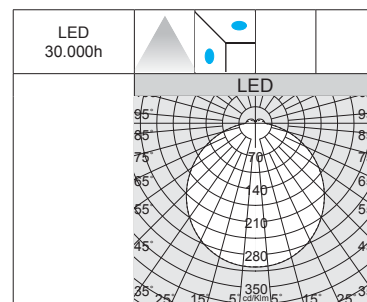
**LED:** luminous flux maintenance 80% 30.000h (L80B20).  
Power factor >0.9.  
Photobiological safety class: exempt group.



| Pastilla Q - CCT/POWER SWITCH |        |        |         |             |                     |       |                          |
|-------------------------------|--------|--------|---------|-------------|---------------------|-------|--------------------------|
| LED                           | colour | weight | mm      | CLD         | CLD (sensor ON-OFF) | W tot | LUMEN OUTPUT (tq= 25 °C) |
|                               |        |        |         | code        | code                |       | K - ølm - CRI            |
| LED                           | white  | 0.80   | 280x280 | 22042613-00 | 22042613-19         | 13    | 3000K - 1359lm - CRI>80  |
|                               |        |        |         |             |                     |       | 4000K - 1482lm - CRI>80  |
|                               |        |        |         |             |                     |       | 5700K - 1420lm - CRI>80  |
|                               |        |        |         |             |                     | 18    | 3000K - 1881lm - CRI>80  |
|                               |        |        |         |             |                     |       | 4000K - 2052lm - CRI>80  |
|                               |        |        |         |             |                     |       | 5700K - 1967lm - CRI>80  |

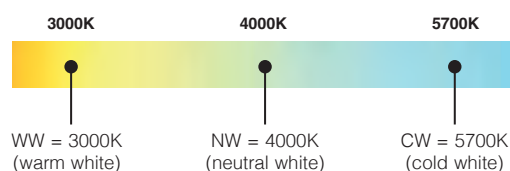


**LED:** luminous flux maintenance 80% 30.000h (L80B20).  
Power factor >0.9.  
Photobiological safety class: exempt group.



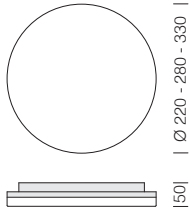
| Pastilla - CCT/POWER SWITCH |        |        |      |             |                     |       |                          |
|-----------------------------|--------|--------|------|-------------|---------------------|-------|--------------------------|
| LED                         | colour | weight | Ø mm | CLD         | CLD (sensor ON-OFF) | W tot | LUMEN OUTPUT (tq= 25 °C) |
|                             |        |        |      | code        | code                |       | K - ølm - CRI            |
| LED                         | white  | 1.00   | 220  | 22042516-00 | 22042516-19         | 10    | 3000K - 950lm - CRI>80   |
|                             |        |        |      |             |                     |       | 4000K - 1055lm - CRI>80  |
|                             |        |        |      |             |                     |       | 5700K - 998lm - CRI>80   |
|                             |        |        |      |             |                     | 15    | 3000K - 1425lm - CRI>80  |
|                             |        |        |      |             |                     |       | 4000K - 1568lm - CRI>80  |
|                             |        |        |      |             |                     |       | 5700K - 1496lm - CRI>80  |
| LED                         | white  | 1.00   | 280  | 22042517-00 | 22042517-19         | 13    | 3000K - 1359lm - CRI>80  |
|                             |        |        |      |             |                     |       | 4000K - 1482lm - CRI>80  |
|                             |        |        |      |             |                     |       | 5700K - 1420lm - CRI>80  |
|                             |        |        |      |             |                     | 18    | 3000K - 1881lm - CRI>80  |
|                             |        |        |      |             |                     |       | 4000K - 2052lm - CRI>80  |
|                             |        |        |      |             |                     |       | 5700K - 1967lm - CRI>80  |
| LED                         | white  | 1.00   | 330  | 22042518-00 | 22042518-19         | 17    | 3000K - 1857lm - CRI>80  |
|                             |        |        |      |             |                     |       | 4000K - 2019lm - CRI>80  |
|                             |        |        |      |             |                     |       | 5700K - 1938lm - CRI>80  |
|                             |        |        |      |             |                     | 24    | 3000K - 2622lm - CRI>80  |
|                             |        |        |      |             |                     |       | 4000K - 2850lm - CRI>80  |
|                             |        |        |      |             |                     |       | 5700K - 2736lm - CRI>80  |

The main feature of this luminaire is the "colour-changing" technology: with the built-in selector switch positioned on the fixture's body, you can choose the desired colour temperature (3000K-4000K-5700K), adjusting its emission to most lighting installations.

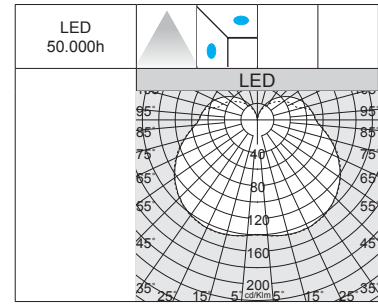




IP65 IK07



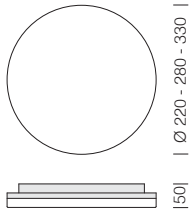
**LED:** luminous flux maintenance 80% 50.000h (L80B20).  
Power factor >0.9.  
Photobiological safety class: exempt group.



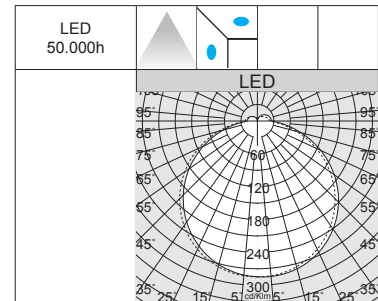
| Pastilla Screen 1 |        |        |      |             |                          |                        |
|-------------------|--------|--------|------|-------------|--------------------------|------------------------|
|                   |        | CLD    |      |             | LUMEN OUTPUT (tq= 25 °C) |                        |
| LED               | colour | weight | Ø mm | code        | W tot                    | K - ølm - CRI          |
| (1) LED           | white  | 0.60   | 220  | 22042810-39 | 15                       | 3000K - 254lm - CRI>80 |
|                   |        |        |      | 22042810-00 |                          | 4000K - 267lm - CRI>80 |
| (2) LED           | white  | 0.80   | 280  | 22042811-39 | 18                       | 3000K - 225lm - CRI>80 |
|                   |        |        |      | 22042811-00 |                          | 4000K - 237lm - CRI>80 |
| (3) LED           | white  | 1,10   | 330  | 22042812-39 | 24                       | 3000K - 258lm - CRI>80 |
|                   |        |        |      | 22042812-00 |                          | 4000K - 271lm - CRI>80 |

Pastilla with shielded diffuser that minimizes direct glare and creates amazing light effects.

IP65 IK07



**LED:** luminous flux maintenance 80% 50.000h (L80B20).  
Power factor >0.9.  
Photobiological safety class: exempt group.



| Pastilla Screen 2 |        |        |      |             |                          |                         |
|-------------------|--------|--------|------|-------------|--------------------------|-------------------------|
|                   |        | CLD    |      |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED               | colour | weight | Ø mm | code        | W tot                    | K - ølm - CRI           |
| (1) LED           | white  | 0.60   | 220  | 22042910-39 | 15                       | 3000K - 772lm - CRI>80  |
|                   |        |        |      | 22042910-00 |                          | 4000K - 813lm - CRI>80  |
| (2) LED           | white  | 0.80   | 280  | 22042911-39 | 18                       | 3000K - 988lm - CRI>80  |
|                   |        |        |      | 22042911-00 |                          | 4000K - 1040lm - CRI>80 |
| (3) LED           | white  | 1,10   | 330  | 22042912-39 | 24                       | 3000K - 1189lm - CRI>80 |
|                   |        |        |      | 22042912-00 |                          | 4000K - 1252lm - CRI>80 |

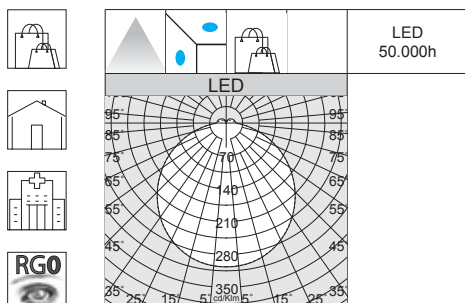
Pastilla with shielded diffuser that minimizes direct glare and creates amazing light effects.

Pastilla with shielded diffuser that minimizes direct glare and creates amazing light effects.

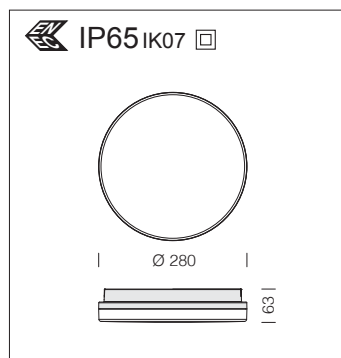
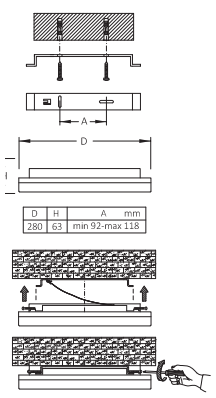




**Pastilla J 2.0** is easy-to-install wall/ceiling light fixture featuring an extremely resistant self-extinguishing polycarbonate housing (IK07) with a greater degree of protection (IP65) and double insulation. It comprises **high-efficiency** LED sources that ensure notable **energy savings**.



**Equipment:** supplied with bracket for ceiling/wall installation.



**Housing:** vandal-resistant, self-extinguishing polycarbonate.

**Diffuser:** In clear polycarbonate, anti-dazzle, vandal resistant.

**LED:** luminous flux maintenance 80%: 50.000h (L80B20).

Power factor >0.9.

Photobiological safety class: exempt group.

MANY VERSIONS FOR FURTHER ENERGY SAVINGS ARE AVAILABLE

Other options include versions with DIP-SWITCH DIP-SWITCH (ON-OFF only) and SMART lamps with Wi-Fi or CASAMBI control.



Its minimalist and compact design makes it suitable for any outdoor application, especially balconies, porches, and terraces, as well as for indoor use, such as condominium staircases, landings, and common areas.

This ceiling fixture has colour temperatures of 3000K and 4000K and a high colour rendering index (CRI≥80), guaranteeing effective, pleasant, and safe lighting.

The versatility of this ceiling lamp is given by the wide range of versions available, such as the **DALI** dimmable (CLD D-D), **centralised emergency** (CLD EC), **1/3h emergency** (CLD E) or **3h emergency + sensor** (CLD E) versions.

| Pastilla J 2.0 - ON OFF |        |        |      |             |                          |                         |
|-------------------------|--------|--------|------|-------------|--------------------------|-------------------------|
|                         |        | CLD    |      |             | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED                     | colour | weight | Ø mm | code        | W tot                    | K - ølm - CRI           |
| LED                     | white  | 0,90   | 280  | 22042710-39 | 16                       | 3000K - 1863lm - CRI≥80 |
|                         |        |        |      | 22042710-00 |                          | 4000K - 2026lm - CRI≥80 |
| LED                     | white  | 0,90   | 280  | 22042711-39 | 21                       | 3000K - 2695lm - CRI≥80 |
|                         |        |        |      | 22042711-00 |                          | 4000K - 2898lm - CRI≥80 |

ON  
OFF

| Pastilla J 2.0 - DALI 2 |        |                  |      |               |                          |                         |
|-------------------------|--------|------------------|------|---------------|--------------------------|-------------------------|
|                         |        | CLD D-DIG (DALI) |      |               | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED                     | colour | weight           | Ø mm | code          | W tot                    | K - ølm - CRI           |
| LED                     | white  | 0,90             | 280  | 22042710-3941 | 16                       | 3000K - 1863lm - CRI≥80 |
|                         |        |                  |      | 22042710-1241 |                          | 4000K - 2026lm - CRI≥80 |
| LED                     | white  | 0,90             | 280  | 22042711-3941 | 21                       | 3000K - 2695lm - CRI≥80 |
|                         |        |                  |      | 22042711-1241 |                          | 4000K - 2898lm - CRI≥80 |

DIMM  
DALI 2

| Pastilla J 2.0 - EM EC |        |        |      |               |                          |                         |
|------------------------|--------|--------|------|---------------|--------------------------|-------------------------|
|                        |        | CLD EC |      |               | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED                    | colour | weight | Ø mm | code          | W tot                    | K - ølm - CRI           |
| LED                    | white  | 0,90   | 280  | 22042710-3950 | 16                       | 3000K - 1863lm - CRI≥80 |
|                        |        |        |      | 22042710-0050 |                          | 4000K - 2026lm - CRI≥80 |
| LED                    | white  | 0,90   | 280  | 22042711-3950 | 21                       | 3000K - 2695lm - CRI≥80 |
|                        |        |        |      | 22042711-0050 |                          | 4000K - 2898lm - CRI≥80 |

-0050  
EM-EC

| Pastilla J 2.0 - EM 1h |        |            |      |               |                          |                         |                |
|------------------------|--------|------------|------|---------------|--------------------------|-------------------------|----------------|
|                        |        | CLD E (1h) |      |               | LUMEN OUTPUT (tq= 25 °C) |                         | % EM operation |
| LED                    | colour | weight     | Ø mm | code          | W tot                    | K - ølm - CRI           | h %            |
| LED                    | white  | 1,40       | 280  | 22042710-0928 | 19                       | 3000K - 1863lm - CRI≥80 | 1h 5%          |
|                        |        |            |      | 22042710-09   |                          | 4000K - 2026lm - CRI≥80 | 1h 5%          |
| LED                    | white  | 1,40       | 280  | 22042711-0928 | 24                       | 3000K - 2695lm - CRI≥80 | 1h 4%          |
|                        |        |            |      | 22042711-09   |                          | 4000K - 2898lm - CRI≥80 | 1h 4%          |

EM  
1h  
S.A.

| Pastilla J 2.0 - EM 3h |        |            |      |               |                          |                         |                |
|------------------------|--------|------------|------|---------------|--------------------------|-------------------------|----------------|
|                        |        | CLD E (3h) |      |               | LUMEN OUTPUT (tq= 25 °C) |                         | % EM operation |
| LED                    | colour | weight     | Ø mm | code          | W tot                    | K - ølm - CRI           | h %            |
| LED                    | white  | 1,40       | 280  | 22042710-3128 | 19                       | 3000K - 1863lm - CRI≥80 | 3h 5%          |
|                        |        |            |      | 22042710-31   |                          | 4000K - 2026lm - CRI≥80 | 3h 5%          |
| LED                    | white  | 1,40       | 280  | 22042711-3128 | 24                       | 3000K - 2695lm - CRI≥80 | 3h 3%          |
|                        |        |            |      | 22042711-31   |                          | 4000K - 2898lm - CRI≥80 | 3h 3%          |

EM  
3h  
S.A.

| Pastilla J 2.0 - EM 3h + SENSOR |        |                              |      |                   |                          |                         |                |
|---------------------------------|--------|------------------------------|------|-------------------|--------------------------|-------------------------|----------------|
|                                 |        | CLD E (3h) + sensor (ON-OFF) |      |                   | LUMEN OUTPUT (tq= 25 °C) |                         | % EM operation |
| LED                             | colour | weight                       | Ø mm | code              | W tot                    | K - ølm - CRI           | h %            |
| LED                             | white  | 1,40                         | 280  | 22042710-19573000 | 19                       | 3000K - 1863lm - CRI≥80 | 3h 5%          |
|                                 |        |                              |      | 22042710-1957     |                          | 4000K - 2026lm - CRI≥80 | 3h 5%          |

EM  
3h  
S.A.

It is more energy efficient thanks to the **presence sensor** that turns the lamp on only when light is needed, increasing the already substantial energy savings.

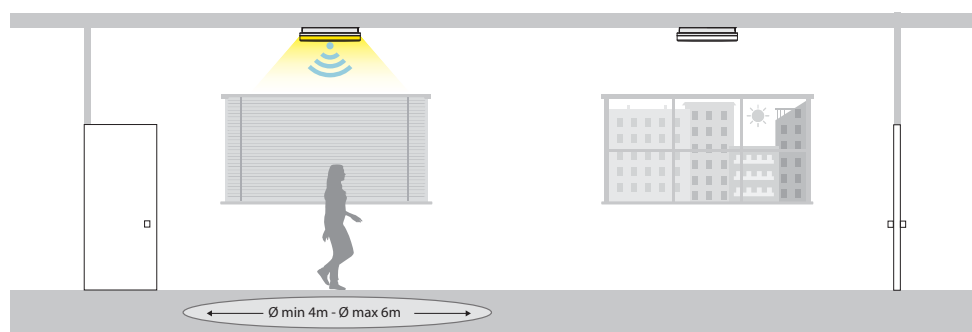
| Pastilla J 2.0 - SENSOR |        |                     |      |               |                          |                         |
|-------------------------|--------|---------------------|------|---------------|--------------------------|-------------------------|
|                         |        | CLD sensor (ON-OFF) |      |               | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED                     | colour | weight              | Ø mm | code          | W tot                    | K - ølm - CRI           |
| LED                     | white  | 0.90                | 280  | 22042710-1928 | 16                       | 3000K - 1863lm - CRI≥80 |
|                         |        |                     |      | 22042710-19   |                          | 4000K - 2026lm - CRI≥80 |
| LED                     | white  | 0.90                | 280  | 22042711-1928 | 21                       | 3000K - 2695lm - CRI≥80 |
|                         |        |                     |      | 22042711-19   |                          | 4000K - 2898lm - CRI≥80 |

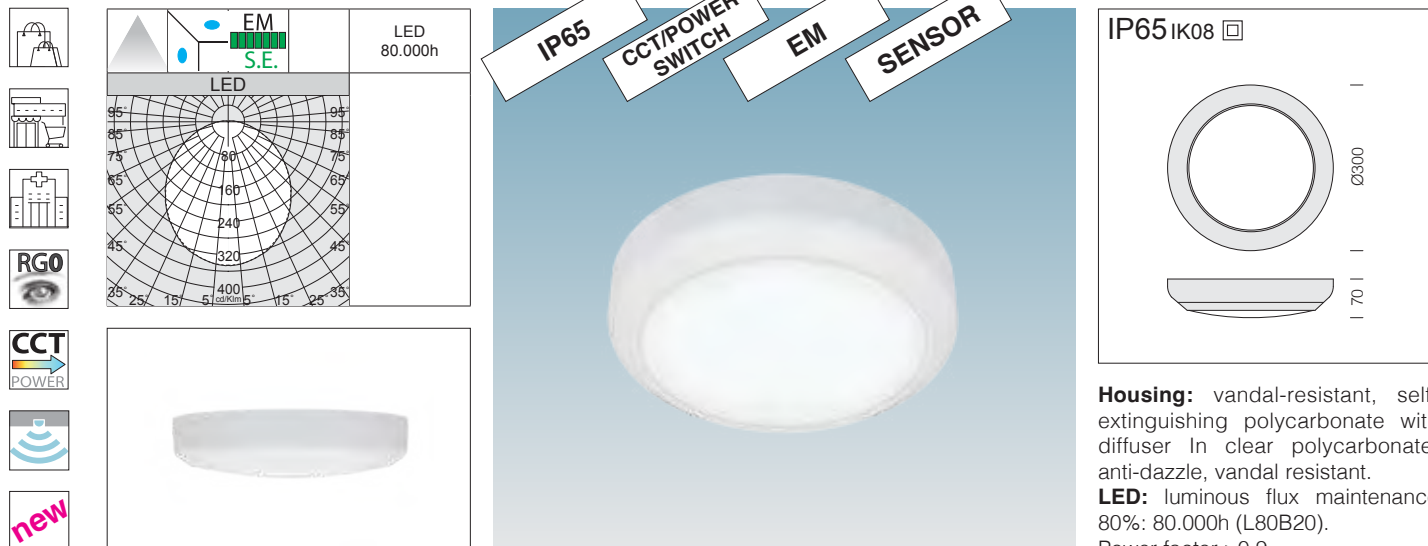
The remote control (code **81418618**) is to be purchased separately at an additional cost. It allows changing parameters after installation without the need to access the device directly.

S.A.

| SENSOR - TECHNICAL SPECIFICATIONS |                      |
|-----------------------------------|----------------------|
| Detection area                    | 75%                  |
| Detection distance                | Ø 4-6 m (adjustable) |
| Hold time                         | 1 min                |
| Ambient light                     | Disable              |
| Power consumption                 | ~ 0.9 W              |
| Microwave frequency/power         | 5.8GHz / <0.3mW      |
| Operating temperature             | -25°C ÷ 60°C         |

**Built-in RADAR SENSOR (sub-code -19):** an electronic device that immediately detects any presence entering its range. When the sensor reads motion inside its range, lights will stay on. When it no longer senses motion and based on the lighting level in its range, the sensor will turn off the lights after a pre-programmed time.





**Housing:** vandal-resistant, self-extinguishing polycarbonate with diffuser in clear polycarbonate, anti-dazzle, vandal resistant.

**LED:** luminous flux maintenance 80%: 80.000h (L80B20). Power factor >0.9.

Tortuga 2.0 is equipped of terminal block for double insulation electrical wiring with the possibility for loop-in connection.

| Tortuga 2.0 - CCT/POWER SWITCH - EM - SENSOR |        |                         |      |               |                          |                         |
|----------------------------------------------|--------|-------------------------|------|---------------|--------------------------|-------------------------|
|                                              |        | CLD E + sensor (ON-OFF) |      |               | LUMEN OUTPUT (tq= 25 °C) |                         |
| LED                                          | colour | weight                  | Ø mm | code          | W tot                    | K - ølm - CRI           |
| LED                                          | white  | 1.00                    | 300  | 22042414-1957 | 11                       | 3000K - 1045lm - CRI>80 |
|                                              |        |                         |      |               |                          | 4000K - 1100lm - CRI>80 |
|                                              |        |                         |      |               |                          | 6000K - 1100lm - CRI>80 |
|                                              |        |                         |      |               | 15                       | 3000K - 1425lm - CRI>80 |
|                                              |        |                         |      |               |                          | 4000K - 1500lm - CRI>80 |
|                                              |        |                         |      |               |                          | 6000K - 1500lm - CRI>80 |
|                                              |        |                         |      |               | 19                       | 3000K - 1900lm - CRI>80 |
|                                              |        |                         |      |               |                          | 4000K - 1995lm - CRI>80 |
|                                              |        |                         |      |               |                          | 6000K - 1995lm - CRI>80 |

Separate 3h EM circuit: 3W (charging circuit power) - 120lm at 6000K.

**TORTUGA 2.0 CCT / POWER SWITCH - EM - SENSOR:** in a single body frame, you have a fully equipped luminaire designed to meet any need, including the possibility to select the desired colour temperature (3000K-4000K-6000K) in 3 power wattages, maintaining aesthetic continuity and differentiating the amount of light emitted. Moreover, Tortuga 2.0 is equipped as standard with a **light/presence sensor** that can turn the ceiling light on or off depending on the presence of people and ambient light, and a **built-in Emergency function with a separate circuit and dedicated LEDs** (with test button), which deliver 3 hours of autonomy in the absence of power, in compliance with safety regulations.

**ON-OFF LIGHT SENSOR / PRESENCE:** is an automatic sensor that immediately sense the presence of people's movements and anyone walking past. When there is movement within the sensor's detection range, the light will remain ON. When no further movement is detected, the light will switch OFF after a pre-set time.

| Detection Area |    |      | Hold Time |    |    | Daylight Sensor |    |    | ON      |
|----------------|----|------|-----------|----|----|-----------------|----|----|---------|
| 1              | 2  |      | 3         | 4  | 5  | 6               | 7  | 8  |         |
| I              | ON | 100% | I         | ON | ON | I               | ON | ON | 2lux    |
|                |    |      | II        | ON | ON | II              | ON | ON | 10lux   |
| II             | ON | 75%  | III       | ON | ON | III             | ON | ON | 25lux   |
|                |    |      | IV        | ON | ON | IV              | ON | ON | 50lux   |
| III            | ON | 50%  | V         | ON | ON | V               | ON | ON | Disable |
|                |    |      | VI        | ON | ON | VI              | ON | ON |         |
| IV             | ON | 25%  | VII       | ON | ON | VII             | ON | ON |         |
|                |    |      | VIII      | ON | ON | VIII            | ON | ON |         |

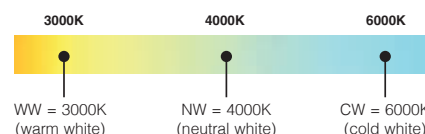
**DETECTION AREA:** is the area scanned by the sensor. It can be adjusted for specific applications by combining DIP switches.

**HOLD-TIME:** is the period of time the light will stay ON after the sensor has been triggered.

**DAYLIGHT SENSOR:** daylight sensor takes priority over the motion sensor. Set threshold according to specific needs. Disable it to allow motion detection only.



**CCT SWITCH** = with this integrated switch you can select the desired light colour : 3000K - 4000K - 6000K.



**POWER SWITCH** = with this integrated switch you can select the fixture's total wattage: 11W/15W/19W.



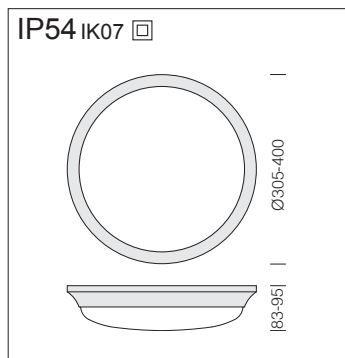
**EM TEST BUTTON:** provides real-time information on the status of the luminaire, performing all the tests indicated. A simple way to reduce costs and make system inspection and maintenance easier.

**S.E. Emergency (Only emergency):** in the event of a black-out the one lamp connected to the back-up circuit ignites, thus avoiding the inconvenience caused by a sudden absence of all light. Emergency run time: 3h. When power is restored, the battery recharges automatically.

- 1) Pressing the button shortly (>1 sec) will start a 5-sec functional test (battery capacity must be greater than 5% = 30 min recharge).
- 2) Pressing and holding the button (>10 sec) will reset the timer (system reset).

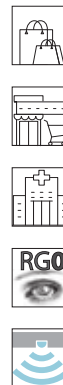
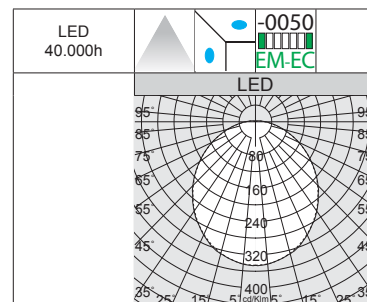
| LED INDICATOR                          | STATUS                      | DESCRIPTION                                              |
|----------------------------------------|-----------------------------|----------------------------------------------------------|
| GREEN steady                           | Standby, system OK          | Operating on mains voltage, battery charged              |
| GREEN (blinking fast 0.25 sec. on/off) | Functional test in progress | Functional test in progress                              |
| GREEN (blinking slowly 1 sec. on/off)  | Duration test in progress   | Duration test in progress                                |
| RED steady                             | Ceiling light failure       | Open circuit, short circuit or LED failed                |
| RED (blinking fast 0.25 sec. on/off)   | Battery capacity failure    | Battery duration test failed                             |
| RED (blinking slowly 1 sec. on/off)    | Battery failure             | Incorrect battery voltage, short circuit or open circuit |
| GREEN AND RED power off                | Battery operation           | EM mode: mains disconnected or failed                    |





**Housing:** vandal-resistant, self-extinguishing polycarbonate with diffuser in clear polycarbonate, anti-dazzle, vandal resistant.

**LED:** luminous flux maintenance 70%: 40.000h (L70B50).  
Power factor >0.9.



### Tortuga

|         |        | CLD    |      | CLD-EC      |               | LUMEN OUTPUT (tq= 25 °C) |                         |
|---------|--------|--------|------|-------------|---------------|--------------------------|-------------------------|
| LED     | colour | weight | Ø mm | code        | code          | W tot                    | K - ølm - CRI           |
| (1) LED | white  | 0.70   | 305  | 22042410-00 | 22042410-0050 | 17                       | 3000K - 1436lm - CRI>80 |
|         |        |        |      | 22042411-00 | 22042411-0050 |                          | 4000K - 1562lm - CRI>80 |
| (2) LED | white  | 1,10   | 400  | 22042412-00 | 22042412-0050 | 28                       | 3000K - 2523lm - CRI>80 |
|         |        |        |      | 22042413-00 | 22042413-0050 |                          | 4000K - 2744lm - CRI>80 |

Upon request: available DIMM-DALI version.

### Tortuga - EMERGENCY SA - 220/240V

|         |        | CLD E  |      | LUMEN OUTPUT (tq= 25 °C) |       | % EM operation          |    |
|---------|--------|--------|------|--------------------------|-------|-------------------------|----|
| LED     | colour | weight | Ø mm | code                     | W tot | K - ølm - CRI           | h  |
| (1) LED | white  | 1,20   | 305  | 22042410-09              | 18    | 3000K - 1436lm - CRI>80 | 3h |
|         |        |        |      | 22042411-09              |       | 4000K - 1562lm - CRI>80 | 3h |
| (2) LED | white  | 1,60   | 400  | 22042412-09              | 30    | 3000K - 2523lm - CRI>80 | 3h |
|         |        |        |      | 22042413-09              |       | 4000K - 2744lm - CRI>80 | 3h |

Emergency version: 3 hours.

### Tortuga SENSOR - with light / presence sensor (ON-OFF) - 220/240V

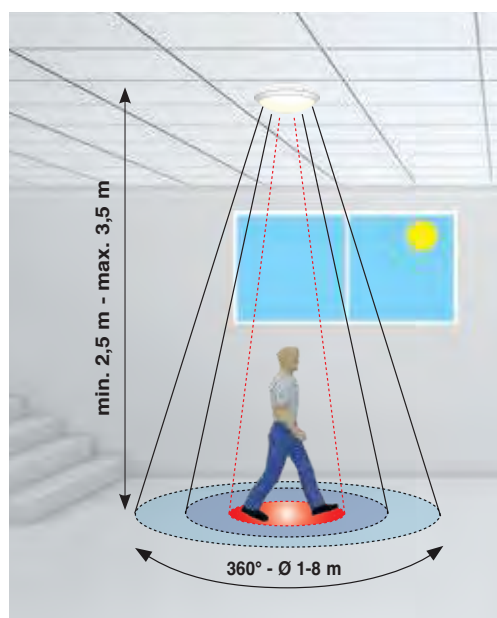
|         |        | CLD sensor (ON-OFF) |      | LUMEN OUTPUT (tq= 25 °C) |       |
|---------|--------|---------------------|------|--------------------------|-------|
| LED     | colour | weight              | Ø mm | code                     | W tot |
| (1) LED | white  | 0.70                | 305  | 22042410-19              | 17    |
|         |        |                     |      | 22042411-19              |       |
| (2) LED | white  | 1,10                | 400  | 22042412-19              | 28    |
|         |        |                     |      | 22042413-19              |       |

Upon request: Boxy with emergency wiring with centralized power supply CLD-EC (sub-code -0050).

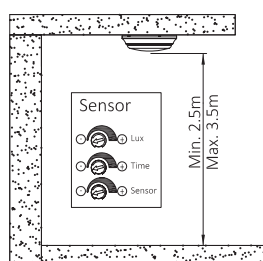
### SENSOR - TECHNICAL SPECIFICATIONS

|                            |                        |
|----------------------------|------------------------|
| Detection area             | 360°                   |
| Detection distance         | Ø 1-8 m (adjustable)   |
| Installing height          | min. 2,5m - max. 3,5 m |
| Hold time                  | 10 sec - 12 min        |
| Ambient light              | 10 ~ 2000 Lux          |
| Power consumption          | ~ 0,9 W                |
| High frequency (HF system) | 5,8 GHz                |
| Operating temperature      | -15°C ÷ 70°C           |

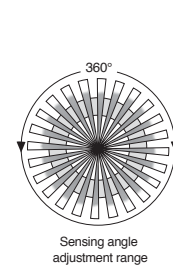
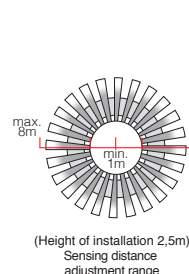
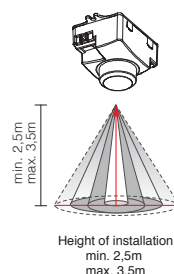
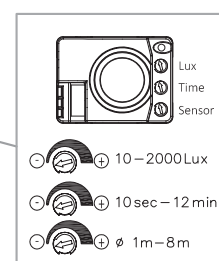
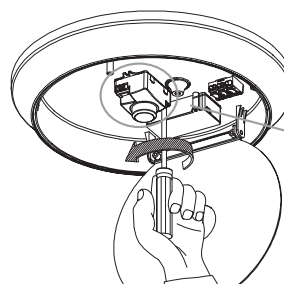
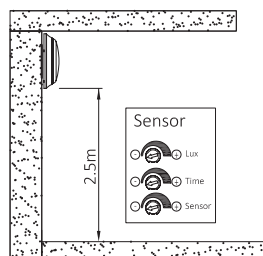
**ON-OFF LIGHT SENSOR / PRESENCE (sub-code -19):** an electronic device that immediately detects any presence entering its range. When the sensor reads motion inside its range, lights will stay on. When it no longer senses motion and based on the lighting level in its range, the sensor will turn off the lights after a pre-programmed time.



### Ceiling installation.



### Wall installation.



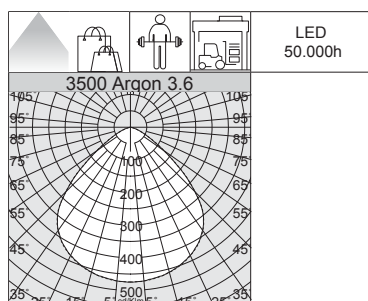


**Argon 3.6** in the elegant white colour for interiors; ideal to be used for the lighting systems of shopping centres, showrooms or food processing areas.

**Housing/frame:** in smooth die-cast aluminium.

**Diffuser:** polycarbonate with concentric rings.

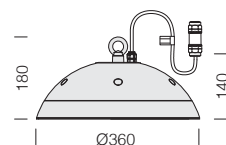
**Equipment:** complete with connector for quick installation.



LED  
50.000h



IP65 IK08



**LED:** power factor:  $\geq 0.9$ . LED luminous flux maintenance 80%: 50.000h (L80B20).

Photobiological safety class: exempt group.

| 3500 Argon 3.6 |        |        |     |             |                          |
|----------------|--------|--------|-----|-------------|--------------------------|
| LED            | colour | weight | Ø   | CLD         | LUMEN OUTPUT (tq= 25 °C) |
|                |        |        |     | code        | K - Ølm - CRI            |
| LED            | white  | 3,20   | 360 | 22350001-00 | 100                      |
|                |        |        |     |             | 4000K - 16117lm - CRI>80 |

Argon is available in white: version made in smooth die-cast aluminium, easy to maintain and clean, ideal in shopping centres, showrooms or food processing areas.





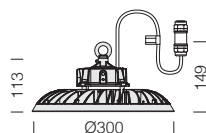
**Housing/frame:** in die-cast aluminium with cooling fins integrated into the cover.

**Diffuser:** polycarbonate with concentric rings.

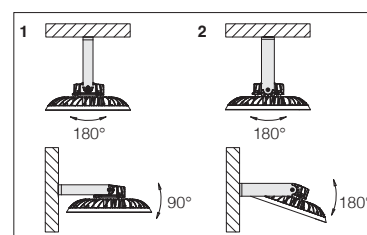
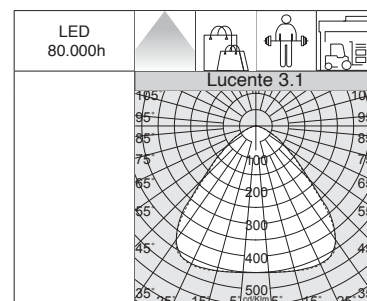
**Equipment:** complete with connector for quick installation.



IP65 IK08



**LED:** power factor:  $\geq 0,9$ . LED luminous flux maintenance 80%: 80.000h (L80B20). Photobiological safety class: exempt group.



RG0  
E<sub>h</sub>

U.V.

+50  
C°  
-30

DIMM  
DIG

### 3700 Lucente 2.7

| CLD |          |        |     | CLD D-DIG (DALI) |               | LUMEN OUTPUT (tq= 25 °C) |                          |
|-----|----------|--------|-----|------------------|---------------|--------------------------|--------------------------|
| LED | colour   | weight | Ø   | code             | code          | W tot                    | K - ølm - CRI            |
| LED | graphite | 2,20   | 300 | 22370030-00      | 22370030-1241 | 100                      | 4000K - 17083lm - CRI>80 |

### 3700 Lucente 3.1

| CLD |          |        |     | CLD D-DIG (DALI) |               | LUMEN OUTPUT (tq= 25 °C) |                          |
|-----|----------|--------|-----|------------------|---------------|--------------------------|--------------------------|
| LED | colour   | weight | Ø   | code             | code          | W tot                    | K - ølm - CRI            |
| LED | graphite | 2,20   | 300 | 22370031-00      | 22370031-1241 | 150                      | 4000K - 24175lm - CRI>80 |
|     |          |        |     | 22370032-00      | 22370032-1241 | 200                      | 4000K - 32461lm - CRI>80 |

#### Reflector UGR<25

22092772-00

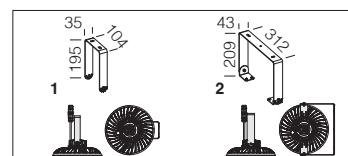
Pressed aluminium, anodised (3µ) and polished for higher luminous efficiency.



#### Adjustable wall bracket

|   |             |
|---|-------------|
| 1 | 22027130-00 |
| 2 | 22027131-00 |

Coated steel bracket with graduated scale to allow  $\pm 90/180^\circ$  rotation of the fixture.





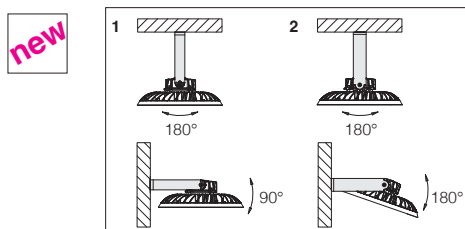
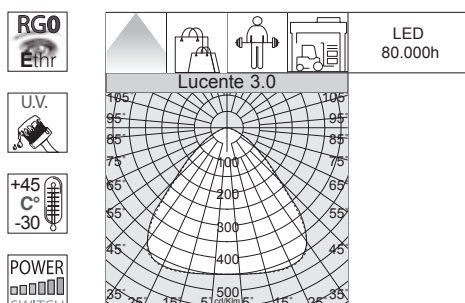


**Housing/frame:** in die-cast aluminium with cooling fins integrated into the cover.

**Diffuser:** polycarbonate with concentric rings.

**Equipment:** complete with suspension foldable hook (2.9 version) and connector for quick installation.

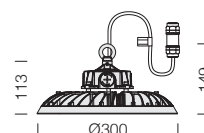
**POWER SWITCH:** as standard, the luminaire has a driver with a switch for selecting the total power output (3 power selections). Within a single unit, you have a luminaire that can meet any design specification. With this integrated switch you can select the fixture's total wattage:  
Low = 100W  
Medium = 150W  
High = 200W



**POWER SWITCH**

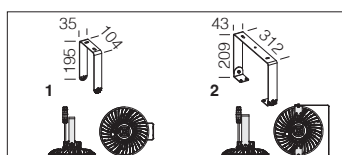


**IP65 IK08**



**LED:** power factor:  $\geq 0.9$ . LED luminous flux maintenance 80%: 80.000h (L80B20). Photobiological safety class: exempt group.

| 3700 Lucente 3.0 - POWER SWITCH |          |        |     |             |                          |
|---------------------------------|----------|--------|-----|-------------|--------------------------|
| LED                             | colour   | weight | Ø   | CLD         | LUMEN OUTPUT (tq= 25 °C) |
|                                 |          |        |     | code        | K - Ølm - CRI            |
| LED                             | graphite | 2,20   | 300 | 22370036-00 | 100                      |
|                                 |          |        |     |             | 4000K - 18000lm - CRI>80 |
|                                 |          |        |     |             | 150                      |
|                                 |          |        |     |             | 4000K - 26000lm - CRI>80 |
|                                 |          |        |     |             | 200                      |
|                                 |          |        |     |             | 4000K - 34000lm - CRI>80 |



| Adjustable wall bracket |             |
|-------------------------|-------------|
| 1                       | 22027130-00 |
| 2                       | 22027131-00 |

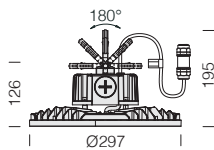
Coated steel bracket with graduated scale to allow  $\pm 90/180^\circ$  rotation of the fixture.



| Reflector UGR<25 |
|------------------|
| 22092772-00      |

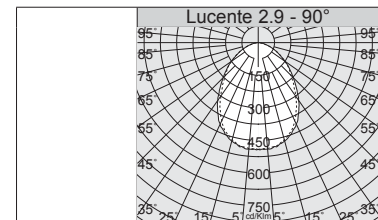
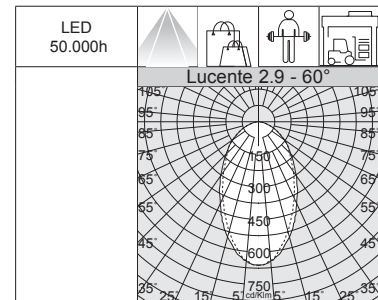
Pressed aluminium, anodised (3µ) and polished for higher luminous efficiency.

IP65 IK08



**LED:** power factor:  $\geq 0,9$ . LED luminous flux maintenance 80%: 50.000h (L80B20). Photobiological safety class: exempt group.

**CCT-POWER  
BEAM ANGLE  
SWITCH**



### 3700 Lucente 2.9 - CCT / POWER / BEAM ANGLE SWITCH

|     |          | CLD    |     |             |       | LUMEN OUTPUT (tq= 25 °C)       |                                |
|-----|----------|--------|-----|-------------|-------|--------------------------------|--------------------------------|
| LED | colour   | weight | Ø   | code        | W tot | K - ølm - CRI - degrees        | K - ølm - CRI - degrees        |
| LED | graphite | 2,30   | 297 | 22370035-00 | 150   | 3000K - 22800lm - CRI>80 - 60° | 3000K - 23260lm - CRI>80 - 90° |
|     |          |        |     |             |       | 4000K - 24000lm - CRI>80 - 60° | 4000K - 24480lm - CRI>80 - 90° |
|     |          |        |     |             |       | 6500K - 24000lm - CRI>80 - 60° | 6500K - 24480lm - CRI>80 - 90° |
|     |          |        |     |             | 175   | 3000K - 26600lm - CRI>80 - 60° | 3000K - 26870lm - CRI>80 - 90° |
|     |          |        |     |             |       | 4000K - 28000lm - CRI>80 - 60° | 4000K - 28280lm - CRI>80 - 90° |
|     |          |        |     |             |       | 6500K - 28000lm - CRI>80 - 60° | 6500K - 28280lm - CRI>80 - 90° |
|     |          |        |     |             | 200   | 3000K - 30400lm - CRI>80 - 60° | 3000K - 30700lm - CRI>80 - 90° |
|     |          |        |     |             |       | 4000K - 32000lm - CRI>80 - 60° | 4000K - 32320lm - CRI>80 - 90° |
|     |          |        |     |             |       | 6500K - 32000lm - CRI>80 - 60° | 6500K - 32320lm - CRI>80 - 90° |

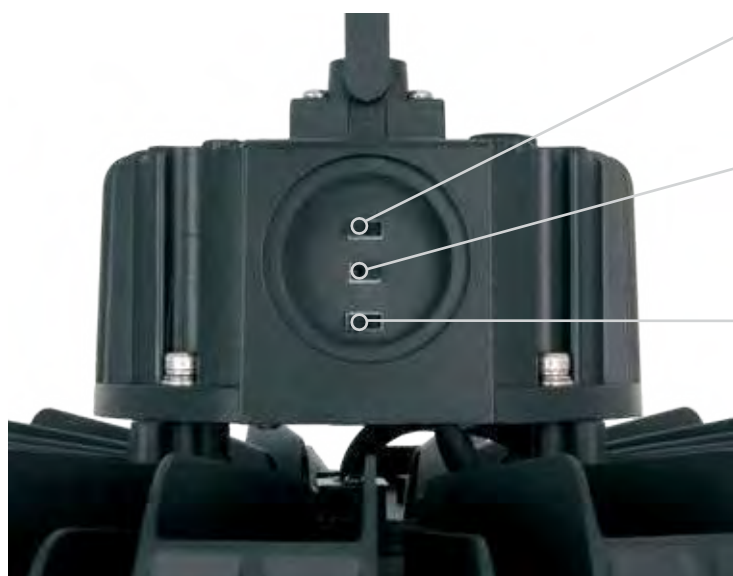
**Lucente 2.9 - CCT / POWER / BEAM ANGLE SWITCH** - In a single body you have a complete lighting fixture that can meet every need with the possibility to adjust the light beam, with 3 colour temperatures in as many power wattages, maintaining aesthetic continuity while differentiating the amount of light emitted. All these requirements make it an excellent fixture for the lighting of shopping centres and showrooms.

**CCT SWITCH** = with this integrated switch you can select the desired light colour, 3000K - 4000K - 6500K.

**POWER SWITCH** = with this integrated switch you can select the fixture's total wattage, 150W - 175W - 200W.

**BEAM ANGLE SWITCH** = with this integrated switch you can select the type of light beam opening: 60° - 90°.

The main feature of this fixture is the new colour-changing technology. With **3 built-in switches** positioned on housing of the fixture, you can:

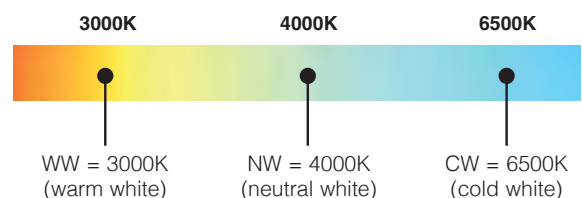


- select the type of brightness with 3 output power ranges : Low = 150W Medium = 175W High = 200W

- select the type of light beam opening:



- select 3 different colour temperatures, adjusting to most installations:





**Housing/frame:** in die-cast aluminium with cooling fins integrated into the cover.

**Diffuser:** polycarbonate with concentric rings.

**Equipment:** complete with connector for quick installation.

**SENSOR  
STAND-ALONE**

**Version with sensor (sub-code -1219):** is an automatic sensor that immediately sense the presence of people's movements and anyone walking past. When there is movement within the sensor's detection range, the light will remain ON. When no further movement is detected, the light will switch OFF after a pre-set time.

#### Presence and light sensor - STAND-ALONE

Lucente comes with a stand-alone presence and lighting sensor with 0-10V control.

#### TECHNICAL CHARACTERISTICS

|                              |                             |
|------------------------------|-----------------------------|
| Mains voltage                | 220-240 Vac - 50/60Hz       |
| Frequency                    | 5.8GHz±75MHz                |
| Detection angle              | ceiling: 360°               |
| Detection area               | 8-16m max (adjustable)      |
| Installation height          | ceiling: 12 m (≤ 15 m max.) |
| Energy consumption           | ≤ 0.6W (standby)            |
| Technology                   | Microwave                   |
| Sensor operating temperature | -20 ... +70 °C              |

Remote control (optional, code 22099031-00) to adjust parameters after completing installation without the need to open the fixture.



|          |              |               |             |             |             |
|----------|--------------|---------------|-------------|-------------|-------------|
| 1        | 2            | 3             | 4           | 5           | 6           |
| I ● 100% | I ● ● 30S    | I ● ● 1min    | I ● OFF     | I ● ● OFF   | I ● ● OFF   |
| II ○ 50% | II ● ○ 1min  | II ● ○ 100LUX | II ○ 30%    | II ● ○ 10%  | II ● ○ 10%  |
|          | III ○ ● 5min |               | III ○ ● 10% | III ○ ● 10% | III ○ ● 10% |
|          | IV ○ ○ 10min |               | IV ○ ○ 10%  | IV ○ ○ 10%  | IV ○ ○ 10%  |

#### PARAMETERS SETTINGS

| Technology                          | DIP switch (standard)         | Remote control (optional)                             |
|-------------------------------------|-------------------------------|-------------------------------------------------------|
| Detection area                      | 1 100% / 50%                  | 100% / 75% / 50% / 25%                                |
| Hold time (adjustable)              | 2-3 30s / 1min / 5min / 10min | 5s / 30s / 1min / 3min / 5min / 10min / 20min / 30min |
| Ambient light (adjustable)          | 4 100lux / OFF                | 2lux / 10lux / 30lux / 50lux / 80lux / 120lux / OFF   |
| Stand-by dimming level (adjustable) | 5-6 10% / 30% / OFF           |                                                       |



If the sensor does not detect motion, lights stay on constant for a pre-set time.



As soon as the sensor detects motion in the scan area, lights will automatically increase to 100%.



If no motion is detected after a certain amount of time, the sensor will dim back to the set level.



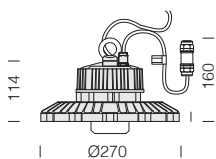
#### Remote control

22099031-00

Remote control to change parameters after installation, without opening the fixture.

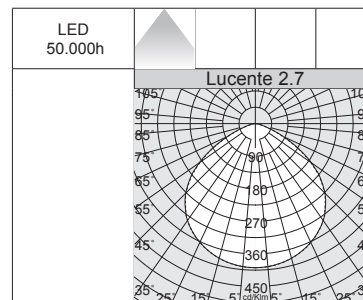


IP65 IK08



**LED:** power factor:  $\geq 0,9$ . LED luminous flux maintenance 80%: 50.000h (L80B20). Photobiological safety class: exempt group.

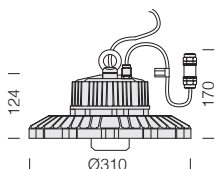
**SENSOR  
STAND-ALONE**



**3700 Lucente 2.7 - with presence and light sensor - STAND-ALONE**

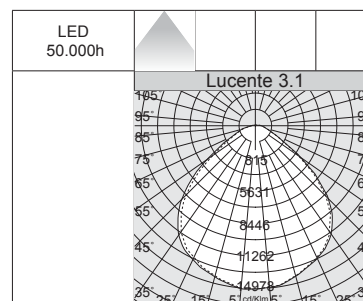
|     |          | CLD D  |     |               | LUMEN OUTPUT (tq= 25 °C) |                          |
|-----|----------|--------|-----|---------------|--------------------------|--------------------------|
| LED | colour   | weight | Ø   | code          | W tot                    | K - ølm - CRI            |
| LED | graphite | 1,60   | 270 | 22370030-1219 | 100                      | 4000K - 15823lm - CRI>80 |

IP65 IK08



**LED:** power factor:  $\geq 0,9$ . LED luminous flux maintenance 80%: 50.000h (L80B20). Photobiological safety class: exempt group.

**SENSOR  
STAND-ALONE**

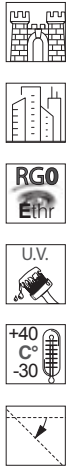
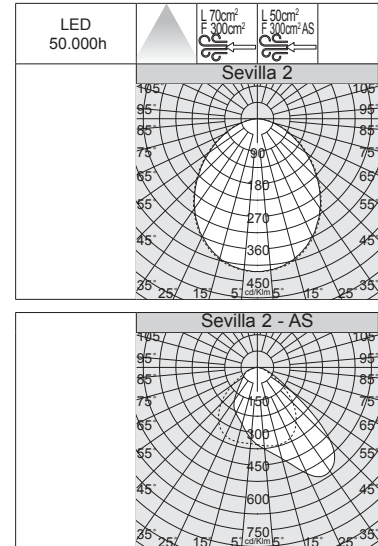
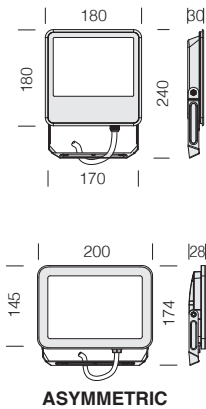


**3700 Lucente 3.1 - with presence and light sensor - STAND-ALONE**

|     |          | CLD D  |     |               | LUMEN OUTPUT (tq= 25 °C) |                          |
|-----|----------|--------|-----|---------------|--------------------------|--------------------------|
| LED | colour   | weight | Ø   | code          | W tot                    | K - ølm - CRI            |
| LED | graphite | 2.10   | 310 | 22370031-1219 | 150                      | 4000K - 22012lm - CRI>80 |
|     |          | 2.60   |     | 22370032-1219 | 200                      | 4000K - 29486lm - CRI>80 |



## IP65 IK08



**Equipment:** complete with electrical cable for mains connection L=0,3 m.

**LED:** power factor:  $\geq 0,9$ . Luminous flux maintenance 80%: 50.000h (L80B20).

Photobiological safety class: exempt group.

## Sevilla 2

|     |          | CLD    |             | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|----------|--------|-------------|-------|--------------------------|
| LED | colour   | weight | code        |       | K - ølm - CRI            |
| LED | graphite | 0,60   | 22413431-00 | 50    | 3000K - 5200lm - CRI 80  |
|     |          |        | 22413432-00 |       | 4000K - 5500lm - CRI 80  |
|     |          |        | 22413433-00 |       | 6500K - 5500lm - CRI 80  |

**Equipment:** complete with electrical cable for mains connection L=0,5 m.

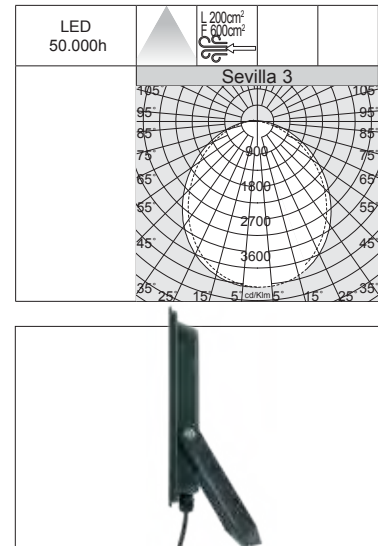
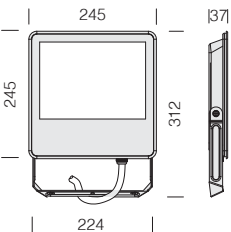
**LED:** power factor:  $\geq 0,9$ . Luminous flux maintenance 80%: 50.000h (L80B20).

Photobiological safety class: exempt group.

## Sevilla 2 - asymmetric

|     |          | CLD    |             | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|----------|--------|-------------|-------|--------------------------|
| LED | colour   | weight | code        |       | K - ølm - CRI            |
| LED | graphite | 0,70   | 22413434-00 | 50    | 3000K - 5000lm - CRI 80  |
|     |          |        | 22413435-00 |       | 4000K - 5500lm - CRI 80  |
|     |          |        | 22413436-00 |       | 6500K - 5500lm - CRI 80  |

## IP65 IK08



**Equipment:** complete with electrical cable for mains connection L=0,3 m.

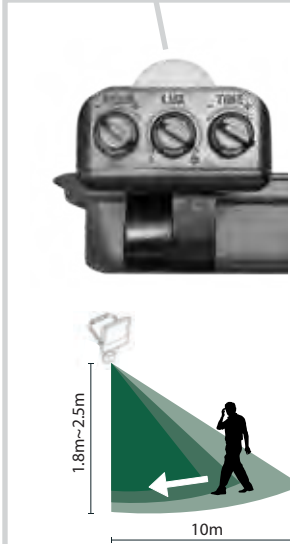
**LED:** power factor:  $\geq 0,9$ . Luminous flux maintenance 80%: 50.000h (L80B20).

Photobiological safety class: exempt group.

## Sevilla 3

|     |          | CLD    |             | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|----------|--------|-------------|-------|--------------------------|
| LED | colour   | weight | code        |       | K - ølm - CRI            |
| LED | graphite | 1,20   | 22413531-00 | 90    | 3000K - 9200lm - CRI 80  |
|     |          |        | 22413532-00 |       | 4000K - 9900lm - CRI 80  |
|     |          |        | 22413533-00 |       | 6500K - 9900lm - CRI 80  |





| TECHNICAL SPECIFICATIONS |                                   |
|--------------------------|-----------------------------------|
| Power source             | 220-240V AC                       |
| Frequency                | 50Hz                              |
| Ambient light            | <10-2000 Lux (adjustable)         |
| Time delay               | min: 10sec±3sec<br>max: 7min±3min |
| Detection range          | 120°                              |
| Detection distance       | 2-8m                              |
| Installation height      | 1.8m~2.5m                         |
| Motion detection speed   | 0,6-1-1,5 m/s                     |

**Version with sensor (sub-code -19):** is an automatic sensor that immediately sense the presence of people's movements and anyone walking past. When there is movement within the sensor's detection range, the light will remain ON. When no further movement is detected, the light will switch OFF after a pre-set time.

HOW TO ADJUST AND TEST MOTION DETECTION

- 

**SENS:** motion detection sensitivity can be set from 8 to 2 metres and from 0.6 m/s to 1.5 m/s. Turn the knob clockwise to decrease, anti-clockwise to increase detection distance

EXAMPLE: setting motion detection sensitivity to the lowest value means that the light detection range is from 0 to 2 m. Setting sensitivity to the highest value means that the light detection range is from 8 to 10m.

*note. Mounting height: 1.8m~2.5m*
- 

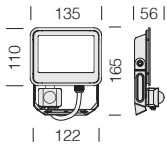
**LUX:** ambient light level can be set from 30 lux (Moon icon) to 10000 lux (Sun icon). Turn the knob clockwise to increase, anti-clockwise to decrease.

EXAMPLE: the lowest value (Moon icon) means that lights will operate only from dusk to dawn after motion is detected. Lights will not go on during daylight hours. The highest value means that lights will go on whenever motion is detected, during the day and at night.
- 

**TIME:** duration of lights after motion is detected can be set from 10 ± 3 seconds to 8 minutes. Turn the knob clockwise to decrease, anti-clockwise to increase.

EXAMPLE: the lowest value means that lights will stay on for 10 seconds after motion is detected. The highest value means that lights will stay on for 8 minutes after motion is detected. Adjusting the TIME will allow you to automatically control lights with the proper duration and reduce the energy consumption.

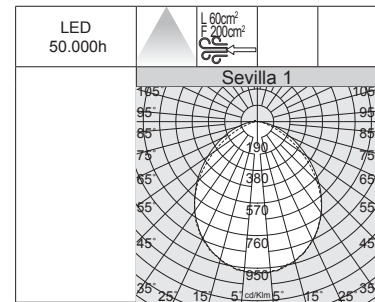
IP65 IK08



**Equipment:** complete with electrical cable for mains connection L=0,3 m.

**LED:** power factor:  $\geq 0,9$ . Luminous flux maintenance 80%: 50.000h (L80B20).

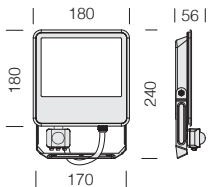
Photobiological safety class:  
exempt group.



### Sevilla 1 - with light / presence sensor (ON-OFF)

| Sevilla 1 - with light / presence sensor (ON-OFF) |          |        |             |       |                          |
|---------------------------------------------------|----------|--------|-------------|-------|--------------------------|
|                                                   |          | CLD    |             |       | LUMEN OUTPUT (tq= 25 °C) |
| LED                                               | colour   | weight | code        | W tot | K - ølm - CRI            |
| LED                                               | graphite | 0,30   | 22413331-19 | 20    | 3000K - 2100lm - CRI 80  |
|                                                   |          |        | 22413332-19 |       | 4000K - 2200lm - CRI 80  |
|                                                   |          |        | 22413333-19 |       | 6500K - 2200lm - CRI 80  |

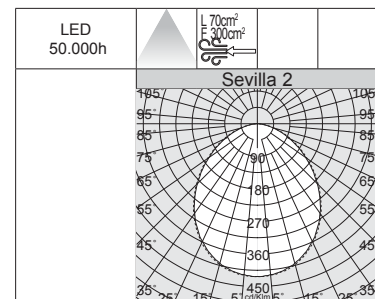
IP65 IK08



**Equipment:** complete with electrical cable for mains connection L=0,3 m.

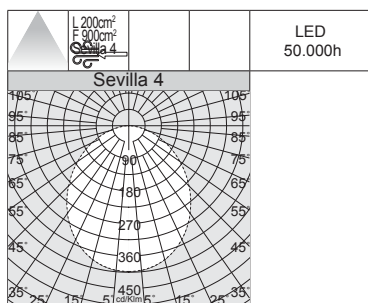
**LED:** power factor:  $\geq 0,9$ . Luminous flux maintenance 80%: 50.000h (L80B20).

Photobiological safety class:  
exempt group.

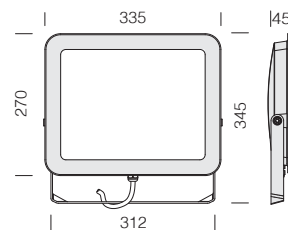


Sevilla 2 - with light / presence sensor (ON-OFF)

| Sevilla 2 - with light / presence sensor (ON-OFF) |          |       |             |       |                          |
|---------------------------------------------------|----------|-------|-------------|-------|--------------------------|
|                                                   |          | CLD   |             |       | LUMEN OUTPUT (tq= 25 °C) |
| LED                                               | couleur  | poids | code        | W tot | K - ølm - CRI            |
| LED                                               | graphite | 0,60  | 22413431-19 | 50    | 3000K - 5200lm - CRI 80  |
|                                                   |          |       | 22413432-19 |       | 4000K - 5500lm - CRI 80  |
|                                                   |          |       | 22413433-19 |       | 6500K - 5500lm - CRI 80  |



IP65 IK08



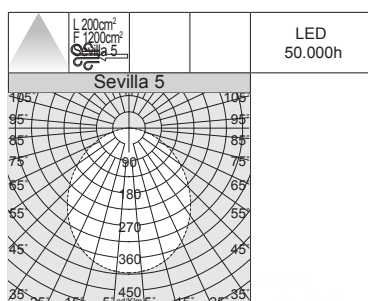
**Equipment:** complete with electrical cable for mains connection L=0,5 m.

**LED:** power factor:  $\geq 0,9$ . Luminous flux maintenance 80%: 50.000h (L80B20).

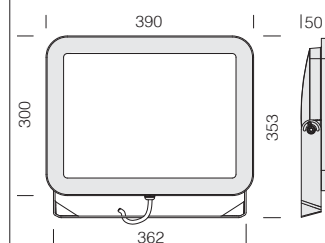
Photobiological safety class: exempt group.

## Sevilla 4

|     |          | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                          |
|-----|----------|--------|-------------|--------------------------|--------------------------|
| LED | colour   | weight | code        | W tot                    | K - ølm - CRI            |
| LED | graphite | 2,80   | 22413632-00 | 150                      | 4000K - 16400lm - CRI 80 |
|     |          |        | 22413633-00 |                          | 6500K - 16400lm - CRI 80 |



IP65 IK08



**Equipment:** complete with electrical cable for mains connection L=0,5 m.

**LED:** power factor:  $\geq 0,9$ . Luminous flux maintenance 80%: 50.000h (L80B20).

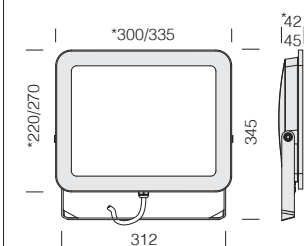
Photobiological safety class: exempt group.

## Sevilla 5

|     |          | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |                          |
|-----|----------|--------|-------------|--------------------------|--------------------------|
| LED | colour   | weight | code        | W tot                    | K - ølm - CRI            |
| LED | graphite | 4,00   | 22413732-00 | 200                      | 4000K - 22200lm - CRI 80 |
|     |          |        | 22413733-00 |                          | 6500K - 22200lm - CRI 80 |



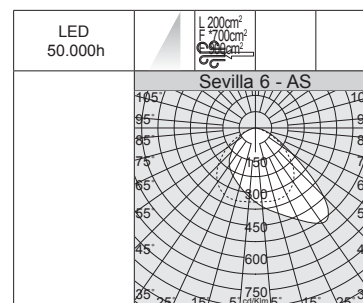
## IP65 IK08



**Equipment:** complete with electrical cable for mains connection L=0,5 m.

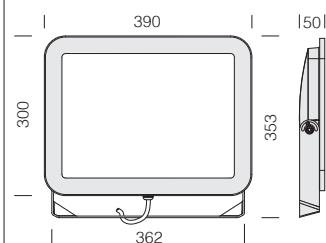
**LED:** power factor:  $\geq 0,9$ . Luminous flux maintenance 80%: 50.000h (L80B20).

Photobiological safety class: exempt group.



| Sevilla 6 - asymmetric |          |        |               |       |                          |
|------------------------|----------|--------|---------------|-------|--------------------------|
| LED                    | colour   | weight | CLD           | W tot | LUMEN OUTPUT (tq= 25 °C) |
|                        |          |        | code          |       | K - ølm - CRI            |
| LED                    | graphite | 2,00   | * 22413831-00 | 100   | 2700K - 11373lm - CRI 80 |
|                        |          |        | * 22413838-00 |       | 3000K - 11373lm - CRI 80 |
|                        |          |        | * 22413835-00 |       | 4000K - 12230lm - CRI 80 |
|                        |          |        | * 22413837-00 |       | 6500K - 12230lm - CRI 80 |
| LED                    | graphite | 2,90   | 22413836-00   | 150   | 2700K - 14871lm - CRI 80 |
|                        |          |        | 22413834-00   |       | 3000K - 14871lm - CRI 80 |
|                        |          |        | 22413832-00   |       | 4000K - 15990lm - CRI 80 |
|                        |          |        | 22413833-00   |       | 6500K - 15990lm - CRI 80 |

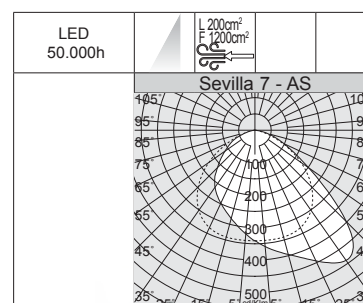
## IP65 IK08



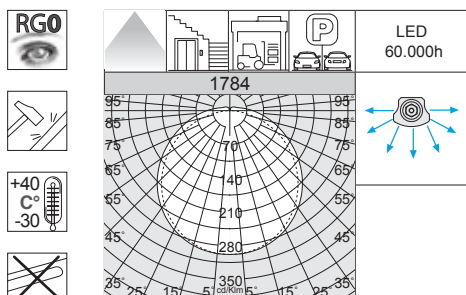
**Equipment:** complete with electrical cable for mains connection L=0,5 m.

**LED:** power factor:  $\geq 0,9$ . Luminous flux maintenance 80%: 50.000h (L80B20).

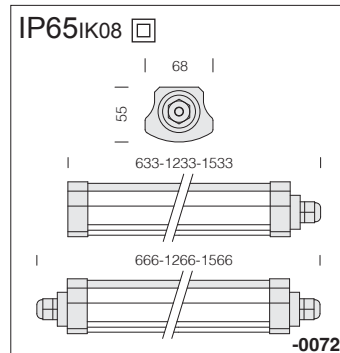
Photobiological safety class: exempt group.



| Sevilla 7 - asymmetric |          |        |             |       |                          |
|------------------------|----------|--------|-------------|-------|--------------------------|
| LED                    | colour   | weight | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C) |
|                        |          |        | code        |       | K - ølm - CRI            |
| LED                    | graphite | 4,10   | 22413931-00 | 200   | 2700K - 19156lm - CRI 80 |
|                        |          |        | 22413934-00 |       | 3000K - 19156lm - CRI 80 |
|                        |          |        | 22413932-00 |       | 4000K - 20598lm - CRI 80 |
|                        |          |        | 22413933-00 |       | 6500K - 20598lm - CRI 80 |



**Standard supply:** standard stainless steel mounting bracket enables quick and easy installation of the fixture to ceiling surfaces; waterproof connector for quick installation



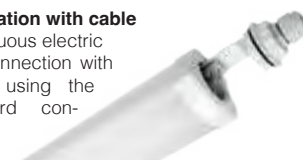
**Housing/diffuser:** in extruded, polycarbonate.

**LED:** power factor:  $\geq 0,9$ .  
Luminous flux maintenance 70%:  
60.000h (L70B50).

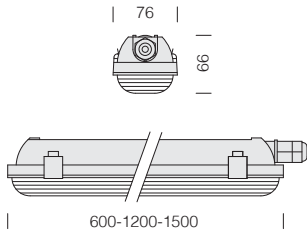
| 1784 Roda BASIC |        |        |      |             |                          |                         |
|-----------------|--------|--------|------|-------------|--------------------------|-------------------------|
| LED             | colour | CLD    |      |             | LUMEN OUTPUT (tq= 25 °C) |                         |
|                 |        | weight | L    | code        | W tot                    | K - $\phi$ lm - CRI     |
| LED             | white  | 0,40   | 633  | 22178470-00 | 18                       | 4000K - 2160lm - CRI>80 |
|                 |        | 0,80   | 1233 | 22178471-00 | 36                       | 4000K - 4300lm - CRI>80 |
|                 |        | 0,90   | 1533 | 22178472-00 | 47                       | 4000K - 6000lm - CRI>80 |

| 1784 Roda BASIC - continuous line |        |        |      |               |                          |                         |
|-----------------------------------|--------|--------|------|---------------|--------------------------|-------------------------|
| LED                               | colour | CLD    |      |               | LUMEN OUTPUT (tq= 25 °C) |                         |
|                                   |        | weight | L    | code          | W tot                    | K - $\phi$ lm - CRI     |
| LED                               | white  | 0,40   | 666  | 22178470-0072 | 18                       | 4000K - 2160lm - CRI>80 |
|                                   |        | 0,80   | 1266 | 22178471-0072 | 36                       | 4000K - 4300lm - CRI>80 |
|                                   |        | 0,90   | 1566 | 22178472-0072 | 47                       | 4000K - 6000lm - CRI>80 |

**Installation with cable**  
Continuous electric line connection with cable using the standard connector.

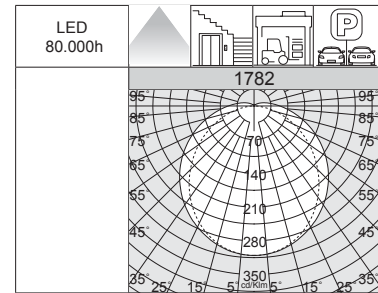


## IP65IK08

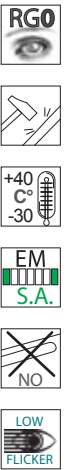


**Housing:** injection moulded, vandal resistant, UV stabilised RAL 7035 grey polycarbonate.

**LED:** power factor:  $\geq 0,9$ .  
Luminous flux maintenance 80%: 80.000h (L80B20).



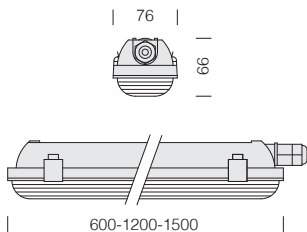
**Standard supply:** standard stainless steel mounting bracket enables quick and easy installation of the fixture to ceiling surfaces. Standard spring loop allows quick connection to any chain suspension system; waterproof connector for quick installation.



## 1782 Roda - stainless steel hooks

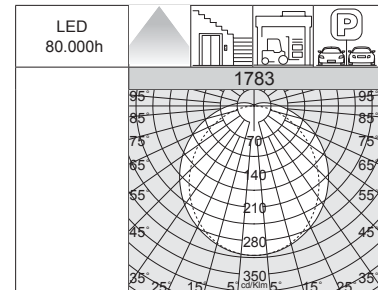
| LED | colour | weight | L    | CLD           | CLD E       | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|--------|--------|------|---------------|-------------|-------|--------------------------|
|     |        |        |      | code          | code        |       | K - ølm - CRI            |
| LED | grey   | 1,30   | 1200 | 22178271-00   | 22178271-09 | 18    | 4000K - 2880lm - CRI>80  |
|     |        |        |      | 22178271-39   |             |       | 3000K - 2736lm - CRI>80  |
|     |        |        |      | 22178271-0083 |             |       | 6500K - 2880lm - CRI>80  |
| LED | grey   | 1,50   | 1500 | 22178272-00   | 22178272-09 | 25    | 4000K - 4000lm - CRI>80  |
|     |        |        |      | 22178272-39   |             |       | 3000K - 3800lm - CRI>80  |
|     |        |        |      | 22178272-0083 |             |       | 6500K - 4000lm - CRI>80  |

## IP65IK08

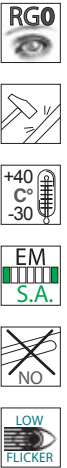


**Housing:** injection moulded, vandal resistant, UV stabilised RAL 7035 grey polycarbonate.

**LED:** power factor:  $\geq 0,9$ .  
Luminous flux maintenance 80%: 80.000h (L80B20).



**Standard supply:** standard stainless steel mounting bracket enables quick and easy installation of the fixture to ceiling surfaces. Standard spring loop allows quick connection to any chain suspension system; waterproof connector for quick installation.



## 1783 Roda - stainless steel hooks

| LED | colour | weight | L    | CLD           | CLD E       | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|--------|--------|------|---------------|-------------|-------|--------------------------|
|     |        |        |      | code          | code        |       | K - ølm - CRI            |
| LED | grey   | 0,80   | 600  | 22178370-00   | 22178370-09 | 15    | 4000K - 2400lm - CRI>80  |
| LED | grey   | 1,40   | 1200 | 22178371-00   | 22178371-09 | 34    | 4000K - 5440lm - CRI>80  |
|     |        |        |      | 22178371-39   |             |       | 3000K - 5168lm - CRI>80  |
|     |        |        |      | 22178371-0083 |             |       | 6500K - 5440lm - CRI>80  |
| LED | grey   | 2,00   | 1500 | 22178372-00   | 22178372-09 | 46    | 4000K - 7360lm - CRI>80  |
|     |        |        |      | 22178372-39   |             |       | 3000K - 6992lm - CRI>80  |
|     |        |        |      | 22178372-0083 |             |       | 6500K - 7360lm - CRI>80  |



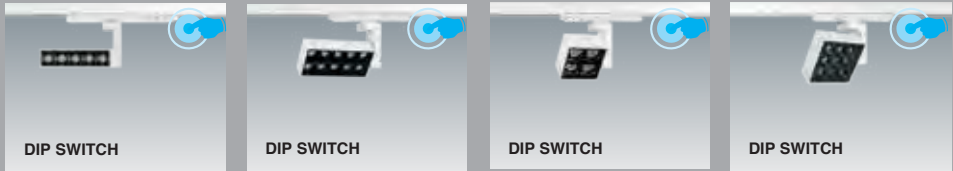


48V DC



48V DC p. 312

MATRIX Q



Matrix Q p. 330

FOCUS

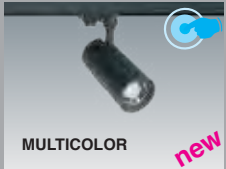


Focus L-R p. 338  
Focus Slim Q p. 350  
Focus Slim T p. 362

ASSO



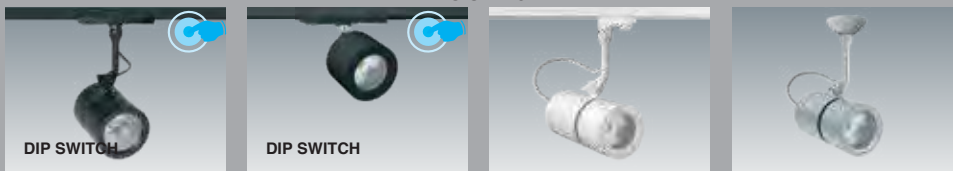
ZOOM



Asso p. 372

Zoom p. 382

VISION 2.0



Vision 2.0 p. 384

KRIPTON B



Krypton B p. 392

TECHNO TRACK 2.0



OMNITRACK PLUS



OMNITRACK



Techno Track 2.0 p. 394  
Omni-track PLUS p. 402  
Omni-track p. 408





The new Fosnova 48V DC spotlights mounted on low voltage track MICRO systems make up the perfect lighting solution in settings where accent lighting with very low energy consumption must also reinforce the style and aesthetics of the room.

**Housing:** in die-cast aluminium, adapter included.

**LED:** high-efficiency light sources (**CRI 92**).  
Photobiological safety class: exempt group.

**Upon request:** version with CASAMBI automation lighting control system.  
For further information see chapter *Technical components*.



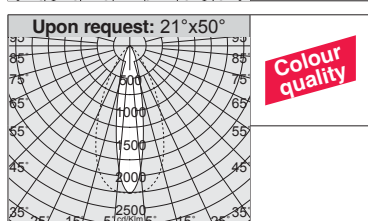
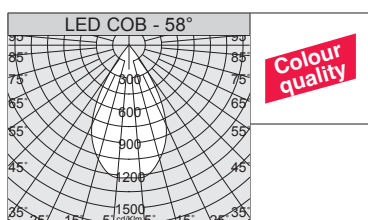
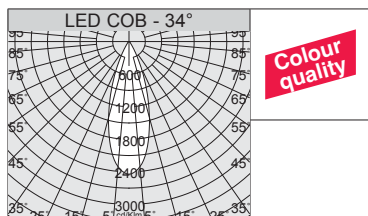
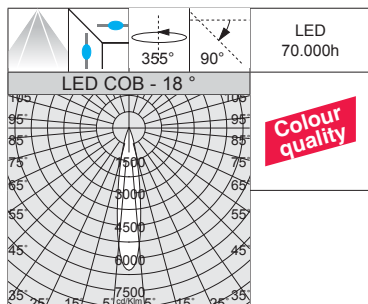
**CASAMBI VOICE available soon:**

an innovative interface to control DALI devices at the same time using the CASAMBI app through Bluetooth and voice control using assistants, such as AMAZON ALEXA/GOOGLE HOME/MATTER through Wi-Fi. CASAMBI and AMAZON ALEXA/GOOGLE HOME/MATTER are independent systems that are designed to communicate with and update each other.

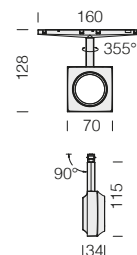
**CASAMBI**
 **Google Assistant**
 **amazon alexa**
 **matter**
**CASAMBI Wireless Adapter**

DALI-master controller to monitor up to 8 groups/64 DALI spotlights, designed for 48V DC low voltage power tracks. The DALI-master Bluetooth-controlled device is made to control DALI lamps from mobile devices and CASAMBI app.

**fosnova**



IP40 IK07

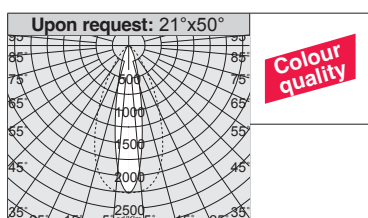
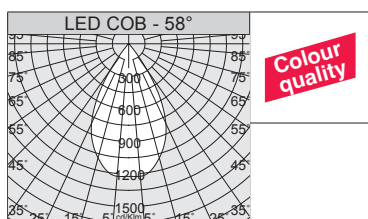
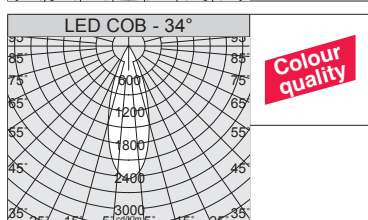
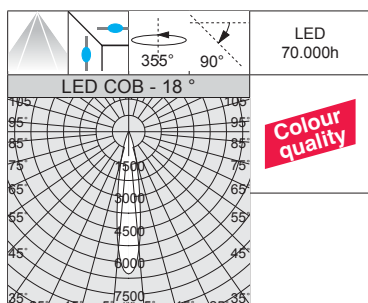


**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.

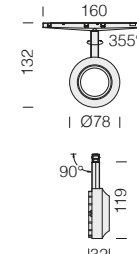
## Focus SLIM "Q" 5.0 - 48V DC

| LED | colour | CLD D-DIG (DALI) |               | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|-----|--------|------------------|---------------|-------|-------------------------------|
|     |        | weight           | code          |       | K - ølm - CRI - degrees       |
| COB | white  | 0,30             | 22108713-1241 | 14    | 3000K - 1332lm - CRI 92 - 18° |
|     | black  |                  | 22108733-1241 |       |                               |
| COB | white  | 0,30             | 22108713-6841 | 14    | 4000K - 1403lm - CRI 92 - 18° |
|     | black  |                  | 22108733-6841 |       |                               |
| COB | white  | 0,30             | 22108714-1241 | 14    | 3000K - 1297lm - CRI 92 - 34° |
|     | black  |                  | 22108734-1241 |       |                               |
| COB | white  | 0,30             | 22108714-6841 | 14    | 4000K - 1365lm - CRI 92 - 34° |
|     | black  |                  | 22108734-6841 |       |                               |
| COB | white  | 0,30             | 22108715-1241 | 14    | 3000K - 1405lm - CRI 92 - 58° |
|     | black  |                  | 22108735-1241 |       |                               |
| COB | white  | 0,30             | 22108715-6841 | 14    | 4000K - 1479lm - CRI 92 - 58° |
|     | black  |                  | 22108735-6841 |       |                               |

Upon request: 21°x50° elliptical beam.



IP40 IK07

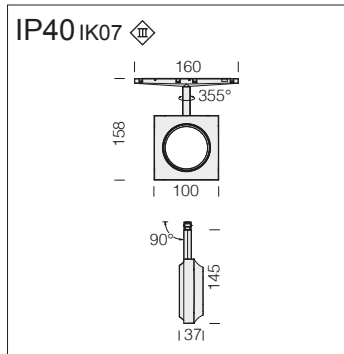


**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.

## Focus SLIM "T" 5.0 - 48V DC

| Focus SLIM “T” 5.0 - 48V DC            |        |                  |               |       |                               |
|----------------------------------------|--------|------------------|---------------|-------|-------------------------------|
|                                        |        | CLD D-DIG (DALI) |               |       | LUMEN OUTPUT (tq= 25 °C)      |
| LED                                    | colour | weight           | code          | W tot | K - ølm - CRI - degrees       |
| COB                                    | white  | 0,30             | 22109410-1241 | 14    | 3000K - 1332lm - CRI 92 - 18° |
|                                        | black  |                  | 22109430-1241 |       |                               |
| COB                                    | white  | 0,30             | 22109410-6841 | 14    | 4000K - 1403lm - CRI 92 - 18° |
|                                        | black  |                  | 22109430-6841 |       |                               |
| COB                                    | white  | 0,30             | 22109411-1241 | 14    | 3000K - 1297lm - CRI 92 - 34° |
|                                        | black  |                  | 22109431-1241 |       |                               |
| COB                                    | white  | 0,30             | 22109411-6841 | 14    | 4000K - 1365lm - CRI 92 - 34° |
|                                        | black  |                  | 22109431-6841 |       |                               |
| COB                                    | white  | 0,30             | 22109412-1241 | 14    | 3000K - 1405lm - CRI 92 - 58° |
|                                        | black  |                  | 22109432-1241 |       |                               |
| COB                                    | white  | 0,30             | 22109412-6841 | 14    | 4000K - 1479lm - CRI 92 - 58° |
|                                        | black  |                  | 22109432-6841 |       |                               |
| Upon request: 21°x50° elliptical beam. |        |                  |               |       |                               |

Upon request: 21°x50° elliptical beam.

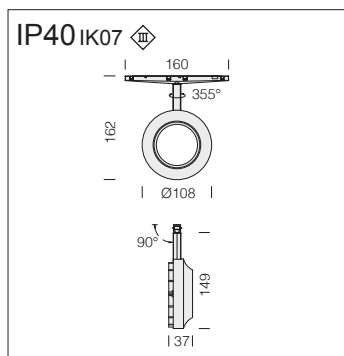


**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.



| Focus SLIM "Q" 7.0 - 48V DC |        |        |                  |       |                               |
|-----------------------------|--------|--------|------------------|-------|-------------------------------|
| LED                         | colour | weight | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|                             |        |        | code             |       | K - ølm - CRI - degrees       |
| COB                         | white  | 0,40   | 22108813-1241    | 19    | 3000K - 1988lm - CRI 92 - 22° |
|                             | black  |        | 22108833-1241    |       |                               |
| COB                         | white  | 0,40   | 22108813-6841    | 19    | 4000K - 2092lm - CRI 92 - 22° |
|                             | black  |        | 22108833-6841    |       |                               |
| COB                         | white  | 0,40   | 22108814-1241    | 19    | 3000K - 1914lm - CRI 92 - 37° |
|                             | black  |        | 22108834-1241    |       |                               |
| COB                         | white  | 0,40   | 22108814-6841    | 19    | 4000K - 2043lm - CRI 92 - 37° |
|                             | black  |        | 22108834-6841    |       |                               |
| COB                         | white  | 0,40   | 22108815-1241    | 19    | 3000K - 1932lm - CRI 92 - 55° |
|                             | black  |        | 22108835-1241    |       |                               |
| COB                         | white  | 0,40   | 22108815-6841    | 19    | 4000K - 2034lm - CRI 92 - 55° |
|                             | black  |        | 22108835-6841    |       |                               |

Upon request: 21°x50° elliptical beam.

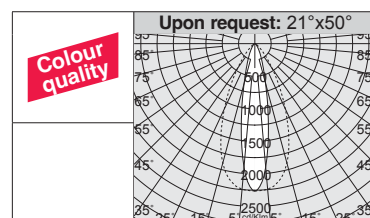
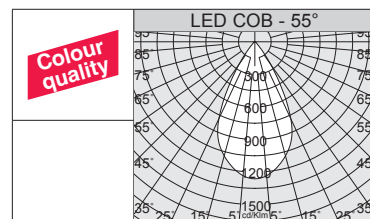
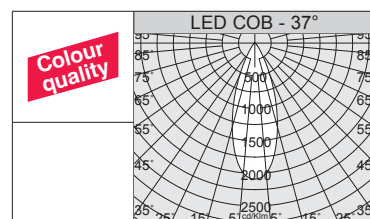
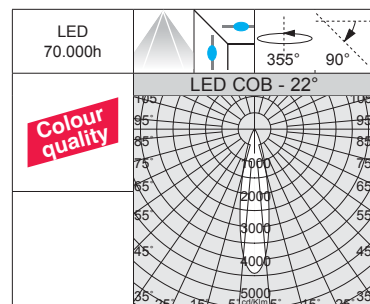
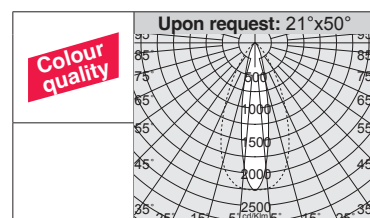
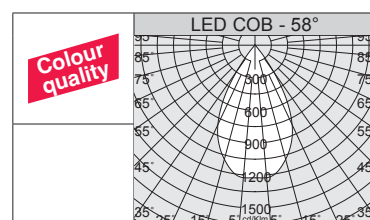
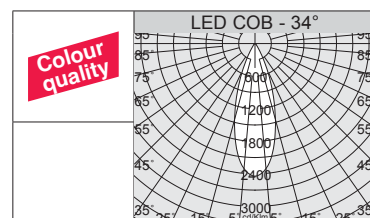
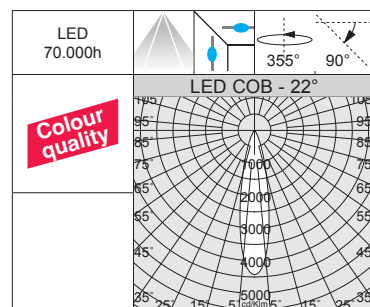


**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.

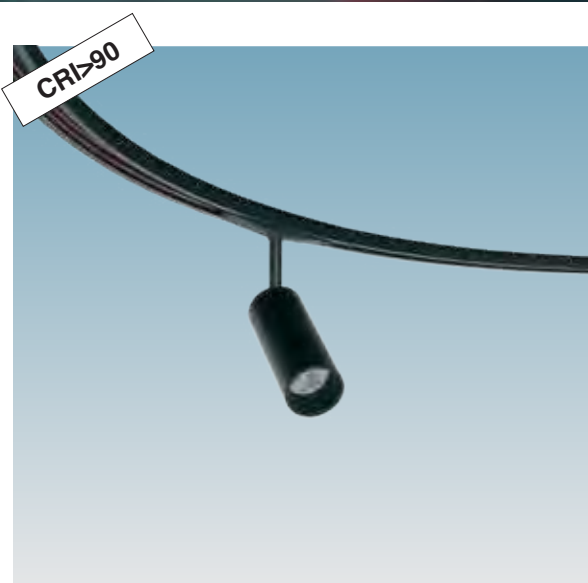
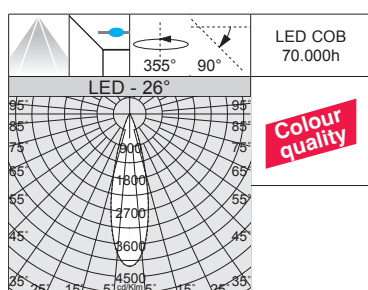
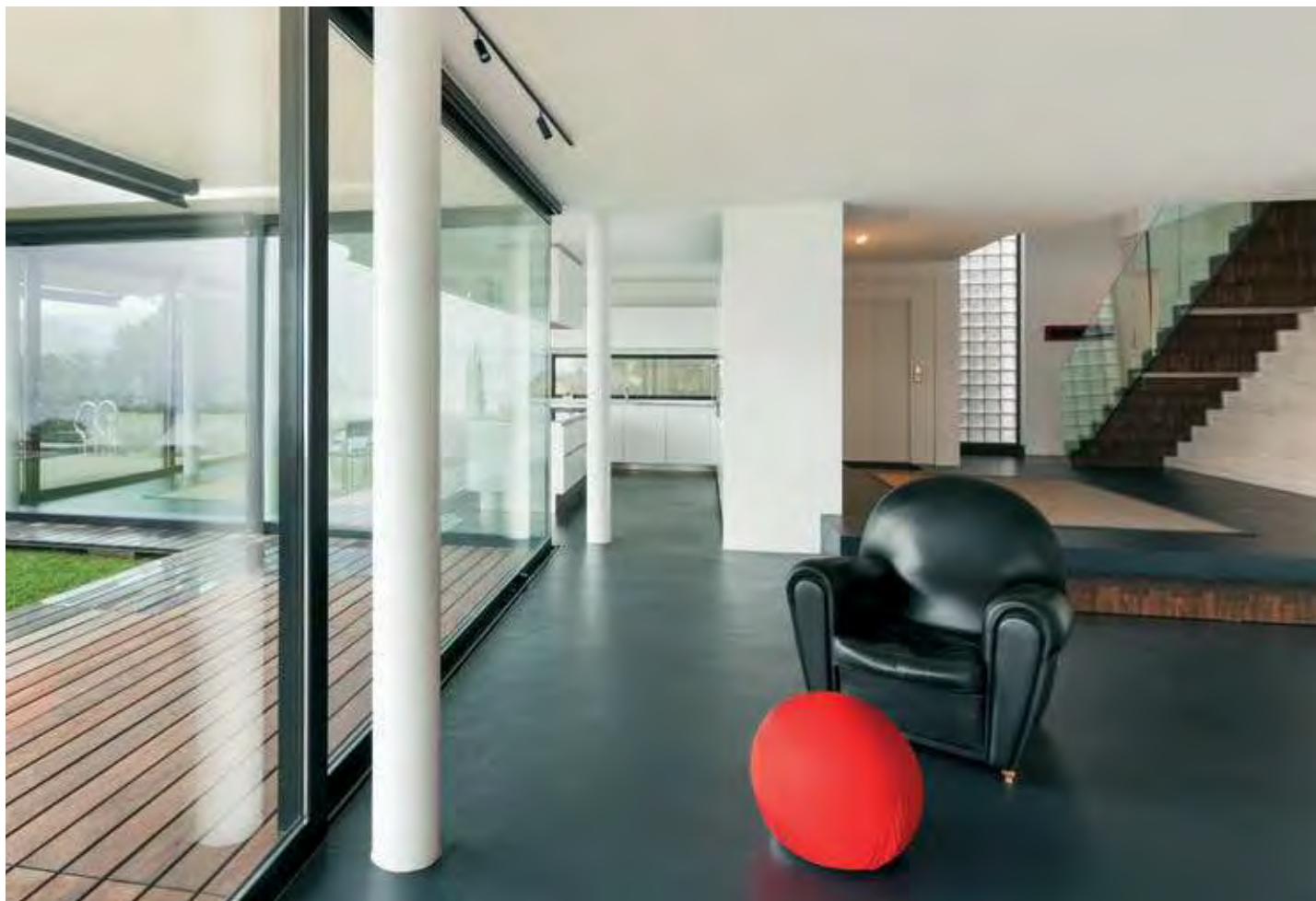


| Focus SLIM "T" 7.0 - 48V DC |        |        |                  |       |                               |
|-----------------------------|--------|--------|------------------|-------|-------------------------------|
| LED                         | colour | weight | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|                             |        |        | code             |       | K - ølm - CRI - degrees       |
| COB                         | white  | 0,40   | 22109510-1241    | 19    | 3000K - 1988lm - CRI 92 - 22° |
|                             | black  |        | 22109530-1241    |       |                               |
| COB                         | white  | 0,40   | 22109510-6841    | 19    | 4000K - 2092lm - CRI 92 - 22° |
|                             | black  |        | 22109530-6841    |       |                               |
| COB                         | white  | 0,40   | 22109511-1241    | 19    | 3000K - 1914lm - CRI 92 - 37° |
|                             | black  |        | 22109531-1241    |       |                               |
| COB                         | white  | 0,40   | 22109511-6841    | 19    | 4000K - 2043lm - CRI 92 - 37° |
|                             | black  |        | 22109531-6841    |       |                               |
| COB                         | white  | 0,40   | 22109512-1241    | 19    | 3000K - 1932lm - CRI 92 - 55° |
|                             | black  |        | 22109532-1241    |       |                               |
| COB                         | white  | 0,40   | 22109512-6841    | 19    | 4000K - 2034lm - CRI 92 - 55° |
|                             | black  |        | 22109532-6841    |       |                               |

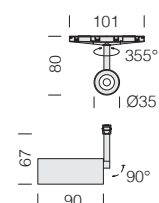
Upon request: 21°x50° elliptical beam.







IP40 IK07

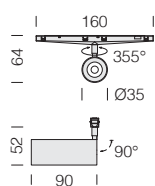


**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.

| Asso "A" mini T - 48V DC - can be installed also on track MICRO P curved lines |        |        |                  |                              |
|--------------------------------------------------------------------------------|--------|--------|------------------|------------------------------|
| LED                                                                            | colour | weight | CLD D-DIG (DALI) | LUMEN OUTPUT (tq= 25 °C)     |
|                                                                                |        |        | code             | K - ølm - CRI - degrees      |
| LED                                                                            | white  | 0,20   | 22044110-1241    | 3000K - 614lm - CRI>90 - 20° |
|                                                                                | black  |        | 22044130-1241    |                              |
| LED                                                                            | white  | 0,20   | 22044111-1241    | 3000K - 668lm - CRI>90 - 26° |
|                                                                                | black  |        | 22044131-1241    |                              |
| LED                                                                            | white  | 0,20   | 22044112-1241    | 3000K - 656lm - CRI>90 - 36° |
|                                                                                | black  |        | 22044132-1241    |                              |

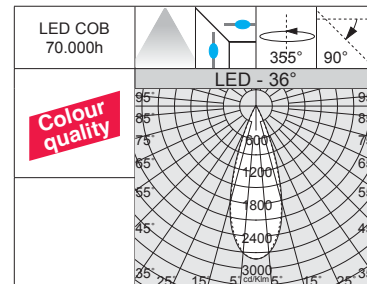
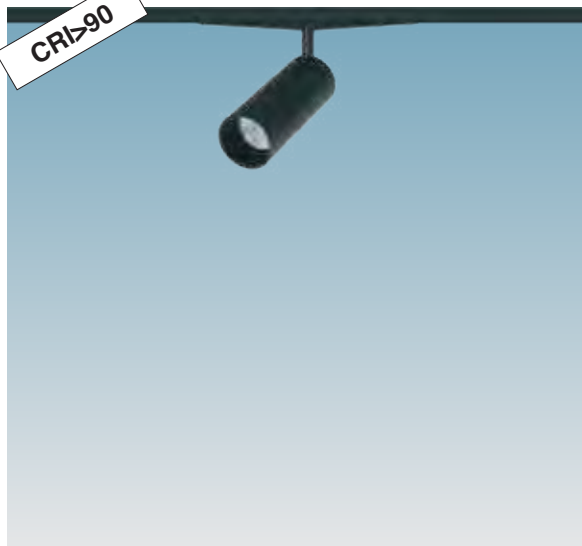
Can be installed also on track 48V DC MICRO P curved lines. **Upon request:** 4000K version.

IP40 IK07



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.

CRI&gt;90

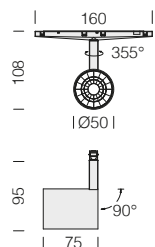


## Asso "A" mini T - 48V DC

|     |        | CLD D-DIG (DALI) |               | W tot | LUMEN OUTPUT (tq= 25 °C)     |
|-----|--------|------------------|---------------|-------|------------------------------|
| LED | colour | weight           | code          |       | K - ølm - CRI - degrees      |
| LED | white  | 0,10             | 22044113-1241 | 8     | 3000K - 656lm - CRI>90 - 36° |
|     | black  |                  | 22044133-1241 |       |                              |

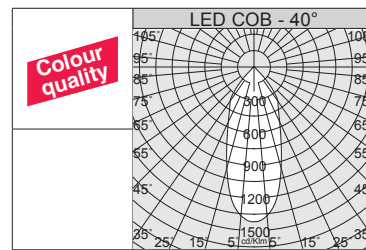
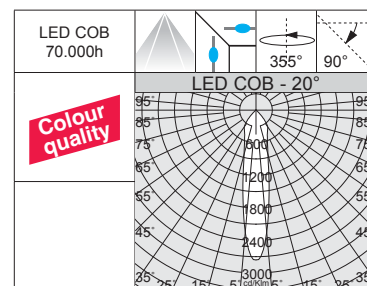
Upon request: 4000K version.

IP40 IK07



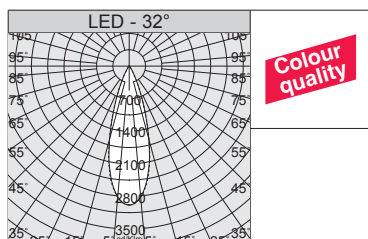
**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.

CRI&gt;90

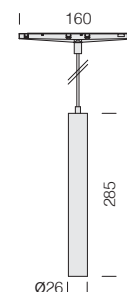


## Asso "B" small T - 48V DC

|     |        | CLD D-DIG (DALI) |               | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|-----|--------|------------------|---------------|-------|-------------------------------|
| LED | colour | weight           | code          |       | K - ølm - CRI - degrees       |
| COB | white  | 0,30             | 22040910-1241 | 14    | 3000K - 1478lm - CRI>90 - 20° |
|     | black  |                  | 22040930-1241 |       |                               |
| COB | white  | 0,30             | 22040910-6841 | 14    | 4000K - 1556lm - CRI>90 - 20° |
|     | black  |                  | 22040930-6841 |       |                               |
| COB | white  | 0,30             | 22040911-1241 | 14    | 3000K - 1492lm - CRI>90 - 28° |
|     | black  |                  | 22040931-1241 |       |                               |
| COB | white  | 0,30             | 22040911-6841 | 14    | 4000K - 1571lm - CRI>90 - 28° |
|     | black  |                  | 22040931-6841 |       |                               |
| COB | white  | 0,30             | 22040912-1241 | 14    | 3000K - 1424lm - CRI>90 - 40° |
|     | black  |                  | 22040932-1241 |       |                               |
| COB | white  | 0,30             | 22040912-6841 | 14    | 4000K - 1499lm - CRI>90 - 40° |
|     | black  |                  | 22040932-6841 |       |                               |
| COB | white  | 0,30             | 22040913-1241 | 14    | 3000K - 1436lm - CRI>90 - 60° |
|     | black  |                  | 22040933-1241 |       |                               |
| COB | white  | 0,30             | 22040913-6841 | 14    | 4000K - 1512lm - CRI>90 - 60° |
|     | black  |                  | 22040933-6841 |       |                               |



IP40 IK07



**Standard supply:** supplied with suspension cable (L=1,50m).

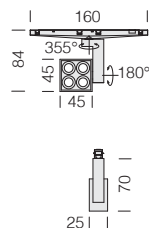
**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0,95.

| Asso "A" STILO - 48V DC |        |        |                  |                              |
|-------------------------|--------|--------|------------------|------------------------------|
| LED                     | colour | weight | CLD D-DIG (DALI) | LUMEN OUTPUT (tq= 25 °C)     |
|                         |        |        | code             | K - ølm - CRI - degrees      |
| LED                     | white  | 0,30   | 22045010-1241    | 3000K - 314lm - CRI>90 - 32° |
|                         | black  |        | 22045030-1241    |                              |

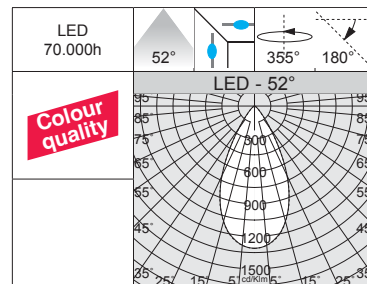
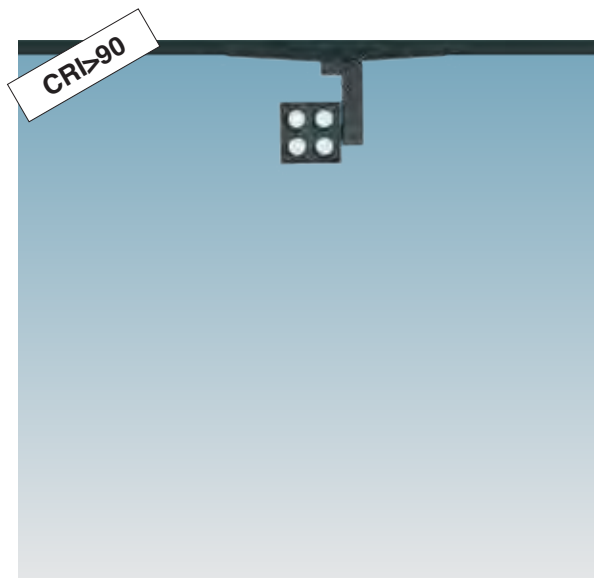
Upon request: 4000K version.



IP40 IK07

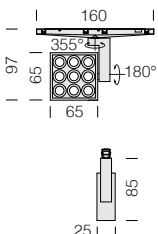


**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.

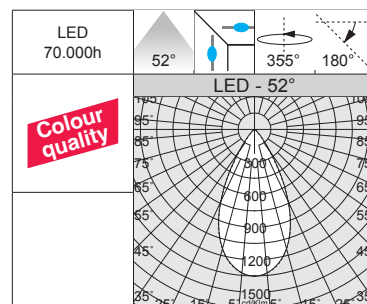
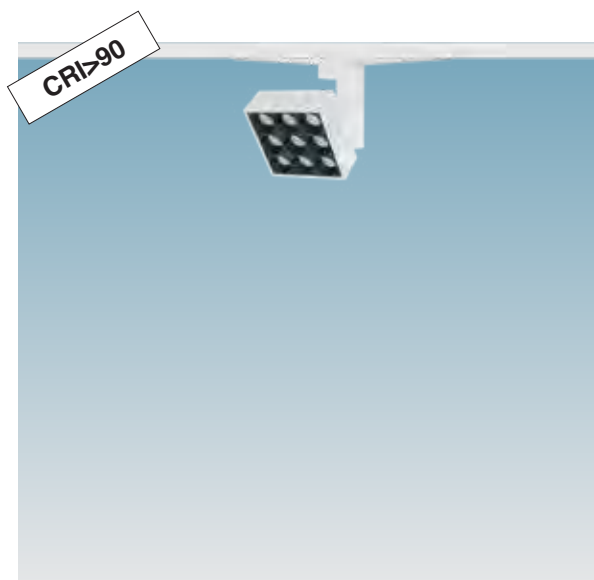


| Matrix Q4 DARK “C” mini - 48V DC |        |                  |               |       |                              |
|----------------------------------|--------|------------------|---------------|-------|------------------------------|
|                                  |        | CLD D-DIG (DALI) |               |       | LUMEN OUTPUT (tq= 25 °C)     |
| LED                              | colour | weight           | code          | W tot | K - ølm - CRI - degrees      |
| LED                              | white  | 0,10             | 22103713-1241 | 4     | 3000K - 224lm - CRI>90 - 52° |
|                                  | black  |                  | 22103733-1241 |       |                              |
| Upon request: 4000K version.     |        |                  |               |       |                              |

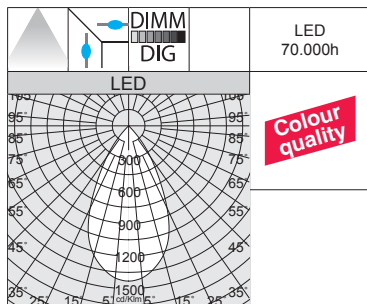
IP40 IK07



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.



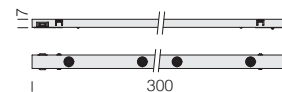
| Matrix Q9 DARK “C” mini - 48V DC |        |                  |               |       |                              |
|----------------------------------|--------|------------------|---------------|-------|------------------------------|
|                                  |        | CLD D-DIG (DALI) |               |       | LUMEN OUTPUT (tq= 25 °C)     |
| LED                              | colour | weight           | code          | W tot | K - ølm - CRI - degrees      |
| LED                              | white  | 0,20             | 22103218-1241 | 8     | 3000K - 540lm - CRI>90 - 52° |
|                                  | black  |                  | 22103238-1241 |       |                              |
| Upon request: 4000K version.     |        |                  |               |       |                              |



Colour quality



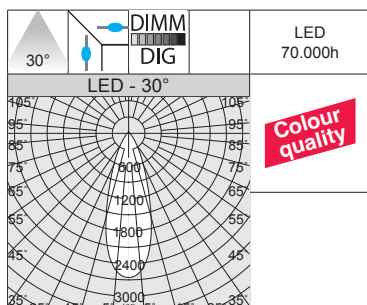
IP20 IK07



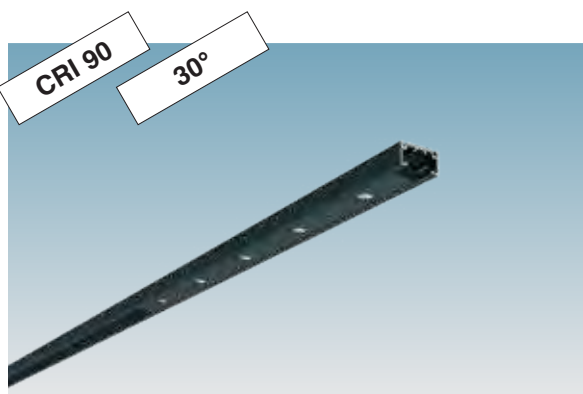
#### Module UGR<19 for MICRO track - CRI 90

| CLD D-DIG (DALI) |               |       | LUMEN OUTPUT (tq= 25 °C) |  | POWER TRACK COMPATIBILITY |   |   |   |      |
|------------------|---------------|-------|--------------------------|--|---------------------------|---|---|---|------|
| colour           | code          | W tot | K - ølm - CRI            |  | P                         | H | T | R | POLE |
| black            | 22962330-1241 | 5     | 3000K - 384lm - CRI 90   |  | ✓                         | ✓ | ✓ | ✓ | ✓    |

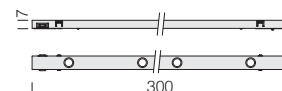
L= 300mm



Colour quality



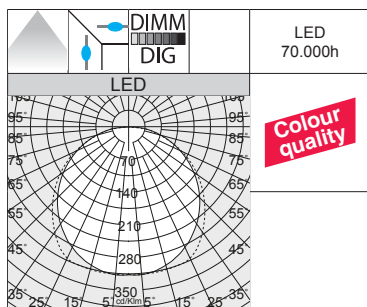
IP20 IK07



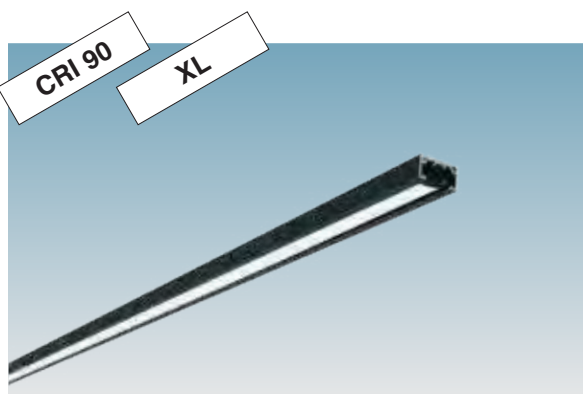
#### Module for MICRO track - 30° - CRI 90

| CLD D-DIG (DALI) |               |       | LUMEN OUTPUT (tq= 25 °C)     |  | POWER TRACK COMPATIBILITY |   |   |   |      |
|------------------|---------------|-------|------------------------------|--|---------------------------|---|---|---|------|
| colour           | code          | W tot | K - ølm - CRI - degrees      |  | P                         | H | T | R | POLE |
| black            | 22962430-1241 | 5     | 3000K - 317lm - CRI 90 - 30° |  | ✓                         | ✓ | ✓ | ✓ | ✓    |

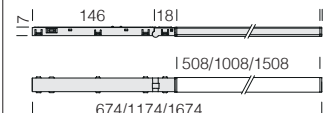
L= 300mm



Colour quality

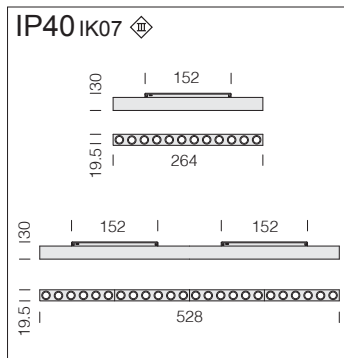


IP20 IK07

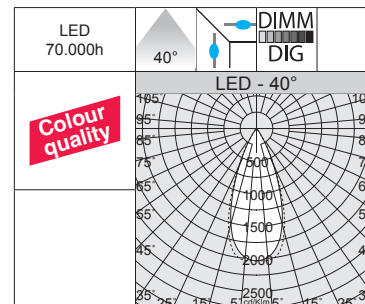
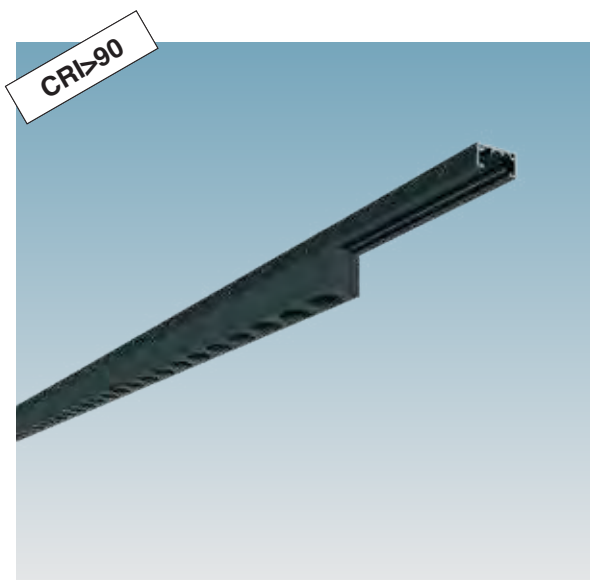


#### Opal module for MICRO track - XL - CRI 90

| Upper module for micro track - XL - CRI 90 |                  |       |                                     |  |  |                           |   |   |   |      |
|--------------------------------------------|------------------|-------|-------------------------------------|--|--|---------------------------|---|---|---|------|
|                                            | CLD D-DIG (DALI) |       | LUMEN OUTPUT (tq= 25 °C)            |  |  | POWER TRACK COMPATIBILITY |   |   |   |      |
| colour                                     | code             | W tot | K - ølm - CRI - degrees             |  |  | P                         | H | T | R | POLE |
| black                                      | 22962530-1241    | 7     | 3000K - 430lm - <b>CRI 90</b> - XL  |  |  | ✓                         | ✓ | ✗ | ✗ | ✓    |
| L= 674 mm                                  |                  |       |                                     |  |  |                           |   |   |   |      |
| black                                      | 22962531-1241    | 14    | 3000K - 858lm - <b>CRI 90</b> - XL  |  |  | ✓                         | ✓ | ✗ | ✗ | ✓    |
| L= 1174 mm                                 |                  |       |                                     |  |  |                           |   |   |   |      |
| black                                      | 22962532-1241    | 21    | 3000K - 1287lm - <b>CRI 90</b> - XL |  |  | ✓                         | ✓ | ✗ | ✗ | ✓    |
| L= 1674 mm                                 |                  |       |                                     |  |  |                           |   |   |   |      |

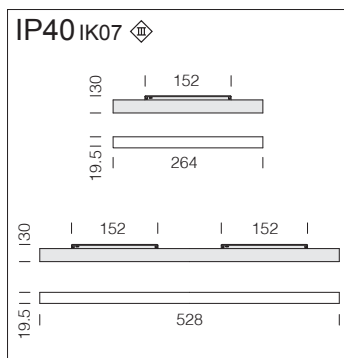


**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.

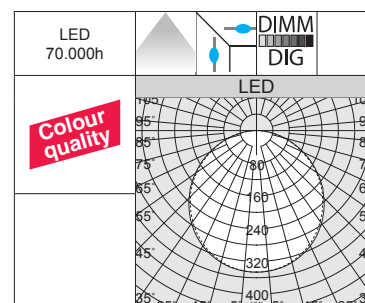


| Liset 2.0 mini - with comfort optics - 48V DC |        |                  |        |               |                          |                               |
|-----------------------------------------------|--------|------------------|--------|---------------|--------------------------|-------------------------------|
|                                               |        | CLD D-DIG (DALI) |        |               | LUMEN OUTPUT (tq= 25 °C) |                               |
| LED                                           | colour | L (mm)           | weight | code          | W tot                    | K - ølm - CRI - degrees       |
| LED                                           | white  | 264              | 0,10   | 22012710-1241 | 7                        | 3000K - 790lm - CRI>90 - 40°  |
|                                               | black  |                  |        | 22012730-1241 |                          |                               |
| LED                                           | white  | 528              | 0,20   | 22012711-1241 | 14                       | 3000K - 1580lm - CRI>90 - 40° |
|                                               | black  |                  |        | 22012731-1241 |                          |                               |

Upon request: 4000K version.



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.

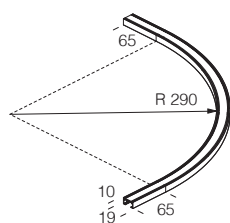
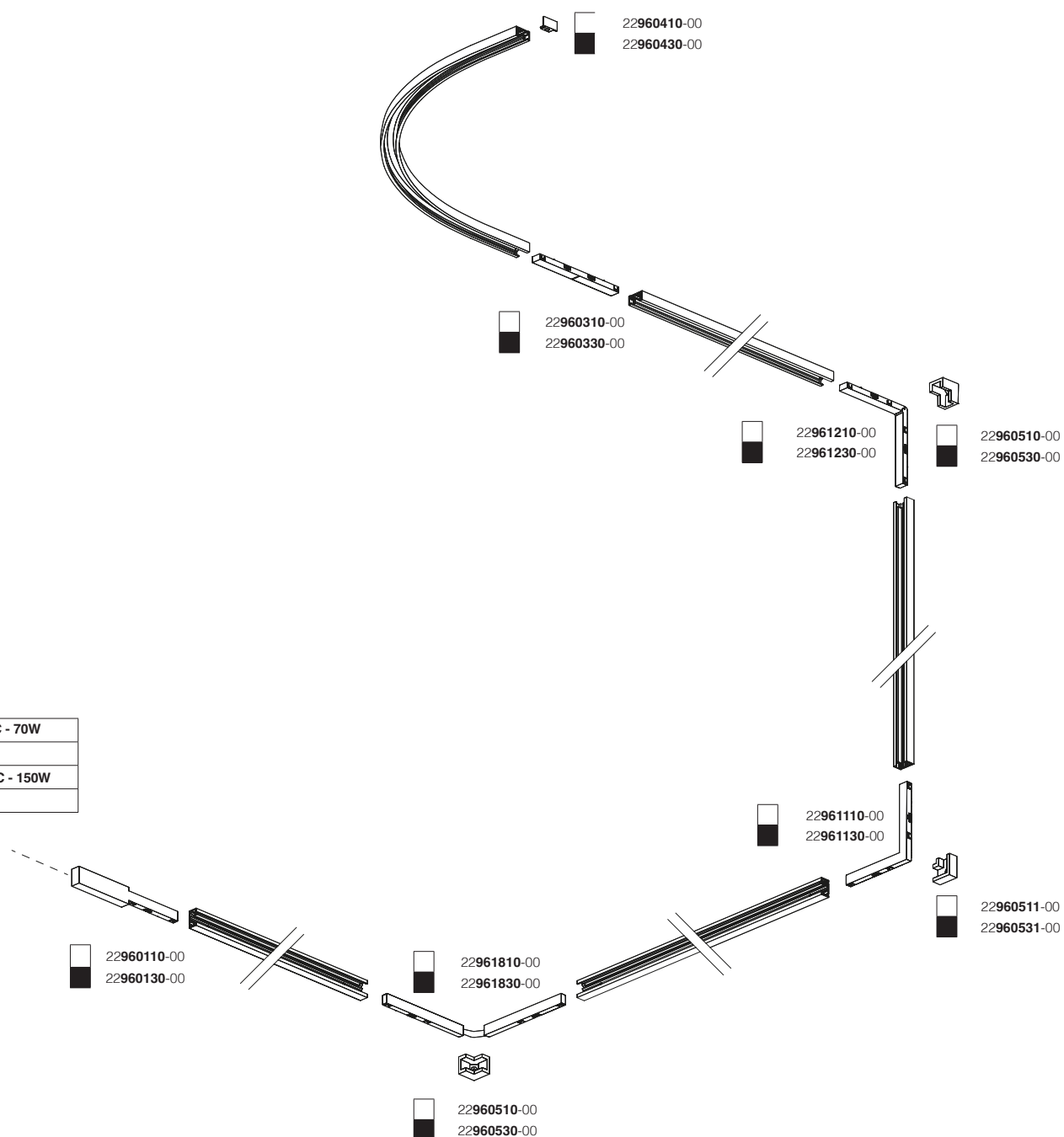


| Liset 2.0 mini - with diffuser - 48V DC |        |                  |        |               |                          |                        |
|-----------------------------------------|--------|------------------|--------|---------------|--------------------------|------------------------|
|                                         |        | CLD D-DIG (DALI) |        |               | LUMEN OUTPUT (tq= 25 °C) |                        |
| LED                                     | colour | L (mm)           | weight | code          | W tot                    | K - ølm - CRI          |
| LED                                     | white  | 264              | 0,10   | 22012712-1241 | 7                        | 3000K - 470lm - CRI>90 |
|                                         | black  |                  |        | 22012732-1241 |                          |                        |
| LED                                     | white  | 528              | 0,20   | 22012713-1241 | 14                       | 3000K - 940lm - CRI>90 |
|                                         | black  |                  |        | 22012733-1241 |                          |                        |

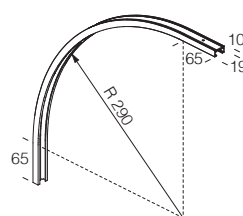
Upon request: 4000K version.



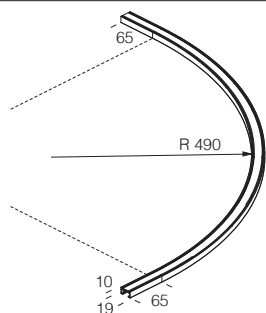
|                                  |
|----------------------------------|
| <b>Driver SELV 48V DC - 70W</b>  |
| 22092019-00                      |
| <b>Driver SELV 48V DC - 150W</b> |
| 22092092-00                      |



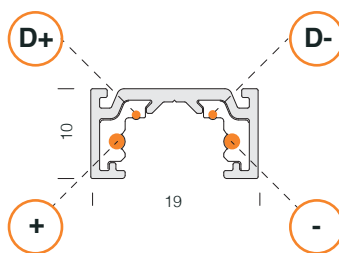
| <b>R290 ceiling curve<br/>for track MICRO P</b> |             |
|-------------------------------------------------|-------------|
| white                                           | 22962910-00 |
| black                                           | 22962930-00 |
| 3 screws and 3 plugs per metre included.        |             |



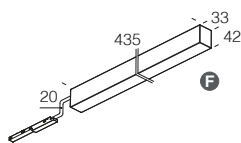
| <b>R290 wall/ceiling curve<br/>for track MICRO P</b> |             |
|------------------------------------------------------|-------------|
| white                                                | 22962911-00 |
| black                                                | 22962931-00 |
| 3 screws and 3 plugs per metre included.             |             |



| <b>R490 ceiling curve<br/>for track MICRO P</b> |             |
|-------------------------------------------------|-------------|
| white                                           | 22964910-00 |
| black                                           | 22964930-00 |
| 3 screws and 3 plugs per metre included.        |             |

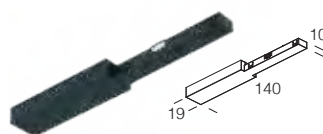


| Track MICRO P                                                                                          |      |                      |                              |
|--------------------------------------------------------------------------------------------------------|------|----------------------|------------------------------|
| colour                                                                                                 | mm   | code                 | weight on track              |
| white                                                                                                  | 1000 | 22 <b>960010</b> -00 | max 9Kg                      |
| black                                                                                                  |      | 22 <b>960030</b> -00 |                              |
| white                                                                                                  | 2000 | 22 <b>960011</b> -00 | max 15Kg                     |
| black                                                                                                  |      | 22 <b>960031</b> -00 |                              |
| white                                                                                                  | 3000 | 22 <b>960012</b> -00 | max 24Kg                     |
| black                                                                                                  |      | 22 <b>960032</b> -00 |                              |
| Made in polymer with copper conductors. Max. length of continuous row systems: 50 m. Max. power: 100W. |      |                      | Note: 3 fasteners per metre. |



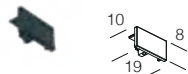
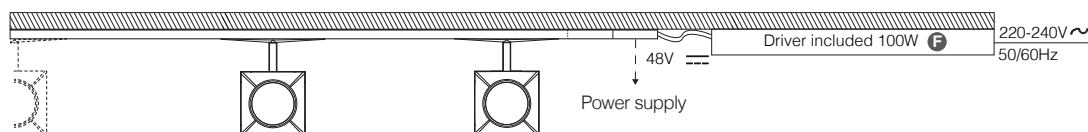
Prepared with ceiling mounting bracket, end cap and end cap power cable (L= 20 mm).

| 100W power supply box for track MICRO P                                                                                                    |             |
|--------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| white                                                                                                                                      | 22962010-00 |
| black                                                                                                                                      | 22962030-00 |
| Equipped with 220-240V~ 50/60Hz power supply - Vout 48V DC with DALI bus feed-through to be completed with DALI Opto-isolator 22092100-00. |             |

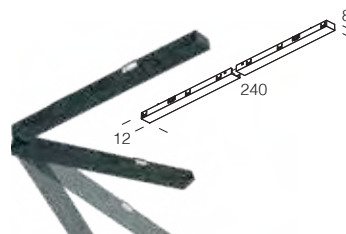


Prepared with power supply terminals for 2x1.5mm<sup>2</sup> cables: 48V DC and 2x0.35mm<sup>2</sup> for DALI version.

| Track MICRO P power supply end cap           |             |
|----------------------------------------------|-------------|
| white                                        | 22960110-00 |
| black                                        | 22960130-00 |
| Housing in polyamide. Copper alloy contacts. |             |



| Track MICRO P end cap |             |
|-----------------------|-------------|
| white                 | 22960410-00 |
| black                 | 22960430-00 |



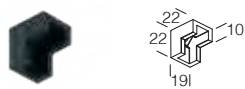
| Track MICRO P flexible joint                 |             |
|----------------------------------------------|-------------|
| white                                        | 22961810-00 |
| black                                        | 22961830-00 |
| Housing in polyamide. Copper alloy contacts. |             |



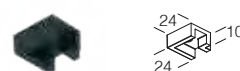
| Track MICRO P cover          |             |
|------------------------------|-------------|
| white                        | 22961010-00 |
| black                        | 22961030-00 |
| Housing in PMMA. L= 3000 mm. |             |



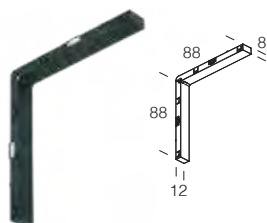
| Track MICRO P linear joint                   |             |
|----------------------------------------------|-------------|
| white                                        | 22960310-00 |
| black                                        | 22960330-00 |
| Housing in polyamide. Copper alloy contacts. |             |



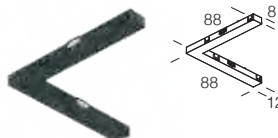
| Track MICRO P vertical angle cover |             |
|------------------------------------|-------------|
| white                              | 22960510-00 |
| black                              | 22960530-00 |
| Housing in polyamide.              |             |



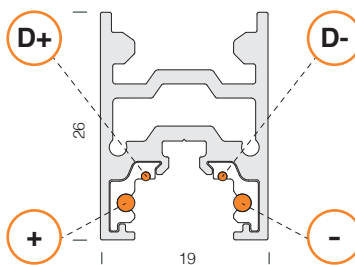
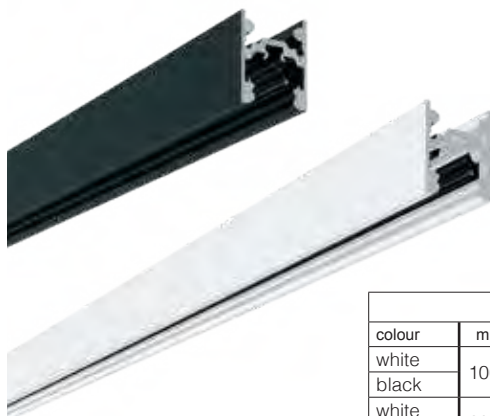
| Track MICRO P horizontal angle cover |             |
|--------------------------------------|-------------|
| white                                | 22960511-00 |
| black                                | 22960531-00 |
| Housing in polyamide.                |             |



| Track MICRO P L-joint for ceiling/wall mount |             |
|----------------------------------------------|-------------|
| white                                        | 22961210-00 |
| black                                        | 22961230-00 |
| Housing in polyamide. Copper alloy contacts. |             |



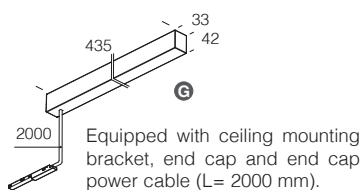
| Track MICRO P L-joint                        |             |
|----------------------------------------------|-------------|
| white                                        | 22961110-00 |
| black                                        | 22961130-00 |
| Housing in polyamide. Copper alloy contacts. |             |



| Track MICRO H |      |             |                 |
|---------------|------|-------------|-----------------|
| colour        | mm   | code        | weight on track |
| white         | 1000 | 22960013-00 | max 4Kg         |
| black         | 1000 | 22960033-00 |                 |
| white         | 2000 | 22960014-00 | max 6Kg         |
| black         | 2000 | 22960034-00 |                 |
| white         | 3000 | 22960015-00 | max 9Kg         |
| black         | 3000 | 22960035-00 |                 |

In extruded aluminium with copper conductors. Max. length of continuous row systems: 50 m. Max. power: 100W.

Note: suspension every 900 mm.



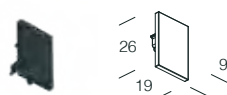
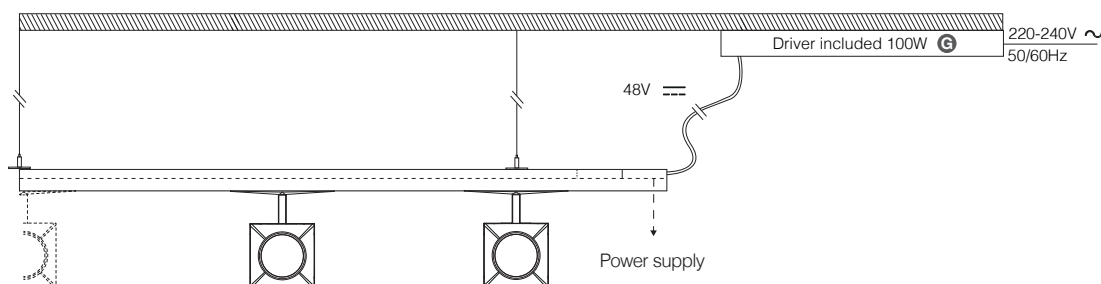
| 100W power supply box for track MICRO H |             |
|-----------------------------------------|-------------|
| white                                   | 22962011-00 |
| black                                   | 22962031-00 |

Equipped with 220-240V~ 50/60Hz power supply - Vout 48V DC with DALI bus feed-through to be completed with DALI Opto-isolator 22092100-00.

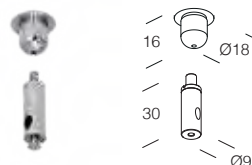


| Track MICRO H retractable power supply |             |
|----------------------------------------|-------------|
| white                                  | 22960111-00 |
| black                                  | 22960131-00 |

Housing in polyamide. Copper alloy contacts.

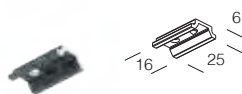


| Track MICRO H end cap |             |
|-----------------------|-------------|
| white                 | 22960411-00 |
| black                 | 22960431-00 |



| Track MICRO H suspension mounting kit |             |
|---------------------------------------|-------------|
| nickel                                | 22965876-00 |

Includes: ceiling rosette, millimetre adjustment with clamping screw and steel cable for suspension mount L= 1.75 m.

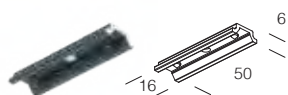


| Track MICRO H short bracket for suspension mounting |             |
|-----------------------------------------------------|-------------|
| white                                               | 22963111-00 |
| black                                               | 22963131-00 |



| Track MICRO H linear joint |             |
|----------------------------|-------------|
| white                      | 22960310-00 |
| black                      | 22960330-00 |

Housing in polyamide. Copper alloy contacts.

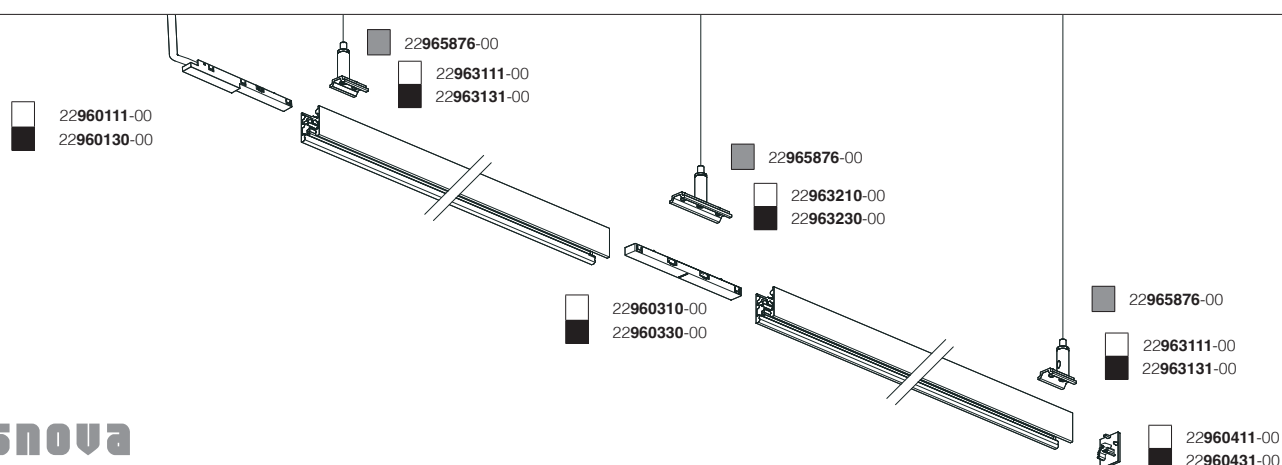


| Track MICRO H continuous row mounting bracket |             |
|-----------------------------------------------|-------------|
| white                                         | 22963210-00 |
| black                                         | 22963230-00 |

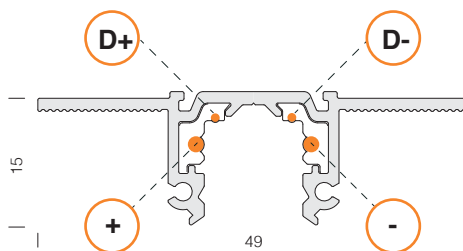


| Track MICRO H cover |             |
|---------------------|-------------|
| white               | 22961011-00 |
| black               | 22961031-00 |

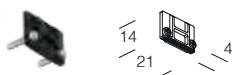
Housing in PMMA. L= 3000 mm.







| Track MICRO T                                                                                                |      |             |                              |
|--------------------------------------------------------------------------------------------------------------|------|-------------|------------------------------|
| colour                                                                                                       | mm   | code        | weight on track              |
| white                                                                                                        | 1000 | 22960016-00 | max 9Kg                      |
| black                                                                                                        | 1000 | 22960036-00 |                              |
| white                                                                                                        | 2000 | 22960017-00 | max 15Kg                     |
| black                                                                                                        | 2000 | 22960037-00 |                              |
| white                                                                                                        | 3000 | 22960018-00 | max 24Kg                     |
| black                                                                                                        | 3000 | 22960038-00 |                              |
| In extruded aluminium with copper conductors. Max. length of continuous row systems: 50 m. Max. power: 100W. |      |             | Note: 2 fasteners per metre. |



| Track MICRO T end cap |             |
|-----------------------|-------------|
| white                 | 22960412-00 |
| black                 | 22960432-00 |



Equipped with 2x1.5 mm<sup>2</sup> power cable: 48V and 2x0.35 mm<sup>2</sup> for the DALI version. L= 2500 mm

| Track MICRO T retractable power supply       |             |
|----------------------------------------------|-------------|
| white                                        | 22960111-00 |
| black                                        | 22960131-00 |
| Housing in polyamide. Copper alloy contacts. |             |

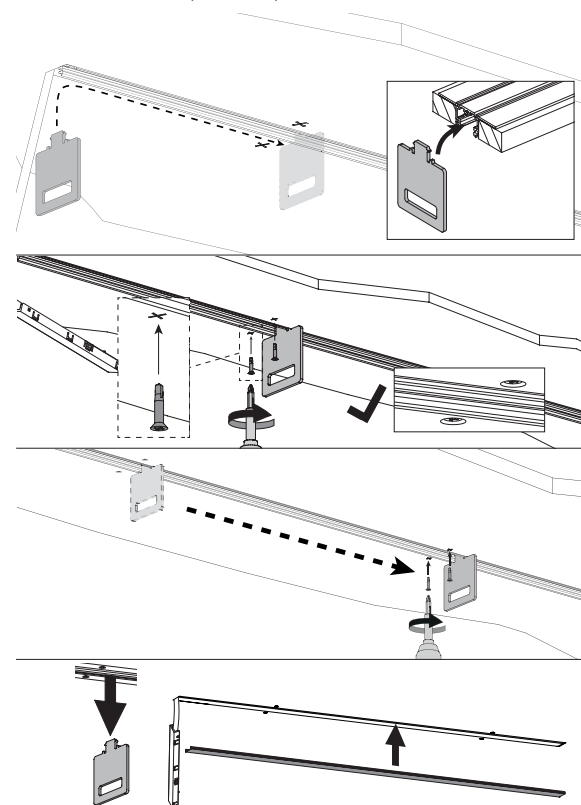


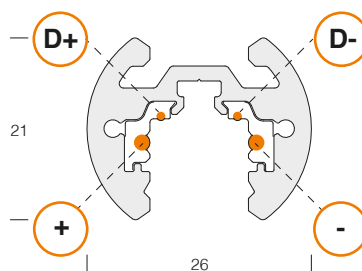
| Track MICRO T linear joint                   |             |
|----------------------------------------------|-------------|
| white                                        | 22960310-00 |
| black                                        | 22960330-00 |
| Housing in polyamide. Copper alloy contacts. |             |



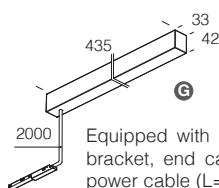
| Track MICRO T cover          |             |
|------------------------------|-------------|
| white                        | 22961011-00 |
| noir                         | 22961031-00 |
| Housing in PMMA. L= 3000 mm. |             |

**MICRO T** as standard equipped with steel bracket to allow easy installation of track onto false ceilings. The bracket must be used for the creation of a complete composition.





| Track MICRO R                                                                                                |      |                      |                                |
|--------------------------------------------------------------------------------------------------------------|------|----------------------|--------------------------------|
| colour                                                                                                       | mm   | code                 | weight on track                |
| white                                                                                                        | 2000 | 22 <b>960019</b> -00 | max 7Kg                        |
| black                                                                                                        |      | 22 <b>960039</b> -00 |                                |
| In extruded aluminium with copper conductors. Max. length of continuous row systems: 50 m. Max. power: 100W. |      |                      | Note: suspension every 900 mm. |



Equipped with ceiling mounting bracket, end cap and end cap power cable (L= 2000 mm).

| 100W power supply box for track MICRO R |             |
|-----------------------------------------|-------------|
| white                                   | 22962011-00 |
| black                                   | 22962031-00 |

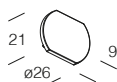
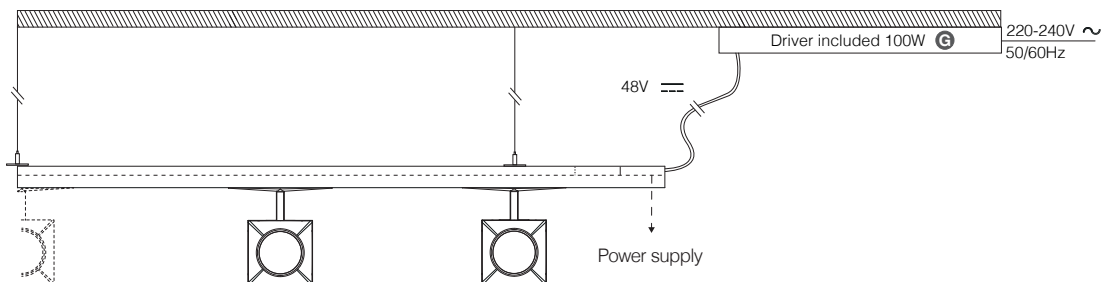
Equipped with 220-240V~ 50/60Hz power supply - Vout 48V DC with DALI bus feed-through to be completed with DALI Opto-isolator 22092100-00.



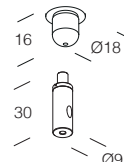
Equipped with 2x1.5 mm² power cable: 48V DC and 2x0.35 mm² for the DALI version. L= 2500 mm

| Track MICRO R retractable power supply |             |
|----------------------------------------|-------------|
| white                                  | 22960111-00 |
| black                                  | 22960131-00 |

Housing in polyamide. Copper alloy contacts.



| Track MICRO R end cap |             |
|-----------------------|-------------|
| white                 | 22960413-00 |
| black                 | 22960433-00 |

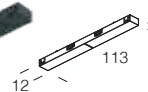


| Track MICRO R Suspension mounting kit |             |
|---------------------------------------|-------------|
| nickel                                | 22965876-00 |

Includes: ceiling rosette, millimetre adjustment with clamping screw and steel cable for suspension mount L= 1.75 m.

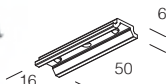


| Track MICRO R short bracket for suspension mounting |             |
|-----------------------------------------------------|-------------|
| white                                               | 22963111-00 |
| black                                               | 22963131-00 |



| Track MICRO R linear joint |             |
|----------------------------|-------------|
| white                      | 22960310-00 |
| black                      | 22960330-00 |

Housing in polyamide. Copper alloy contacts.

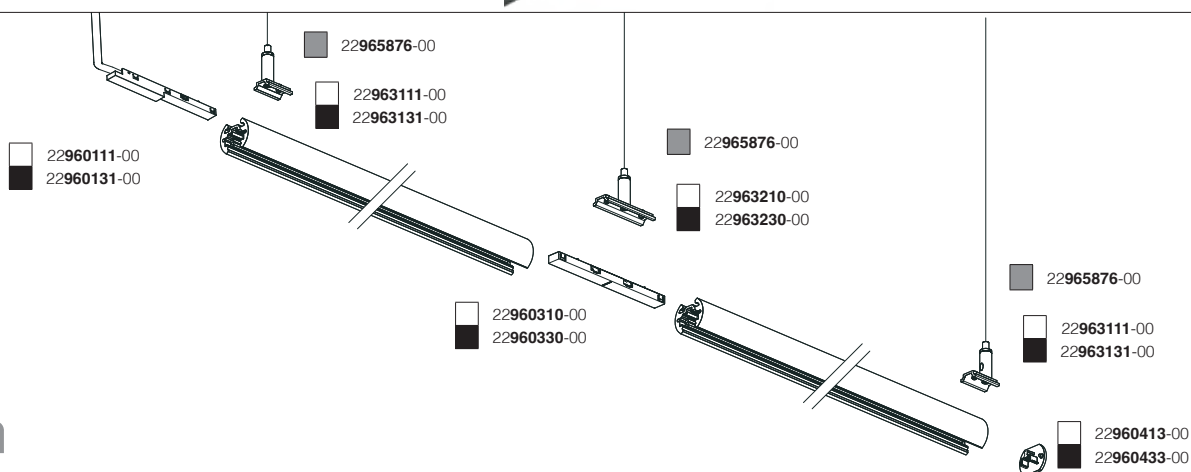


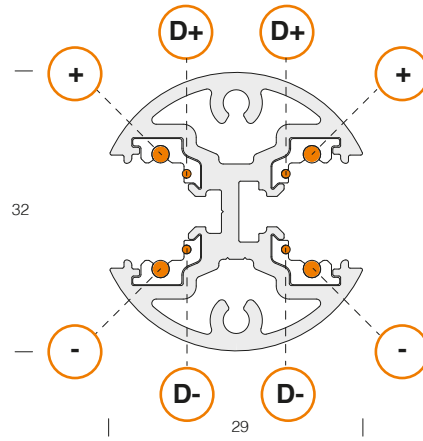
| Track MICRO R continuous row mounting bracket |             |
|-----------------------------------------------|-------------|
| white                                         | 22963210-00 |
| black                                         | 22963230-00 |



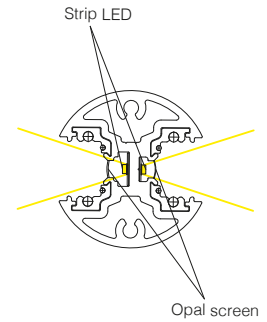
| Track MICRO R cover |             |
|---------------------|-------------|
| white               | 22961011-00 |
| black               | 22961031-00 |

Housing in PMMA. L= 3000 mm.

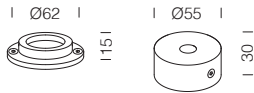




Upon request and design requirements:  
option to insert LED Strip



| MICRO R POLE                                                    |      |                      |                 |
|-----------------------------------------------------------------|------|----------------------|-----------------|
| colour                                                          | mm   | code                 | weight on track |
| white                                                           | 3000 | 22 <b>960091</b> -00 | max 6Kg         |
| black                                                           |      | 22 <b>960093</b> -00 |                 |
| In extruded aluminium with copper conductors. Max. power: 100W. |      |                      |                 |



| Floor/ceiling connector for<br>MICRO R POLE |             |
|---------------------------------------------|-------------|
| white                                       | 22960610-00 |
| black                                       | 22960630-00 |
| Complete with floor-mounting bracket.       |             |

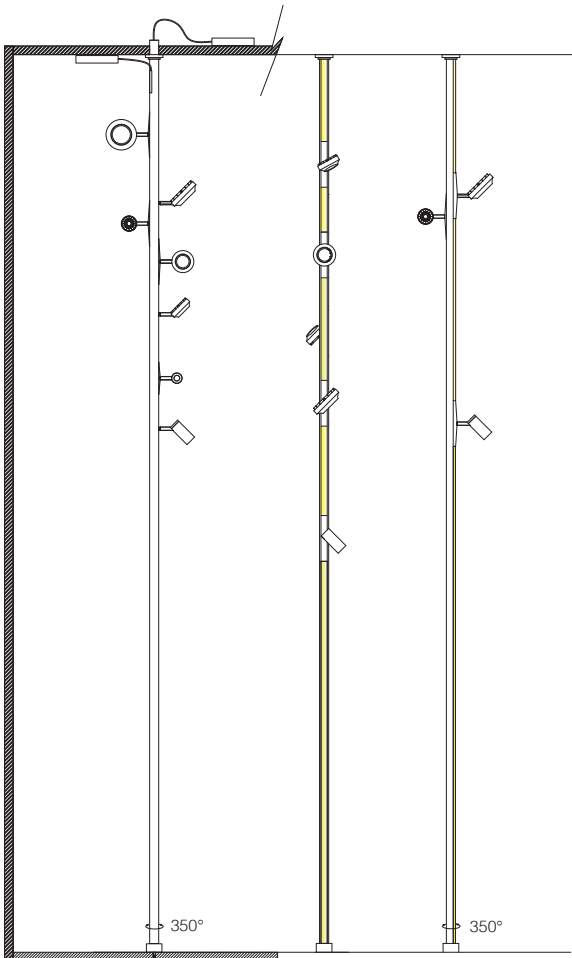


| MICRO R POLE cover           |             |
|------------------------------|-------------|
| white                        | 22961010-00 |
| black                        | 22961030-00 |
| Housing in PMMA. L= 3000 mm. |             |



| MICRO R POLE<br>retractable power supply     |             |
|----------------------------------------------|-------------|
| white                                        | 22960111-00 |
| black                                        | 22960131-00 |
| Housing in polyamide. Copper alloy contacts. |             |

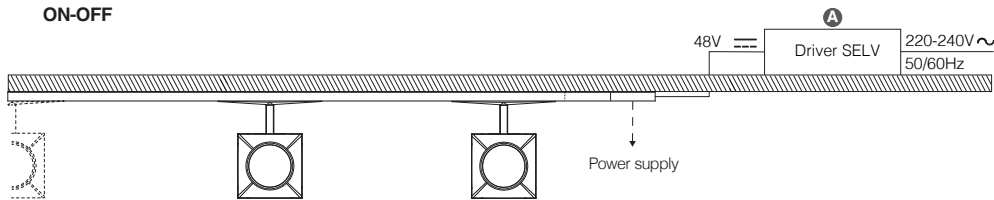
Equipped with 2x1.5 mm<sup>2</sup> power cable:  
48V DC and 2x0.35 mm<sup>2</sup> for the DALI  
version. L= 2500 mm





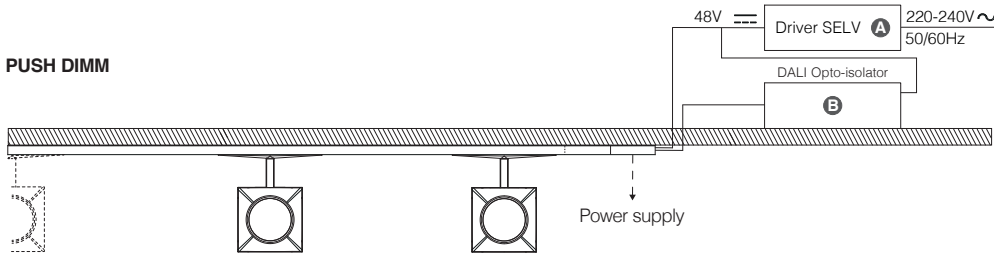


## ON-OFF



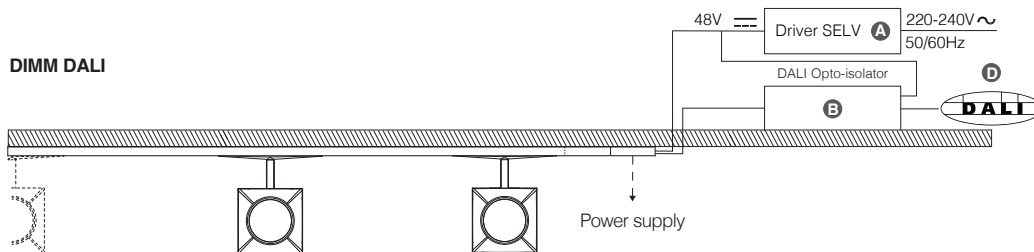
|          |                                                                                                         |
|----------|---------------------------------------------------------------------------------------------------------|
| <b>A</b> | <b>Driver SELV 48V DC - 70W</b>                                                                         |
|          | 220 <b>92019</b> -00                                                                                    |
|          | <b>Driver SELV 48V DC - 150W</b>                                                                        |
|          | 220 <b>92092</b> -00                                                                                    |
|          | Use only SELV-approved components with max. U-OUT 60 VDC. Max. distance between driver and track: 10 m. |

## PUSH DIMM



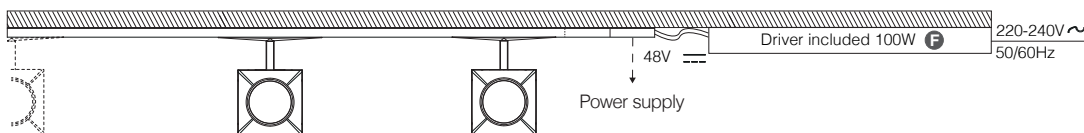
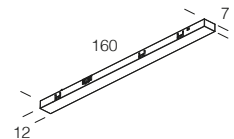
|          |                                                                                                      |
|----------|------------------------------------------------------------------------------------------------------|
| <b>B</b> | <b>DALI Opto-isolator</b>                                                                            |
|          | 220 <b>92100</b> -00                                                                                 |
|          | Use to ensure track safety. Max distance between opto-isolator and track: 10 m (max. 64 luminaires). |

## DIMM DALI

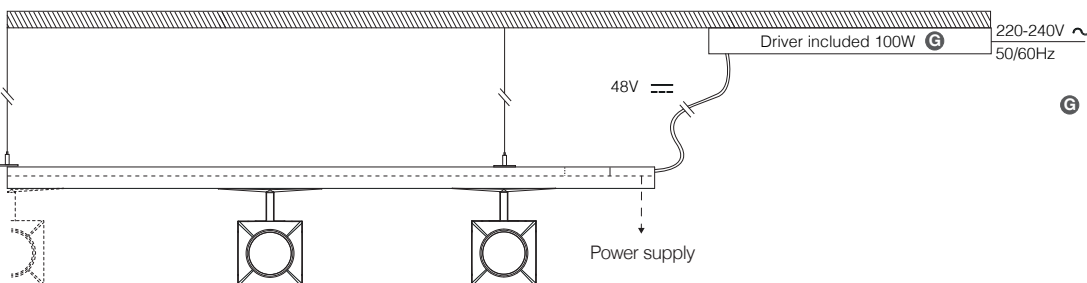
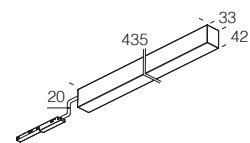


**D** Use any DALI 2 central unit.

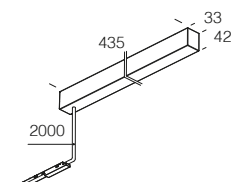
|          |                                                                                                                                                                                                                         |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>E</b> | <b>CASAMBI Wireless Adapter</b>                                                                                                                                                                                         |
| white    | 220 <b>93910</b> -00                                                                                                                                                                                                    |
| black    | 220 <b>93930</b> -00                                                                                                                                                                                                    |
|          | DALI-master controller to monitor up to 8 groups/64 DALI spotlights, designed for 48V DC low voltage power tracks. A DALI-master Bluetooth-controlled device to control DALI lamps from mobile devices and CASAMBI app. |



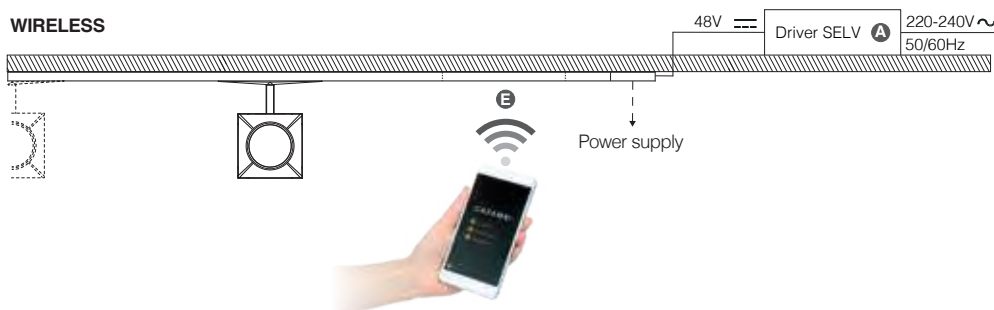
|          |                                                                                                     |
|----------|-----------------------------------------------------------------------------------------------------|
| <b>F</b> | <b>100W power supply box for track MICRO P</b>                                                      |
| white    | 22 <b>962010</b> -00                                                                                |
| black    | 22 <b>962030</b> -00                                                                                |
|          | Complete with power supplier, ceiling mounting bracket, end cap and end cap power cable (L= 20 mm). |



|          |                                                                                                                                                     |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>G</b> | <b>100W power supply box for track MICRO H/R</b>                                                                                                    |
| white    | 22 <b>962011</b> -00                                                                                                                                |
| black    | 22 <b>962031</b> -00                                                                                                                                |
|          | Equipped with 220-240V~ 50/60Hz power supply - Vout 48V DC with DALI bus feed-through to be completed with DALI Opto-isolator 220 <b>92100</b> -00. |



## WIRELESS





This version features a particular shape and a design with clean lines that can meet different architectonic lighting needs using high colour rendering LEDs. It is an all-new spotlight, which is entirely adjustable for an extraordinarily effective lighting project that adds value to any space and object.

**Housing:** in die-cast aluminium.

**Optic compartment:** front in black polycarbonate (the white colour version is available upon request).

**Lens:** in PMMA with high efficiency output and very low glare rate.

**Equipment:** supplied with universal adapter in track mounted versions.

**LED:** high-efficiency light sources (**CRI>90**).

Photobiological safety class: exempt group.

**Upon request:** version with CASAMBI automation lighting control system.  
For further information see chapter *Technical components*.

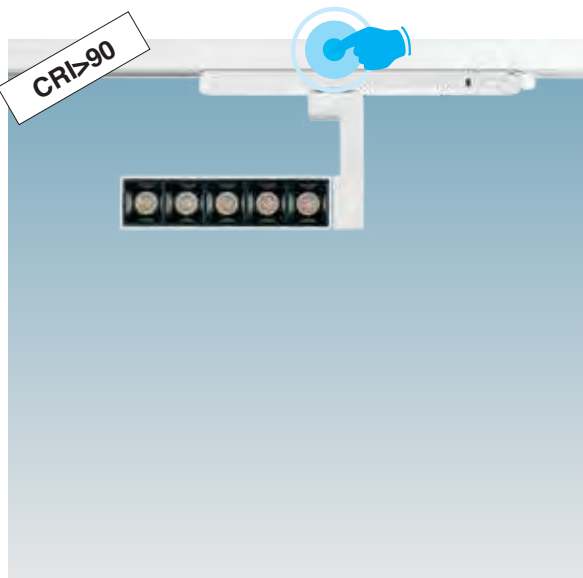
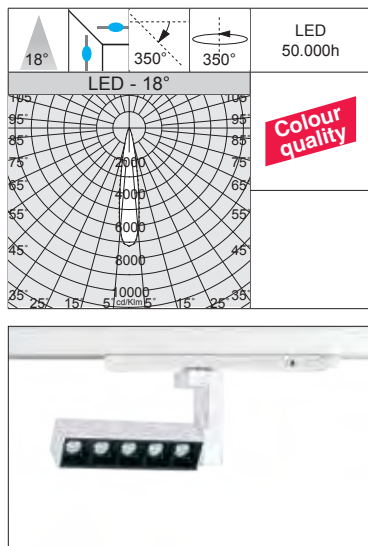




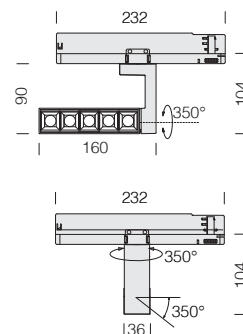
## ADAPT THE CURRENT TO ACHIEVE OPTIMAL LUMINOUS FLUX

**DIP SWITCH SETTING:** the fixture comes with a *DIP SWITCH* driver for **THE SETTING OF THE OUTPUT CURRENT**. In this way you, can **ENSURE THE BEST LUMINOUS FLUX** for any lighting design.

The possibility to choose the correct drive current for LEDs will allow you to have the right power under specific design conditions. Using a lower current will improve the efficiency of fixtures and therefore increase energy savings, whilst a higher current will result in a higher light flux so that you can reduce the number of fixtures.



IP40 IK07



**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.95.

## Matrix Q5 Dark "C" - universal adapter

|     |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |
|-----|--------|--------|-------------|--------------------------|-------|
| LED | colour | weight | code        | I out                    | W tot |
| LED | white  | 0,50   | 22103311-39 | 700                      | 12    |
|     |        |        | 22103311-00 |                          |       |

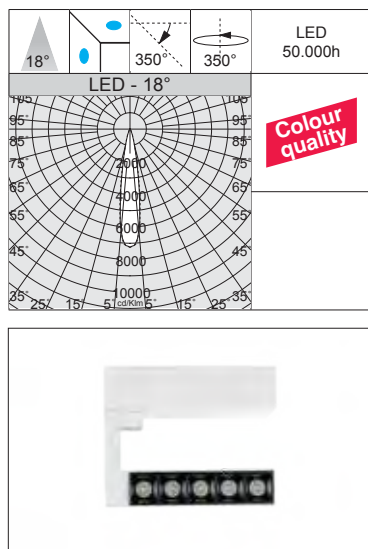
Upon request: DALI 1241 and -3941 dimmable version to be used with OMNITRACK PLUS track-mounted system.

## DIP SWITCH SETTING

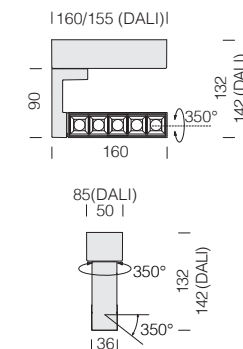
|       |       | LUMEN OUTPUT (tq= 25 °C)     |  |
|-------|-------|------------------------------|--|
| I out | W tot | K - ølm - CRI - degrees      |  |
| 600   | 10    | 3000K - 722lm - CRI>90 - 18° |  |
| 650   | 11    | 3000K - 779lm - CRI>90 - 18° |  |
| 700   | 12    | 3000K - 874lm - CRI>90 - 18° |  |

## DIP SWITCH SETTING

|       |       | LUMEN OUTPUT (tq= 25 °C)     |  |
|-------|-------|------------------------------|--|
| I out | W tot | K - ølm - CRI - degrees      |  |
| 600   | 10    | 4000K - 760lm - CRI>90 - 18° |  |
| 650   | 11    | 4000K - 820lm - CRI>90 - 18° |  |
| 700   | 12    | 4000K - 920lm - CRI>90 - 18° |  |



IP40 IK07



**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.95.

## Matrix Q5 Dark "D" - base

|     |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |
|-----|--------|--------|-------------|--------------------------|-------|
| LED | colour | weight | code        | I out                    | W tot |
| LED | white  | 0,80   | 22203310-39 | 700                      | 12    |
|     |        |        | 22203310-00 |                          |       |

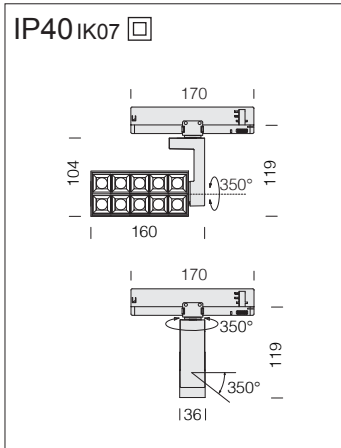
Upon request: DALI 1241 and -3941 dimmable version.

## DIP SWITCH SETTING

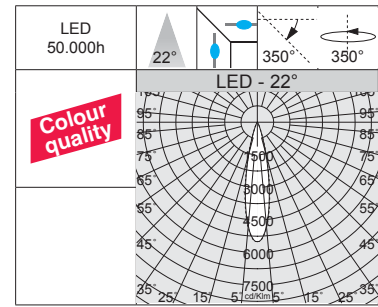
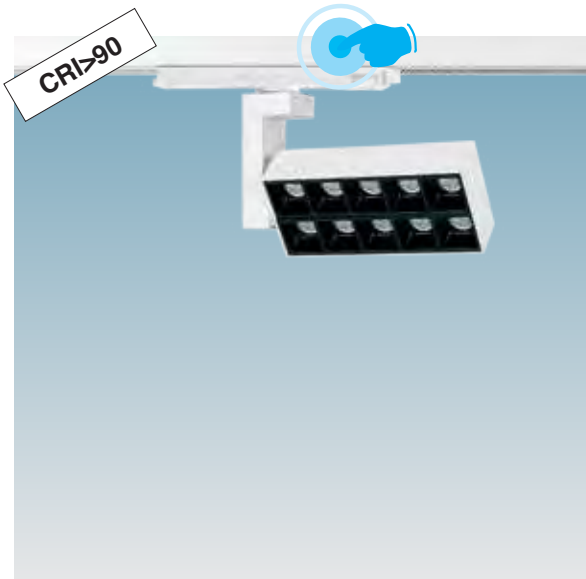
|       |       | LUMEN OUTPUT (tq= 25 °C)     |  |
|-------|-------|------------------------------|--|
| I out | W tot | K - ølm - CRI - degrees      |  |
| 600   | 10    | 3000K - 722lm - CRI>90 - 18° |  |
| 650   | 11    | 3000K - 779lm - CRI>90 - 18° |  |
| 700   | 12    | 3000K - 874lm - CRI>90 - 18° |  |

## DIP SWITCH SETTING

|       |       | LUMEN OUTPUT (tq= 25 °C)     |  |
|-------|-------|------------------------------|--|
| I out | W tot | K - ølm - CRI - degrees      |  |
| 600   | 10    | 4000K - 760lm - CRI>90 - 18° |  |
| 650   | 11    | 4000K - 820lm - CRI>90 - 18° |  |
| 700   | 12    | 4000K - 920lm - CRI>90 - 18° |  |



**LED:** luminous flux maintenance  
80%: 50.000h (L80B20).  
Power factor >0.95.

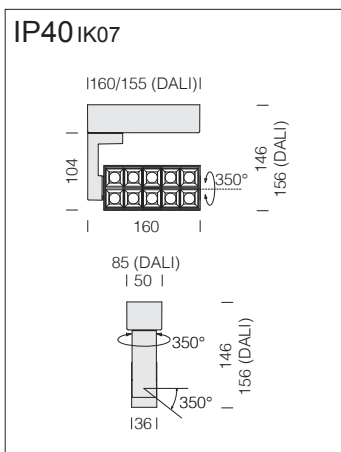


| Matrix Q10 Dark "C" - universal adapter |        |        |             |                          |       |                               |
|-----------------------------------------|--------|--------|-------------|--------------------------|-------|-------------------------------|
|                                         |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |                               |
| LED                                     | colour | weight | code        | I out                    | W tot | K - ølm - CRI - degrees       |
| LED                                     | white  | 0,60   | 22103611-39 | 600                      | 20    | 3000K - 1779lm - CRI>90 - 22° |
|                                         |        |        | 22103611-00 |                          |       | 4000K - 1873lm - CRI>90 - 22° |

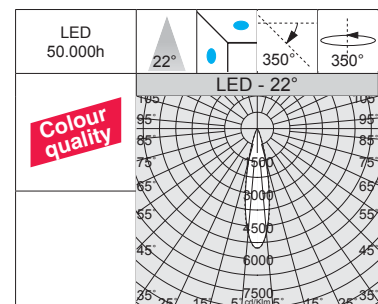
**Upon request: DALI 1241 and -3941** dimmable version to be used with **OMNITRACK PLUS** track-mounted system

| DIP SWITCH SETTING |       |                                         |
|--------------------|-------|-----------------------------------------|
|                    |       | LUMEN OUTPUT (tq= 25 °C)                |
| I out              | W tot | K - glm - CRI - degrees                 |
| 500                | 17    | 3000K - 1511lm - <b>CRI&gt;90</b> - 22° |
| 550                | 19    | 3000K - 1682lm - <b>CRI&gt;90</b> - 22° |
| 600                | 20    | 3000K - 1779lm - <b>CRI&gt;90</b> - 22° |

| DIP SWITCH SETTING       |       |                                         |
|--------------------------|-------|-----------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                         |
| I out                    | W tot | K - glm - CRI - degrees                 |
| 500                      | 17    | 4000K - 1590lm - <b>CRI&gt;90</b> - 22° |
| 550                      | 19    | 4000K - 1770lm - <b>CRI&gt;90</b> - 22° |
| 600                      | 20    | 4000K - 1873lm - <b>CRI&gt;90</b> - 22° |



**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.95.

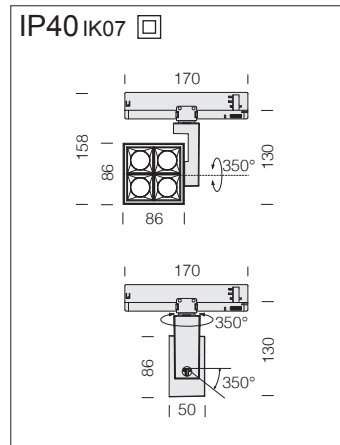
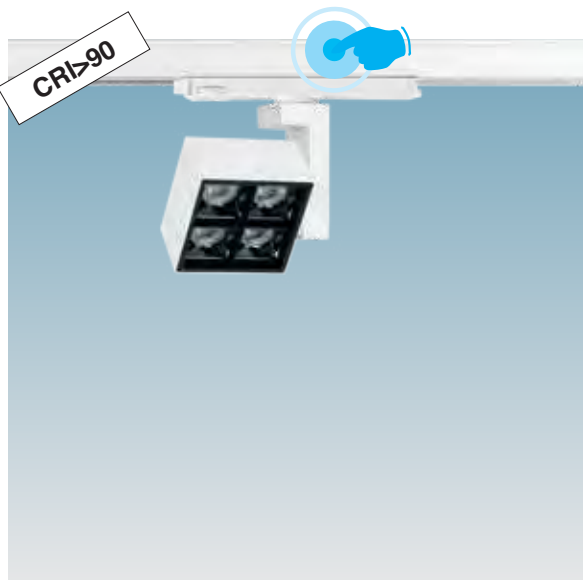
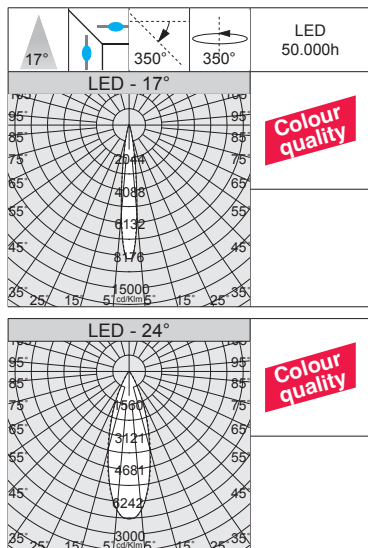


| Matrix Q10 Dark “D” - base                          |        |        |                     |                          |           |                                                                                                                              |
|-----------------------------------------------------|--------|--------|---------------------|--------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------|
|                                                     |        | CLD    |                     | LUMEN OUTPUT (tq= 25 °C) |           |                                                                                                                              |
| LED                                                 | colour | weight | code                | I out                    | W tot     | K - ølm - CRI - degrees                                                                                                      |
| LED                                                 | white  | 1,00   | 22 <b>203610-39</b> | <b>600</b>               | <b>20</b> | 3000K - 1779lm - <b>CRI&gt;90</b> - 22°  |
|                                                     |        |        | 22 <b>203610-00</b> |                          |           | 4000K - 1873lm - <b>CRI&gt;90</b> - 22°  |
| Upon request: DALI 1241 and -3941 dimmable version. |        |        |                     |                          |           |                                                                                                                              |

| DIP SWITCH SETTING       |       |                               |
|--------------------------|-------|-------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                               |
| I out                    | W tot | K - dlm - CRI - degrees       |
| 500                      | 17    | 3000K - 1511lm - CRI>90 - 22° |
| 550                      | 19    | 3000K - 1682lm - CRI>90 - 22° |
| 600                      | 20    | 3000K - 1779lm - CRI>90 - 22° |

| DIP SWITCH SETTING |       |                                         |
|--------------------|-------|-----------------------------------------|
|                    |       | LUMEN OUTPUT (tq= 25 °C)                |
| I out              | W tot | K - ølm - CRI - degrees                 |
| 500                | 17    | 4000K - 1590lm - <b>CRI&gt;90</b> - 22° |
| 550                | 19    | 4000K - 1770lm - <b>CRI&gt;90</b> - 22° |
| 600                | 20    | 4000K - 1873lm - <b>CRI&gt;90</b> - 22° |





**LED:** luminous flux maintenance 80%: 50.000h (L80B20). Power factor >0.95.

**Matrix Q4 DARK "C" - universal adapter**

| LED | colour | weight | CLD         |       | LUMEN OUTPUT (tq= 25 °C) |                               |
|-----|--------|--------|-------------|-------|--------------------------|-------------------------------|
|     |        |        | code        | I out | W tot                    | K - ølm - CRI - degrees       |
| LED | white  | 0,50   | 22103710-39 | 500   | 19                       | 3000K - 1353lm - CRI>90 - 17° |
|     |        |        | 22103710-00 |       |                          | 4000K - 1424lm - CRI>90 - 17° |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |              |
|--------------------|-------|--------------------------|--------------|
| I out              | W tot | K - ølm - CRI - degrees  |              |
| 450                | 17    | 3000K - 1244lm           | CRI>90 - 17° |
| 500                | 19    | 3000K - 1353lm           | CRI>90 - 17° |
| 550                | 21    | 3000K - 1447m            | CRI>90 - 17° |

|     |       |      |             |     |    |                               |
|-----|-------|------|-------------|-----|----|-------------------------------|
| LED | white | 0,50 | 22103711-39 | 500 | 19 | 3000K - 1528lm - CRI>90 - 24° |
|     |       |      | 22103711-00 |     |    | 4000K - 1608lm - CRI>90 - 24° |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |              |
|--------------------|-------|--------------------------|--------------|
| I out              | W tot | K - ølm - CRI - degrees  |              |
| 450                | 17    | 4000K - 1310lm           | CRI>90 - 17° |
| 500                | 19    | 4000K - 1424lm           | CRI>90 - 17° |
| 550                | 21    | 4000K - 1523lm           | CRI>90 - 17° |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |              |
|--------------------|-------|--------------------------|--------------|
| I out              | W tot | K - ølm - CRI - degrees  |              |
| 450                | 17    | 3000K - 1405lm           | CRI>90 - 24° |
| 500                | 19    | 3000K - 1528lm           | CRI>90 - 24° |
| 550                | 21    | 3000K - 1634lm           | CRI>90 - 24° |

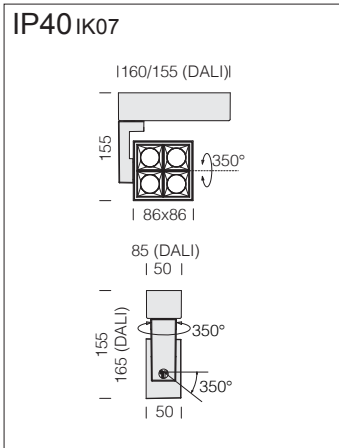
|     |       |      |             |     |    |                               |
|-----|-------|------|-------------|-----|----|-------------------------------|
| LED | white | 0,50 | 22103712-39 | 500 | 19 | 3000K - 1622lm - CRI>90 - 38° |
|     |       |      | 22103712-00 |     |    | 4000K - 1707lm - CRI>90 - 38° |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |              |
|--------------------|-------|--------------------------|--------------|
| I out              | W tot | K - ølm - CRI - degrees  |              |
| 450                | 17    | 4000K - 1479lm           | CRI>90 - 24° |
| 500                | 19    | 4000K - 1608lm           | CRI>90 - 24° |
| 550                | 21    | 4000K - 1720lm           | CRI>90 - 24° |

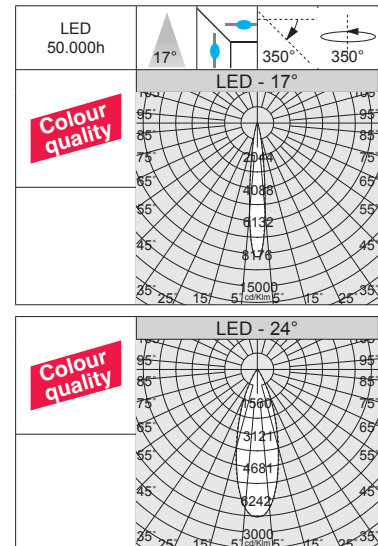
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |              |
|--------------------|-------|--------------------------|--------------|
| I out              | W tot | K - ølm - CRI - degrees  |              |
| 450                | 17    | 3000K - 1492lm           | CRI>90 - 38° |
| 500                | 19    | 3000K - 1622lm           | CRI>90 - 38° |
| 550                | 21    | 3000K - 1735lm           | CRI>90 - 38° |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |              |
|--------------------|-------|--------------------------|--------------|
| I out              | W tot | K - ølm - CRI - degrees  |              |
| 450                | 17    | 4000K - 1570lm           | CRI>90 - 38° |
| 500                | 19    | 4000K - 1707lm           | CRI>90 - 38° |
| 550                | 21    | 4000K - 1826lm           | CRI>90 - 38° |

Upon request: DALI -1241 and -3941 dimmable version to be used with OMNITRACK PLUS track-mounted system.



**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.95.



| Matrix Q4 DARK “D” - base |        |        |                     |                          |       |                                         |
|---------------------------|--------|--------|---------------------|--------------------------|-------|-----------------------------------------|
|                           |        | CLD    |                     | LUMEN OUTPUT (tq= 25 °C) |       |                                         |
| LED                       | colour | weight | code                | I out                    | W tot | K - ølm - CRI - degrees                 |
| LED                       | white  | 0,90   | 22 <b>203710-39</b> | 500                      | 19    | 3000K - 1353lm - <b>CRI&gt;90</b> - 17° |
|                           |        |        | 22 <b>203710-00</b> |                          |       | 4000K - 1424lm - <b>CRI&gt;90</b> - 17° |

| DIP SWITCH SETTING |       |                                         |
|--------------------|-------|-----------------------------------------|
|                    |       | LUMEN OUTPUT (tq= 25 °C)                |
| I out              | W tot | K - ølm - CRI - degrees                 |
| 450                | 17    | 3000K - 1244lm - <b>CRI&gt;90</b> - 17° |
| 500                | 19    | 3000K - 1353lm - <b>CRI&gt;90</b> - 17° |
| 550                | 21    | 3000K - 1447m - <b>CRI&gt;90</b> - 17°  |

| DIP SWITCH SETTING |       |                                         |
|--------------------|-------|-----------------------------------------|
|                    |       | LUMEN OUTPUT (tq= 25 °C)                |
| I out              | W tot | K - ølm - CRI - degrees                 |
| 450                | 17    | 4000K - 1310lm - <b>CRI&gt;90</b> - 17° |
| 500                | 19    | 4000K - 1424lm - <b>CRI&gt;90</b> - 17° |
| 550                | 21    | 4000K - 1523lm - <b>CRI&gt;90</b> - 17° |

|     |       |      |                     |     |    |                                                                                                                             |
|-----|-------|------|---------------------|-----|----|-----------------------------------------------------------------------------------------------------------------------------|
| LED | white | 0,90 | 22 <b>203711-39</b> | 500 | 19 | 3000K - 1528lm - <b>CRI&gt;90</b> - 24°  |
|     |       |      | 22 <b>203711-00</b> |     |    | 4000K - 1608lm - <b>CRI&gt;90</b> - 24°  |

| DIP SWITCH SETTING |       |                                         |
|--------------------|-------|-----------------------------------------|
|                    |       | LUMEN OUTPUT (tq= 25 °C)                |
| I out              | W tot | K - ølm - CRI - degrees                 |
| 450                | 17    | 3000K - 1405lm - <b>CRI&gt;90</b> - 24° |
| 500                | 19    | 3000K - 1528lm - <b>CRI&gt;90</b> - 24° |
| 550                | 21    | 3000K - 1634lm - <b>CRI&gt;90</b> - 24° |

| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
|                    |       | LUMEN OUTPUT (tq= 25 °C)      |
| I out              | W tot | K - ølm - CRI - degrees       |
| 450                | 17    | 4000K - 1479lm - CRI>90 - 24° |
| 500                | 19    | 4000K - 1620lm - CRI>90 - 24° |
| 550                | 21    | 4000K - 1720lm - CRI>90 - 24° |

|     |       |      |                     |     |    |                                         |
|-----|-------|------|---------------------|-----|----|-----------------------------------------|
| LED | white | 0,90 | 22 <b>203712-39</b> | 500 | 19 | 3000K - 1622lm - <b>CRI&gt;90</b> - 38° |
|     |       |      | 22 <b>203712-00</b> |     |    | 4000K - 1707lm - <b>CRI&gt;90</b> - 38° |

| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
|                    |       | LUMEN OUTPUT (tq= 25 °C)      |
| I out              | W tot | K - ølm - CRI - degrees       |
| 450                | 17    | 3000K - 1492lm - CRI>90 - 38° |
| 500                | 19    | 3000K - 1622lm - CRI>90 - 38° |
| 550                | 21    | 3000K - 1735lm - CRI>90 - 38° |

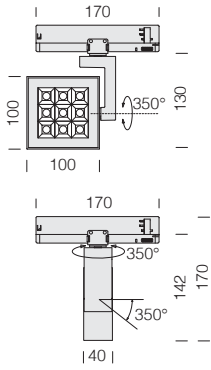
| DIP SWITCH SETTING |       |                                         |
|--------------------|-------|-----------------------------------------|
|                    |       | LUMEN OUTPUT (tq= 25 °C)                |
| I out              | W tot | K - $\phi$ m - CRI - degrees            |
| 450                | 17    | 4000K - 1570lm - <b>CRI&gt;90</b> - 38° |
| 500                | 19    | 4000K - 1727lm - <b>CRI&gt;90</b> - 38° |
| 550                | 21    | 4000K - 1826lm - <b>CRI&gt;90</b> - 38° |

**Upon request: 1/10V, DALI 1241 and -3941 dimmable version.**





IP40 IK07



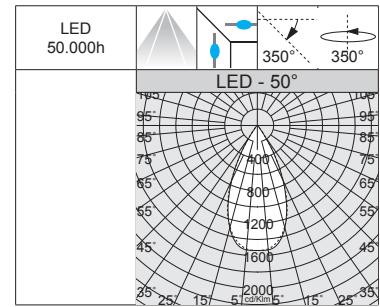
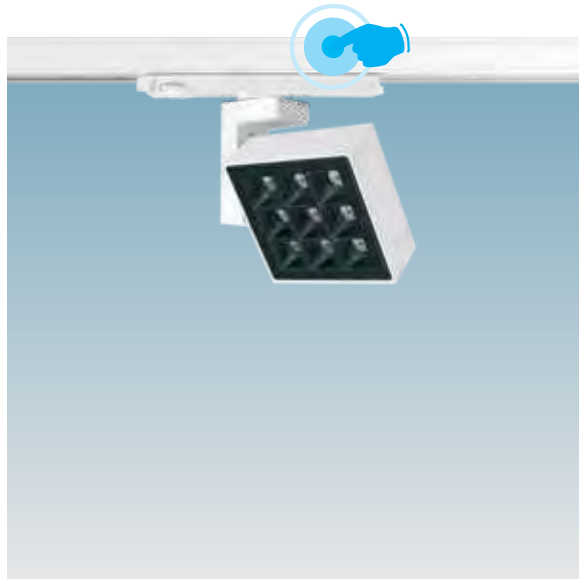
**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.95.

**Matrix Q9 DARK "A" - DIP SWITCH - universal adapter**

| LED | colour | weight | CLD         | I out | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|-----|--------|--------|-------------|-------|-------|-------------------------------|
|     |        |        | code        |       |       | K - ølm - CRI - degrees       |
| LED | white  | 0,70   | 22103010-00 | 1050  | 28    | 3000K - 2109lm - CRI>80 - 32° |
|     | black  |        | 22103030-00 |       |       |                               |
| LED | white  | 0,70   | 22103011-00 | 1050  | 28    | 4000K - 2220lm - CRI>80 - 32° |
|     | black  |        | 22103031-00 |       |       |                               |

|     |       |      |             |      |    |                               |
|-----|-------|------|-------------|------|----|-------------------------------|
| LED | white | 0,70 | 22103014-00 | 1050 | 28 | 3000K - 2183lm - CRI>80 - 50° |
|     | black |      | 22103034-00 |      |    |                               |
| LED | white | 0,70 | 22103015-00 | 1050 | 28 | 4000K - 2298lm - CRI>80 - 50° |
|     | black |      | 22103035-00 |      |    |                               |

**Upon request:** DALI -1241 dimmable version to be used with OMNITRACK PLUS track-mounted system.



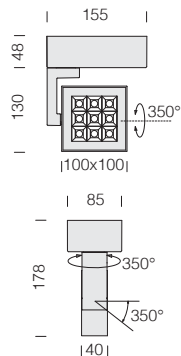
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |        | K - ølm - CRI - degrees |       |
|--------------------|-------|--------------------------|--------|-------------------------|-------|
| I out              | W tot | I out                    | W tot  | I out                   | W tot |
| 900                | 25    | 3000K                    | 1885lm | CRI>80                  | 32°   |
| 950                | 26    | 3000K                    | 1964lm | CRI>80                  | 32°   |
| 1000               | 27    | 3000K                    | 2043lm | CRI>80                  | 32°   |
| 1050               | 28    | 3000K                    | 2109lm | CRI>80                  | 32°   |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |        | K - ølm - CRI - degrees |       |
|--------------------|-------|--------------------------|--------|-------------------------|-------|
| I out              | W tot | I out                    | W tot  | I out                   | W tot |
| 900                | 25    | 4000K                    | 1984lm | CRI>80                  | 32°   |
| 950                | 26    | 4000K                    | 2067lm | CRI>80                  | 32°   |
| 1000               | 27    | 4000K                    | 2150lm | CRI>80                  | 32°   |
| 1050               | 28    | 4000K                    | 2220lm | CRI>80                  | 32°   |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |        | K - ølm - CRI - degrees |       |
|--------------------|-------|--------------------------|--------|-------------------------|-------|
| I out              | W tot | I out                    | W tot  | I out                   | W tot |
| 900                | 25    | 3000K                    | 1951lm | CRI>80                  | 50°   |
| 950                | 26    | 3000K                    | 2032lm | CRI>80                  | 50°   |
| 1000               | 27    | 3000K                    | 2114lm | CRI>80                  | 50°   |
| 1050               | 28    | 3000K                    | 2183lm | CRI>80                  | 50°   |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |        | K - ølm - CRI - degrees |       |
|--------------------|-------|--------------------------|--------|-------------------------|-------|
| I out              | W tot | I out                    | W tot  | I out                   | W tot |
| 900                | 25    | 4000K                    | 2054lm | CRI>80                  | 50°   |
| 950                | 26    | 4000K                    | 2140lm | CRI>80                  | 50°   |
| 1000               | 27    | 4000K                    | 2226lm | CRI>80                  | 50°   |
| 1050               | 28    | 4000K                    | 2298lm | CRI>80                  | 50°   |

IP40 IK07



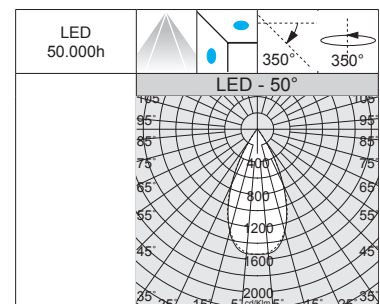
**LED:** luminous flux maintenance 80%: 50.000h (L80B20).  
Power factor >0.95.

**Matrix Q9 DARK "D" - base**

| LED | colour | weight | CLD         | I out | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|-----|--------|--------|-------------|-------|-------|-------------------------------|
|     |        |        | code        |       |       | K - ølm - CRI - degrees       |
| LED | white  | 1,10   | 22203010-00 | 1050  | 28    | 3000K - 2109lm - CRI>80 - 32° |
|     | black  |        | 22203030-00 |       |       |                               |
| LED | white  | 1,10   | 22203011-00 | 1050  | 28    | 4000K - 2220lm - CRI>80 - 32° |
|     | black  |        | 22203031-00 |       |       |                               |

|     |       |      |             |      |    |                               |
|-----|-------|------|-------------|------|----|-------------------------------|
| LED | white | 1,10 | 22203014-00 | 1050 | 28 | 3000K - 2183lm - CRI>80 - 50° |
|     | black |      | 22203034-00 |      |    |                               |
| LED | white | 1,10 | 22203015-00 | 1050 | 28 | 4000K - 2298lm - CRI>80 - 50° |
|     | black |      | 22203035-00 |      |    |                               |

**Upon request:** 1-10V and DALI -1241 dimmable version.



| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |        | K - ølm - CRI - degrees |       |
|--------------------|-------|--------------------------|--------|-------------------------|-------|
| I out              | W tot | I out                    | W tot  | I out                   | W tot |
| 900                | 25    | 3000K                    | 1885lm | CRI>80                  | 32°   |
| 950                | 26    | 3000K                    | 1964lm | CRI>80                  | 32°   |
| 1000               | 27    | 3000K                    | 2043lm | CRI>80                  | 32°   |
| 1050               | 28    | 3000K                    | 2109lm | CRI>80                  | 32°   |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |        | K - ølm - CRI - degrees |       |
|--------------------|-------|--------------------------|--------|-------------------------|-------|
| I out              | W tot | I out                    | W tot  | I out                   | W tot |
| 900                | 25    | 4000K                    | 1984lm | CRI>80                  | 32°   |
| 950                | 26    | 4000K                    | 2067lm | CRI>80                  | 32°   |
| 1000               | 27    | 4000K                    | 2150lm | CRI>80                  | 32°   |
| 1050               | 28    | 4000K                    | 2220lm | CRI>80                  | 32°   |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |        | K - ølm - CRI - degrees |       |
|--------------------|-------|--------------------------|--------|-------------------------|-------|
| I out              | W tot | I out                    | W tot  | I out                   | W tot |
| 900                | 25    | 3000K                    | 1951lm | CRI>80                  | 50°   |
| 950                | 26    | 3000K                    | 2032lm | CRI>80                  | 50°   |
| 1000               | 27    | 3000K                    | 2114lm | CRI>80                  | 50°   |
| 1050               | 28    | 3000K                    | 2183lm | CRI>80                  | 50°   |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |        | K - ølm - CRI - degrees |       |
|--------------------|-------|--------------------------|--------|-------------------------|-------|
| I out              | W tot | I out                    | W tot  | I out                   | W tot |
| 900                | 25    | 4000K                    | 2054lm | CRI>80                  | 50°   |
| 950                | 26    | 4000K                    | 2140lm | CRI>80                  | 50°   |
| 1000               | 27    | 4000K                    | 2226lm | CRI>80                  | 50°   |
| 1050               | 28    | 4000K                    | 2298lm | CRI>80                  | 50°   |





**Housing:** in die-cast aluminium. Optic compartment die-cast aluminum with anodized heatsink.

**Version with lens:** in PMMA with high efficiency output and very low glare rate.

**Version with reflector:** in high efficiency and anti-glare die-cast aluminium.

**Equipment:** supplied with universal adapter in track mounted versions. Complete with electronic power supply unit separated from the LEDs.

**LED:** high-efficiency light sources (CRI 92).

Photobiological safety class: exempt group.

**Upon request:** version with CASAMBI automation lighting control system.

For further information see chapter *Technical components*.



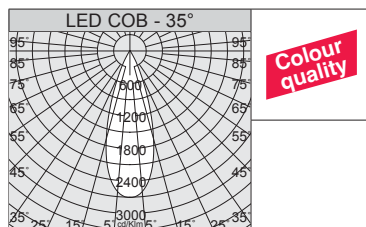
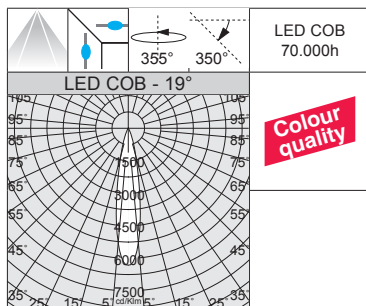


## ADAPT THE CURRENT TO ACHIEVE OPTIMAL LUMINOUS FLUX

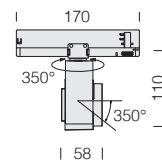
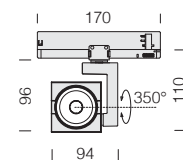
**DIP SWITCH SETTING:** the fixture comes with a *DIP SWITCH* driver for **THE SETTING OF THE OUTPUT CURRENT**. In this way you, can **ENSURE THE BEST LUMINOUS FLUX** for any lighting design.

The possibility to choose the correct drive current for LEDs will allow you to have the right power under specific design conditions. Using a lower current will improve the efficiency of fixtures and therefore increase energy savings, whilst a higher current will result in a higher light flux so that you can reduce the number of fixtures.





IP40 IK07



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.

### Focus 5.0 L - DIP SWITCH - universal adapter

| LED | colour | weight | CLD         |       | LUMEN OUTPUT (tq= 25 °C) |                                      |
|-----|--------|--------|-------------|-------|--------------------------|--------------------------------------|
|     |        |        | code        | I out | W tot                    | K - ølm - CRI - degrees              |
| COB | white  | 0,50   | 22108510-00 | 350   | 14                       | 3000K - 1368lm - <b>CRI 92</b> - 19° |
|     | black  |        | 22108530-00 |       |                          |                                      |
| COB | white  | 0,50   | 22108510-68 | 350   | 14                       | 4000K - 1471lm - <b>CRI 92</b> - 19° |
|     | black  |        | 22108530-68 |       |                          |                                      |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)             |  |
|--------------------|-------|--------------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees              |  |
| 250                | 10    | 3000K - 1015lm - <b>CRI 92</b> - 19° |  |
| 300                | 12    | 3000K - 1195lm - <b>CRI 92</b> - 19° |  |
| 350                | 14    | 3000K - 1368lm - <b>CRI 92</b> - 19° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)             |  |
|--------------------|-------|--------------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees              |  |
| 250                | 10    | 4000K - 1091lm - <b>CRI 92</b> - 19° |  |
| 300                | 12    | 4000K - 1285lm - <b>CRI 92</b> - 19° |  |
| 350                | 14    | 4000K - 1471lm - <b>CRI 92</b> - 19° |  |

|     |       |      |             |     |    |                                      |
|-----|-------|------|-------------|-----|----|--------------------------------------|
| COB | white | 0,50 | 22108512-00 | 350 | 14 | 3000K - 1327lm - <b>CRI 92</b> - 35° |
|     | black |      | 22108532-00 |     |    |                                      |
| COB | white | 0,50 | 22108512-68 | 350 | 14 | 4000K - 1427lm - <b>CRI 92</b> - 35° |
|     | black |      | 22108532-68 |     |    |                                      |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)             |  |
|--------------------|-------|--------------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees              |  |
| 250                | 10    | 3000K - 984lm - <b>CRI 92</b> - 35°  |  |
| 300                | 12    | 3000K - 1160lm - <b>CRI 92</b> - 35° |  |
| 350                | 14    | 3000K - 1327lm - <b>CRI 92</b> - 35° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)             |  |
|--------------------|-------|--------------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees              |  |
| 250                | 10    | 4000K - 1058lm - <b>CRI 92</b> - 35° |  |
| 300                | 12    | 4000K - 1247lm - <b>CRI 92</b> - 35° |  |
| 350                | 14    | 4000K - 1427lm - <b>CRI 92</b> - 35° |  |

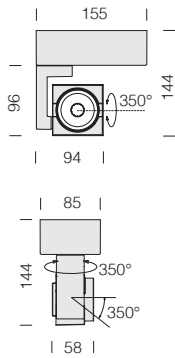
|     |       |      |             |     |    |                                      |
|-----|-------|------|-------------|-----|----|--------------------------------------|
| COB | white | 0,50 | 22108513-00 | 350 | 14 | 3000K - 1218lm - <b>CRI 92</b> - 57° |
|     | black |      | 22108533-00 |     |    |                                      |
| COB | white | 0,50 | 22108513-68 | 350 | 14 | 4000K - 1310lm - <b>CRI 92</b> - 57° |
|     | black |      | 22108533-68 |     |    |                                      |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)             |  |
|--------------------|-------|--------------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees              |  |
| 250                | 10    | 3000K - 903lm - <b>CRI 92</b> - 57°  |  |
| 300                | 12    | 3000K - 1064lm - <b>CRI 92</b> - 57° |  |
| 350                | 14    | 3000K - 1218lm - <b>CRI 92</b> - 57° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)             |  |
|--------------------|-------|--------------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees              |  |
| 250                | 10    | 4000K - 971lm - <b>CRI 92</b> - 57°  |  |
| 300                | 12    | 4000K - 1144lm - <b>CRI 92</b> - 57° |  |
| 350                | 14    | 4000K - 1310lm - <b>CRI 92</b> - 57° |  |

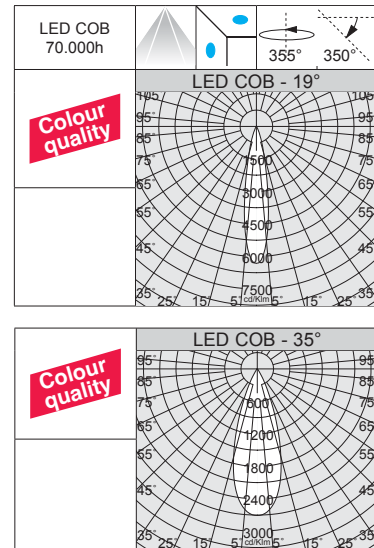
Upon request: DALI -1241 and -6841 dimmable version to be used with OMNITRACK PLUS track-mounted system.

IP40 IK07



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.

CRI 92



## Focus 5.0 L - DIP SWITCH - base

| LED | colour | weight | CLD         |  | I out | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|-----|--------|--------|-------------|--|-------|-------|-------------------------------|
|     |        |        | code        |  |       |       | K - ølm - CRI - degrees       |
| COB | white  | 0,60   | 22208510-00 |  | 350   | 14    | 3000K - 1368lm - CRI 92 - 19° |
|     | black  |        | 22208530-00 |  |       |       |                               |
| COB | white  | 0,60   | 22208510-68 |  | 350   | 14    | 4000K - 1471lm - CRI 92 - 19° |
|     | black  |        | 22208530-68 |  |       |       |                               |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

|     |       |      |             |     |    |                               |
|-----|-------|------|-------------|-----|----|-------------------------------|
| COB | white | 0,60 | 22208512-00 | 350 | 14 | 3000K - 1327lm - CRI 92 - 35° |
|     | black |      | 22208532-00 |     |    |                               |
| COB | white | 0,60 | 22208512-68 | 350 | 14 | 4000K - 1427lm - CRI 92 - 35° |
|     | black |      | 22208532-68 |     |    |                               |

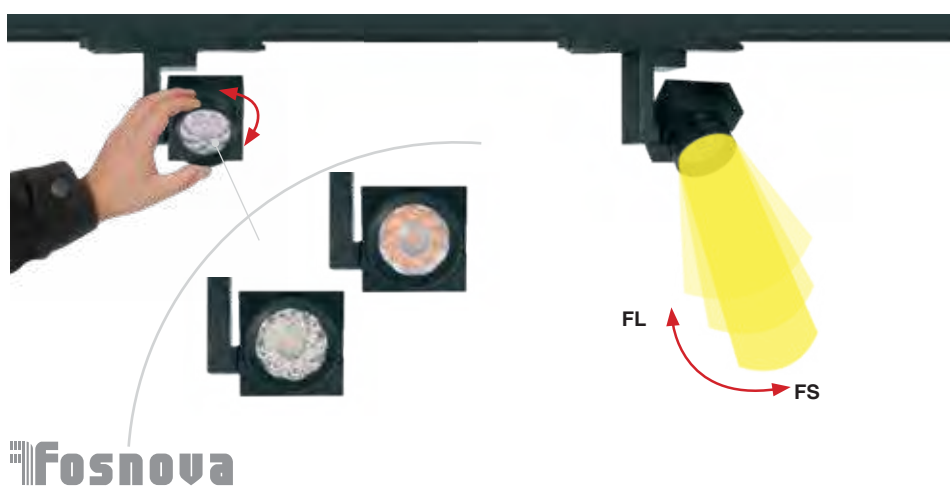
| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

|     |       |      |             |     |    |                               |
|-----|-------|------|-------------|-----|----|-------------------------------|
| COB | white | 0,60 | 22208513-00 | 350 | 14 | 3000K - 1218lm - CRI 92 - 57° |
|     | black |      | 22208533-00 |     |    |                               |
| COB | white | 0,60 | 22208513-68 | 350 | 14 | 4000K - 1310lm - CRI 92 - 57° |
|     | black |      | 22208533-68 |     |    |                               |

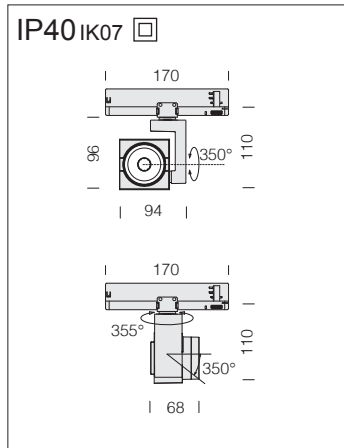
| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 250                      | 10    |
| 300                      | 12    |
| 350                      | 14    |

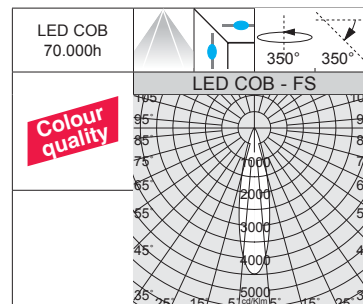
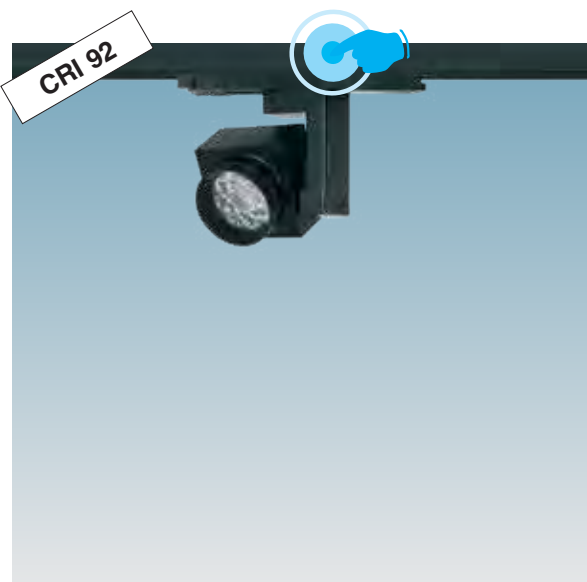


The optics in **FOCUS 5.0 ZOOM** deliver accent lighting in places that require high-quality light and differentiated light beams. The primary purpose is to draw attention to the features or details of the displayed items, or to add depth, soften and enhance the overall appearance of a room. With FOCUS 5.0 ZOOM you can select the light beam angle with the adjustment mechanism on the optical compartment. By turning the dedicated ring, you can easily adjust the beam angle onto the illuminated item. In a single spotlight you have an optical system capable of varying the beam angle. The transition from a narrow SPOT beam (approx. 15°) to a WIDE beam (approx. 45°) is smooth and gradual, offering maximum visual comfort.





**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.



| Focus 5.0 ZOOM - DIP SWITCH - universal adapter |        |        |             |       |       |                                                                |
|-------------------------------------------------|--------|--------|-------------|-------|-------|----------------------------------------------------------------|
| LED                                             | colour | weight | CLD code    | I out | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees            |
| COB                                             | white  | 0,50   | 22108410-00 | 350   | 14    | 3000K - 1131lm - CRI 92 - FS°<br>3000K - 1084lm - CRI 92 - FL° |
|                                                 | black  |        | 22108430-00 | 350   | 14    | 3000K - 1131lm - CRI 92 - FS°<br>3000K - 1084lm - CRI 92 - FL° |
| COB                                             | white  | 0,50   | 22108410-68 | 350   | 14    | 4000K - 1216lm - CRI 92 - FS°<br>4000K - 1165lm - CRI 92 - FL° |
|                                                 | black  |        | 22108430-68 | 350   | 14    | 4000K - 1216lm - CRI 92 - FS°<br>4000K - 1165lm - CRI 92 - FL° |

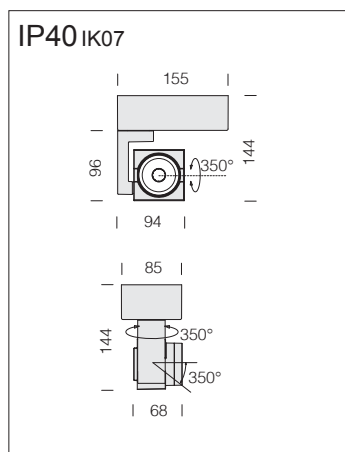
Upon request: DALI -1241 and -6841 dimmable version to be used with OMNITRACK PLUS track-mounted system.

| DIP SWITCH SETTING |       |                                                     |  |  |  |  |
|--------------------|-------|-----------------------------------------------------|--|--|--|--|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |  |  |  |  |
| 250                | 10    | 3000K - 839lm - CRI 92 - FS                         |  |  |  |  |
| 300                | 12    | 3000K - 988lm - CRI 92 - FS                         |  |  |  |  |
| 350                | 14    | 3000K - 1131lm - CRI 92 - FS                        |  |  |  |  |

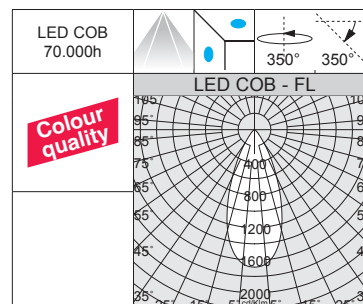
| DIP SWITCH SETTING |       |                                                     |  |  |  |  |
|--------------------|-------|-----------------------------------------------------|--|--|--|--|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |  |  |  |  |
| 250                | 10    | 3000K - 804lm - CRI 92 - FL                         |  |  |  |  |
| 300                | 12    | 3000K - 947lm - CRI 92 - FL                         |  |  |  |  |
| 350                | 14    | 3000K - 1084lm - CRI 92 - FL                        |  |  |  |  |

| DIP SWITCH SETTING |       |                                                     |  |  |  |  |
|--------------------|-------|-----------------------------------------------------|--|--|--|--|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |  |  |  |  |
| 250                | 10    | 4000K - 902lm - CRI 92 - FS                         |  |  |  |  |
| 300                | 12    | 4000K - 1062lm - CRI 92 - FS                        |  |  |  |  |
| 350                | 14    | 4000K - 1216lm - CRI 92 - FS                        |  |  |  |  |

| DIP SWITCH SETTING |       |                                                     |  |  |  |  |
|--------------------|-------|-----------------------------------------------------|--|--|--|--|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |  |  |  |  |
| 250                | 10    | 4000K - 864lm - CRI 92 - FL                         |  |  |  |  |
| 300                | 12    | 4000K - 1018lm - CRI 92 - FL                        |  |  |  |  |
| 350                | 14    | 4000K - 1165lm - CRI 92 - FL                        |  |  |  |  |



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.



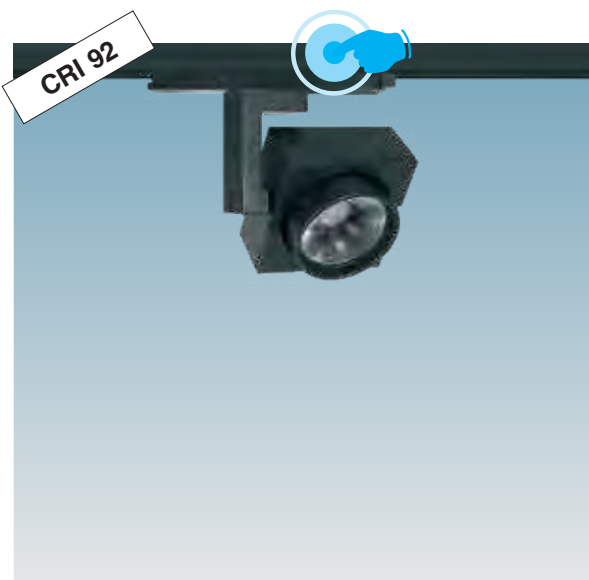
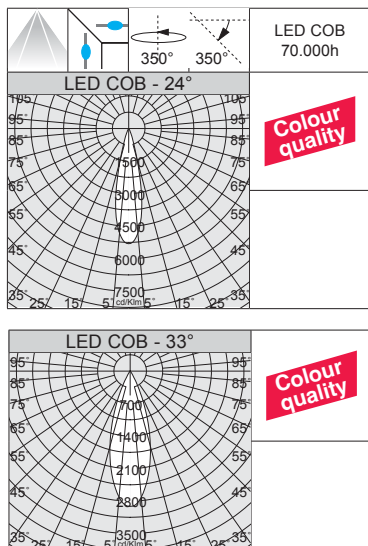
| Focus 5.0 ZOOM - DIP SWITCH - base |        |        |             |       |       |                                                                |
|------------------------------------|--------|--------|-------------|-------|-------|----------------------------------------------------------------|
| LED                                | colour | weight | CLD code    | I out | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees            |
| COB                                | white  | 0,60   | 22208410-00 | 350   | 14    | 3000K - 1131lm - CRI 92 - FS°<br>3000K - 1084lm - CRI 92 - FL° |
|                                    | black  |        | 22208430-00 | 350   | 14    | 3000K - 1131lm - CRI 92 - FS°<br>3000K - 1084lm - CRI 92 - FL° |
| COB                                | white  | 0,60   | 22208410-68 | 350   | 14    | 4000K - 1216lm - CRI 92 - FS°<br>4000K - 1165lm - CRI 92 - FL° |
|                                    | black  |        | 22208430-68 | 350   | 14    | 4000K - 1216lm - CRI 92 - FS°<br>4000K - 1165lm - CRI 92 - FL° |

| DIP SWITCH SETTING |       |                                                     |  |  |  |  |
|--------------------|-------|-----------------------------------------------------|--|--|--|--|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |  |  |  |  |
| 250                | 10    | 3000K - 839lm - CRI 92 - FS                         |  |  |  |  |
| 300                | 12    | 3000K - 988lm - CRI 92 - FS                         |  |  |  |  |
| 350                | 14    | 3000K - 1131lm - CRI 92 - FS                        |  |  |  |  |

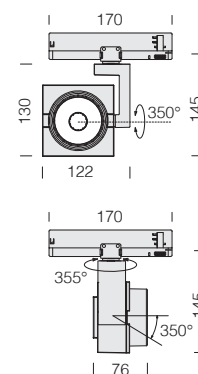
| DIP SWITCH SETTING |       |                                                     |  |  |  |  |
|--------------------|-------|-----------------------------------------------------|--|--|--|--|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |  |  |  |  |
| 250                | 10    | 3000K - 804lm - CRI 92 - FL                         |  |  |  |  |
| 300                | 12    | 3000K - 947lm - CRI 92 - FL                         |  |  |  |  |
| 350                | 14    | 3000K - 1084lm - CRI 92 - FL                        |  |  |  |  |

| DIP SWITCH SETTING |       |                                                     |  |  |  |  |
|--------------------|-------|-----------------------------------------------------|--|--|--|--|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |  |  |  |  |
| 250                | 10    | 4000K - 902lm - CRI 92 - FS                         |  |  |  |  |
| 300                | 12    | 4000K - 1062lm - CRI 92 - FS                        |  |  |  |  |
| 350                | 14    | 4000K - 1216lm - CRI 92 - FS                        |  |  |  |  |

| DIP SWITCH SETTING |       |                                                     |  |  |  |  |
|--------------------|-------|-----------------------------------------------------|--|--|--|--|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |  |  |  |  |
| 250                | 10    | 4000K - 864lm - CRI 92 - FL                         |  |  |  |  |
| 300                | 12    | 4000K - 1018lm - CRI 92 - FL                        |  |  |  |  |
| 350                | 14    | 4000K - 1165lm - CRI 92 - FL                        |  |  |  |  |



IP40 IK07



**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.

### Focus 7.0 L - DIP SWITCH - universal adapter

| LED | colour | weight | CLD         |       | LUMEN OUTPUT (tq= 25 °C) |                                      |
|-----|--------|--------|-------------|-------|--------------------------|--------------------------------------|
|     |        |        | code        | I out | W tot                    | K - ølm - CRI - degrees              |
| COB | white  | 0,80   | 22108310-00 | 700   | 25                       | 3000K - 2513lm - <b>CRI 92</b> - 24° |
|     | black  |        | 22108330-00 |       |                          |                                      |
| COB | white  | 0,80   | 22108310-68 | 700   | 25                       | 4000K - 2702lm - <b>CRI 92</b> - 24° |
|     | black  |        | 22108330-68 |       |                          |                                      |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)             |  |
|--------------------|-------|--------------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees              |  |
| 700                | 25    | 3000K - 2513lm - <b>CRI 92</b> - 24° |  |
| 750                | 27    | 3000K - 2692lm - <b>CRI 92</b> - 24° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)             |  |
|--------------------|-------|--------------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees              |  |
| 700                | 25    | 4000K - 2702lm - <b>CRI 92</b> - 24° |  |
| 750                | 27    | 4000K - 2895lm - <b>CRI 92</b> - 24° |  |

|     |       |      |             |     |    |                                      |
|-----|-------|------|-------------|-----|----|--------------------------------------|
| COB | white | 0,80 | 22108312-00 | 700 | 25 | 3000K - 2376lm - <b>CRI 92</b> - 33° |
|     | black |      | 22108332-00 |     |    |                                      |
| COB | white | 0,80 | 22108312-68 | 700 | 25 | 4000K - 2555lm - <b>CRI 92</b> - 33° |
|     | black |      | 22108332-68 |     |    |                                      |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)             |  |
|--------------------|-------|--------------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees              |  |
| 700                | 25    | 3000K - 2376lm - <b>CRI 92</b> - 33° |  |
| 750                | 27    | 3000K - 2546lm - <b>CRI 92</b> - 33° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)             |  |
|--------------------|-------|--------------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees              |  |
| 700                | 25    | 4000K - 2555lm - <b>CRI 92</b> - 33° |  |
| 750                | 27    | 4000K - 2738lm - <b>CRI 92</b> - 33° |  |

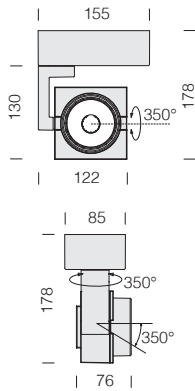
|     |       |      |             |     |    |                                      |
|-----|-------|------|-------------|-----|----|--------------------------------------|
| COB | white | 0,80 | 22108313-00 | 700 | 25 | 3000K - 2167lm - <b>CRI 92</b> - 53° |
|     | black |      | 22108333-00 |     |    |                                      |
| COB | white | 0,80 | 22108313-68 | 700 | 25 | 4000K - 2330lm - <b>CRI 92</b> - 53° |
|     | black |      | 22108333-68 |     |    |                                      |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)             |  |
|--------------------|-------|--------------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees              |  |
| 700                | 25    | 3000K - 2167lm - <b>CRI 92</b> - 53° |  |
| 750                | 27    | 3000K - 2322lm - <b>CRI 92</b> - 53° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)             |  |
|--------------------|-------|--------------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees              |  |
| 700                | 25    | 4000K - 2330lm - <b>CRI 92</b> - 53° |  |
| 750                | 27    | 4000K - 2497lm - <b>CRI 92</b> - 53° |  |

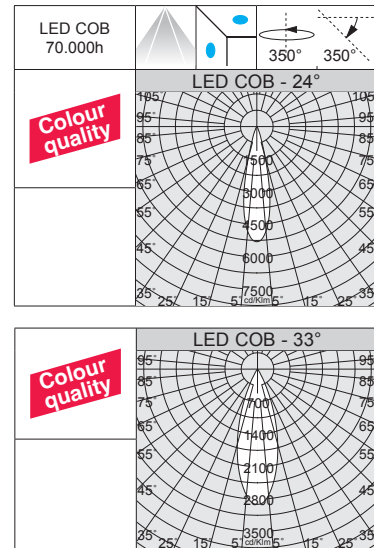
Upon request: DALI -1241 and -6841 dimmable version to be used with OMNITRACK PLUS track-mounted system.

IP40 IK07



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.

CRI 92



## Focus 7.0 L - DIP SWITCH - base

| LED | colour | weight | CLD         |       | LUMEN OUTPUT (tq= 25 °C) |                               |
|-----|--------|--------|-------------|-------|--------------------------|-------------------------------|
|     |        |        | code        | I out | W tot                    | K - ølm - CRI - degrees       |
| COB | white  | 1,10   | 22208310-00 | 700   | 25                       | 3000K - 2513lm - CRI 92 - 24° |
|     | black  |        | 22208330-00 |       |                          |                               |
| COB | white  | 1,10   | 22208310-68 | 700   | 25                       | 4000K - 2702lm - CRI 92 - 24° |
|     | black  |        | 22208330-68 |       |                          |                               |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 700                      | 25    |
| 750                      | 27    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 700                      | 25    |
| 750                      | 27    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 700                      | 25    |
| 750                      | 27    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 700                      | 25    |
| 750                      | 27    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 700                      | 25    |
| 750                      | 27    |

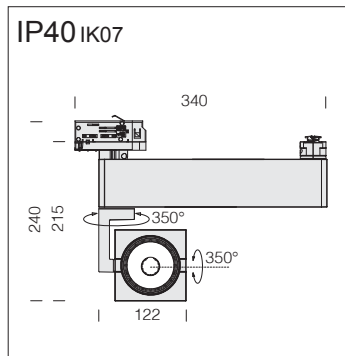
| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 700                      | 25    |
| 750                      | 27    |

|     |       |      |             |     |    |                               |
|-----|-------|------|-------------|-----|----|-------------------------------|
| COB | white | 1,10 | 22208312-00 | 700 | 25 | 3000K - 2376lm - CRI 92 - 33° |
|     | black |      | 22208332-00 |     |    |                               |
| COB | white | 1,10 | 22208312-68 | 700 | 25 | 4000K - 2555lm - CRI 92 - 33° |
|     | black |      | 22208332-68 |     |    |                               |

|     |       |      |             |     |    |                               |
|-----|-------|------|-------------|-----|----|-------------------------------|
| COB | white | 1,10 | 22208313-00 | 700 | 25 | 3000K - 2167lm - CRI 92 - 53° |
|     | black |      | 22208333-00 |     |    |                               |
| COB | white | 1,10 | 22208313-68 | 700 | 25 | 4000K - 2330lm - CRI 92 - 53° |
|     | black |      | 22208333-68 |     |    |                               |







**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.



The professional lighting sector, including architectural, design, commercial and industrial lighting, benefits from the latest smart light control systems, where light can be dimmed and adjusted in its direction, size, and colour, allowing unique settings, even remotely and via a smartphone. The result is a considerable reduction in costs and energy consumption.

Equipped with the Dynamic Beam Shaping™ technology, Focus LENS VECTOR can manage and control lighting digitally thanks to the innovative liquid crystal technology applied to the LED lens, which can shape the light beam.

**Focus with LENS VECTOR technology** allows you to adjust the light beam. Thanks to the possibility to control the liquid crystals digitally, you no longer need to change the lenses or the reflectors to create unique lighting scenes.

The spotlights of this series are equipped with a variable optical system, which means that it can change the beam angle through a digital input, without the need for a mechanical system. The optical system will dynamically adjust the opening angle of the light cone. The transition from a NARROW spot-light beam (approx. 10°) to a WIDE beam (approx. 50°) is smooth and gradual, offering high visual comfort.

#### Focus LENS VECTOR exploits the nature of liquid crystals:

liquid crystal molecules are elongated and naturally aligned in the same direction. The lens is made up of two glass substrates separated by spacers and sealed to contain the liquid crystal material, basically forming a liquid crystal sandwich.

When an electric field is applied to the lens, the liquid crystal molecules change direction and cause the light passing through the lens to be refocused. The LENS VECTOR technology therefore uses flat lenses containing liquid crystal molecules whose direction is controlled by an electric field that triggers a light scattering process with angles of up to 50°.

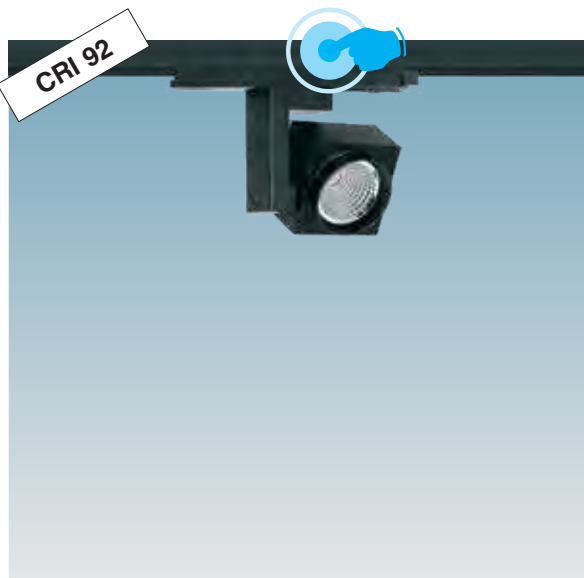
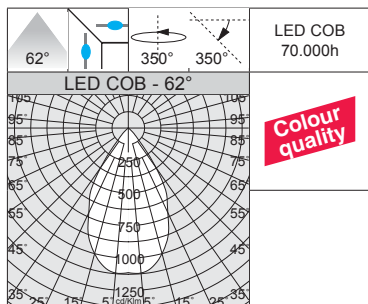


The technology used in Focus with LENS VECTOR works with most directional light sources and can be combined with control systems such as:

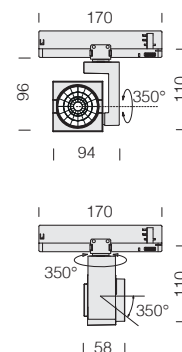
- 0-10V
- DALI
- DMX
- Bluetooth

Moreover, by using the Casambi app, available for iOS and Android platforms, you can dim the light source, select the desired beam angle, create dynamic light scenes, and change the colour temperature.





IP40 IK07



**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.

## Focus 5.0 R - DIP SWITCH - universal adapter

| LED | colour | weight | CLD code    | I out | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |
|-----|--------|--------|-------------|-------|-------|-----------------------------------------------------|
| COB | white  | 0,50   | 22108610-00 | 350   | 14    | 3000K - 1355lm - CRI 92 - 62°                       |
|     | black  |        | 22108630-00 |       |       |                                                     |
| COB | white  | 0,50   | 22108610-68 | 350   | 14    | 4000K - 1456lm - CRI 92 - 62°                       |
|     | black  |        | 22108630-68 |       |       |                                                     |

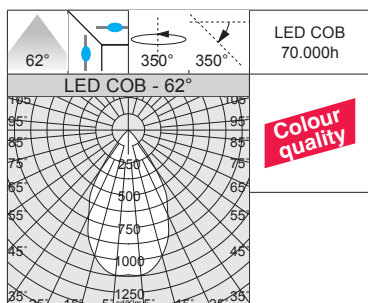
Upon request: DALI -1241 and -6841 dimmable version to be used with OMNITRACK PLUS track-mounted system.

## DIP SWITCH SETTING

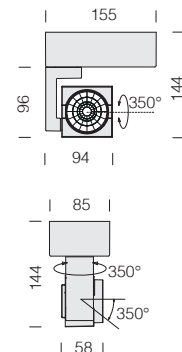
| I out | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |
|-------|-------|-----------------------------------------------------|
| 250   | 10    | 3000K - 1004lm - CRI 92 - 62°                       |
| 300   | 12    | 3000K - 1183lm - CRI 92 - 62°                       |
| 350   | 14    | 3000K - 1355lm - CRI 92 - 62°                       |

## DIP SWITCH SETTING

| I out | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |
|-------|-------|-----------------------------------------------------|
| 250   | 10    | 4000K - 1080lm - CRI 92 - 62°                       |
| 300   | 12    | 4000K - 1272lm - CRI 92 - 62°                       |
| 350   | 14    | 4000K - 1456lm - CRI 92 - 62°                       |



IP40 IK07



**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.

## Focus 5.0 R - DIP SWITCH - base

| LED | colour | weight | CLD code    | I out | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |
|-----|--------|--------|-------------|-------|-------|-----------------------------------------------------|
| COB | white  | 0,80   | 22208610-00 | 350   | 14    | 3000K - 1355lm - CRI 92 - 62°                       |
|     | black  |        | 22208630-00 |       |       |                                                     |
| COB | white  | 0,80   | 22208610-68 | 350   | 14    | 4000K - 1456lm - CRI 92 - 62°                       |
|     | black  |        | 22208630-68 |       |       |                                                     |

## DIP SWITCH SETTING

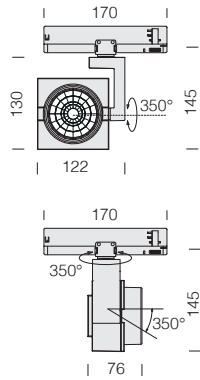
| I out | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |
|-------|-------|-----------------------------------------------------|
| 250   | 10    | 3000K - 1004lm - CRI 92 - 62°                       |
| 300   | 12    | 3000K - 1183lm - CRI 92 - 62°                       |
| 350   | 14    | 3000K - 1355lm - CRI 92 - 62°                       |

## DIP SWITCH SETTING

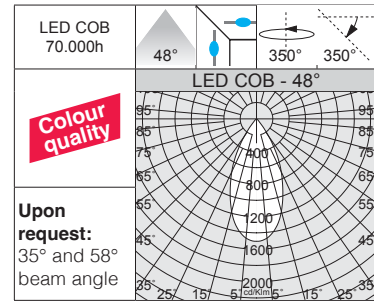
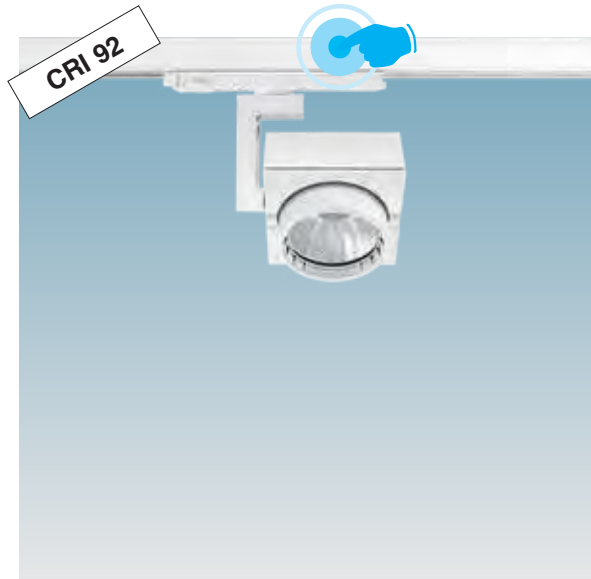
| I out | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |
|-------|-------|-----------------------------------------------------|
| 250   | 10    | 4000K - 1080lm - CRI 92 - 62°                       |
| 300   | 12    | 4000K - 1272lm - CRI 92 - 62°                       |
| 350   | 14    | 4000K - 1456lm - CRI 92 - 62°                       |



IP40 IK07



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.



## Focus 7.0 R - DIP SWITCH - universal adapter

| LED | colour    | weight | CLD<br>code | I out | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |
|-----|-----------|--------|-------------|-------|-------|-----------------------------------------------------|
| COB | white     | 0,70   | 22108210-00 | 700   | 27    | 3000K - 2938lm - CRI 92 - 48°                       |
|     | black     |        | 22108230-00 |       |       |                                                     |
|     | m. silver |        | 22108270-00 |       |       |                                                     |
| COB | white     | 0,70   | 22108210-68 | 700   | 27    | 4000K - 3093lm - CRI 92 - 48°                       |
|     | black     |        | 22108230-68 |       |       |                                                     |
|     | m. silver |        | 22108270-68 |       |       |                                                     |

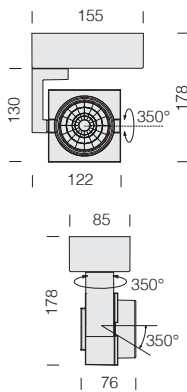
Upon request: DALI -1241 and -6841 dimmable version to be used with OMNITRACK PLUS track-mounted system.

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |              |
|--------------------|-------|--------------------------|--------------|
| I out              | W tot | K - ølm - CRI - degrees  |              |
| 700                | 27    | 3000K - 2938lm           | CRI 92 - 48° |
| 750                | 29    | 3000K - 3122lm           | CRI 92 - 48° |

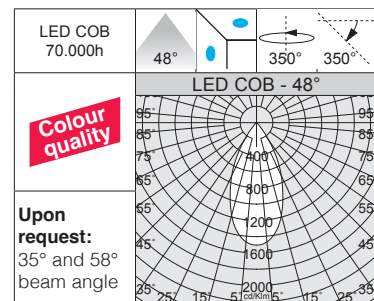
  

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |              |
|--------------------|-------|--------------------------|--------------|
| I out              | W tot | K - ølm - CRI - degrees  |              |
| 700                | 27    | 4000K - 3093lm           | CRI 92 - 48° |
| 750                | 29    | 4000K - 3287lm           | CRI 92 - 48° |

IP40 IK07



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.



## Focus 7.0 R - DIP SWITCH - base

| LED | colour    | weight | CLD<br>code | I out | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |
|-----|-----------|--------|-------------|-------|-------|-----------------------------------------------------|
| COB | white     | 1,10   | 22208210-00 | 700   | 27    | 3000K - 2938lm - CRI 92 - 48°                       |
|     | black     |        | 22208230-00 |       |       |                                                     |
|     | m. silver |        | 22208270-00 |       |       |                                                     |
| COB | white     | 1,10   | 22208210-68 | 700   | 27    | 4000K - 3093lm - CRI 92 - 48°                       |
|     | black     |        | 22208230-68 |       |       |                                                     |
|     | m. silver |        | 22208270-68 |       |       |                                                     |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |              |
|--------------------|-------|--------------------------|--------------|
| I out              | W tot | K - ølm - CRI - degrees  |              |
| 650                | 25    | 3000K - 2753lm           | CRI 92 - 48° |
| 700                | 27    | 3000K - 2938lm           | CRI 92 - 48° |
| 750                | 29    | 3000K - 3122lm           | CRI 92 - 48° |
| 800                | 31    | 3000K - 3293lm           | CRI 92 - 48° |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C) |              |
|--------------------|-------|--------------------------|--------------|
| I out              | W tot | K - ølm - CRI - degrees  |              |
| 650                | 25    | 4000K - 2850lm           | CRI 92 - 48° |
| 700                | 27    | 4000K - 3093lm           | CRI 92 - 48° |
| 750                | 29    | 4000K - 3287lm           | CRI 92 - 48° |
| 800                | 31    | 4000K - 3465lm           | CRI 92 - 48° |



**Housing:** in die-cast aluminium.

**Equipment:** supplied with universal adapter in track mounted versions. Complete with electronic power supply unit separated from the LEDs.

**LED:** high-efficiency light sources (CRI 92).  
Photobiological safety class: exempt group.

**Upon request:** version with CASAMBI automation lighting control system.  
For further information see chapter *Technical components*.

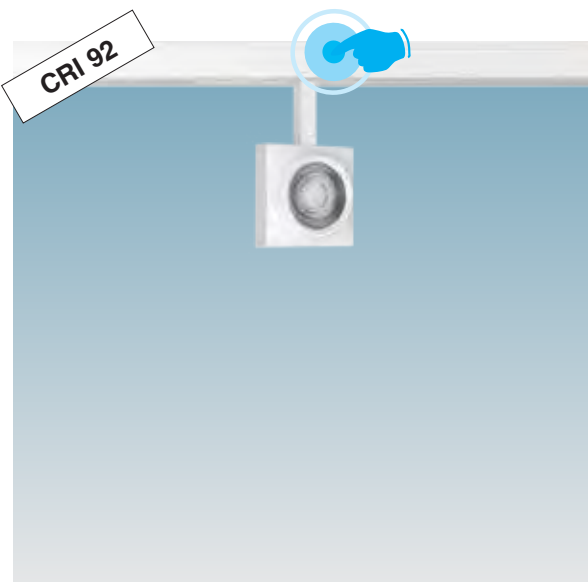
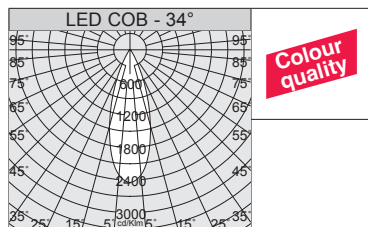
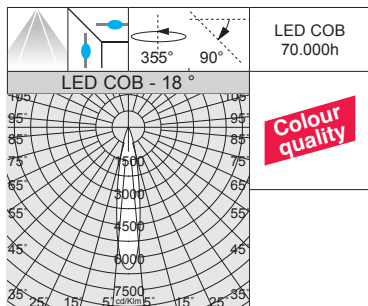


## ADAPT THE CURRENT TO ACHIEVE OPTIMAL LUMINOUS FLUX

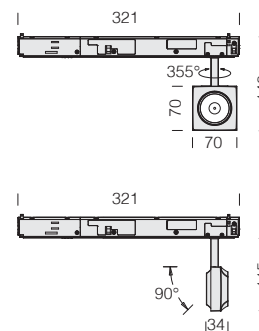
**DIP SWITCH SETTING:** the fixture comes with a *DIP SWITCH* driver for **THE SETTING OF THE OUTPUT CURRENT**. In this way you, can **ENSURE THE BEST LUMINOUS FLUX** for any lighting design.

The possibility to choose the correct drive current for LEDs will allow you to have the right power under specific design conditions. Using a lower current will improve the efficiency of fixtures and therefore increase energy savings, whilst a higher current will result in a higher light flux so that you can reduce the number of fixtures.





IP40 IK07



**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.95.

| Focus SLIM "Q" 5.0 - DIP SWITCH - universal concealed adapter |        |             |            |                          |                                      |
|---------------------------------------------------------------|--------|-------------|------------|--------------------------|--------------------------------------|
| LED                                                           |        | CLD         |            | LUMEN OUTPUT (tq= 25 °C) |                                      |
| colour                                                        | weight | code        | I out      | W tot                    | K - ølm - CRI - degrees              |
| <b>COB</b>                                                    | white  | 22109010-00 | <b>350</b> | <b>14</b>                | 3000K - 1332lm - <b>CRI 92</b> - 18° |
|                                                               | black  | 22109030-00 |            |                          |                                      |
| <b>COB</b>                                                    | white  | 22109010-68 | <b>350</b> | <b>14</b>                | 4000K - 1403lm - <b>CRI 92</b> - 18° |
|                                                               | black  | 22109030-68 |            |                          |                                      |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)             |  |
|--------------------|-------|--------------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees              |  |
| 250                | 10    | 3000K - 1001lm - <b>CRI 92</b> - 18° |  |
| 300                | 12    | 3000K - 1170lm - <b>CRI 92</b> - 18° |  |
| 350                | 14    | 3000K - 1332lm - <b>CRI 92</b> - 18° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)             |  |
|--------------------|-------|--------------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees              |  |
| 250                | 10    | 4000K - 1054lm - <b>CRI 92</b> - 18° |  |
| 300                | 12    | 4000K - 1232lm - <b>CRI 92</b> - 18° |  |
| 350                | 14    | 4000K - 1403lm - <b>CRI 92</b> - 18° |  |

|            |       |      |             |            |           |                                      |
|------------|-------|------|-------------|------------|-----------|--------------------------------------|
| <b>COB</b> | white | 0,30 | 22109011-00 | <b>350</b> | <b>14</b> | 3000K - 1297lm - <b>CRI 92</b> - 34° |
|            | black |      | 22109031-00 |            |           |                                      |
| <b>COB</b> | white | 0,30 | 22109011-68 | <b>350</b> | <b>14</b> | 4000K - 1365lm - <b>CRI 92</b> - 34° |
|            | black |      | 22109031-68 |            |           |                                      |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)             |  |
|--------------------|-------|--------------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees              |  |
| 250                | 10    | 3000K - 974lm - <b>CRI 92</b> - 34°  |  |
| 300                | 12    | 3000K - 1139lm - <b>CRI 92</b> - 34° |  |
| 350                | 14    | 3000K - 1297lm - <b>CRI 92</b> - 34° |  |

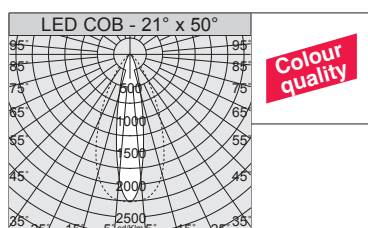
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)             |  |
|--------------------|-------|--------------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees              |  |
| 250                | 10    | 4000K - 1026lm - <b>CRI 92</b> - 34° |  |
| 300                | 12    | 4000K - 1199lm - <b>CRI 92</b> - 34° |  |
| 350                | 14    | 4000K - 1365lm - <b>CRI 92</b> - 34° |  |

|            |       |      |             |            |           |                                      |
|------------|-------|------|-------------|------------|-----------|--------------------------------------|
| <b>COB</b> | white | 0,30 | 22109012-00 | <b>350</b> | <b>14</b> | 3000K - 1405lm - <b>CRI 92</b> - 58° |
|            | black |      | 22109032-00 |            |           |                                      |
| <b>COB</b> | white | 0,30 | 22109012-68 | <b>350</b> | <b>14</b> | 4000K - 1479lm - <b>CRI 92</b> - 58° |
|            | black |      | 22109032-68 |            |           |                                      |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)             |  |
|--------------------|-------|--------------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees              |  |
| 250                | 10    | 3000K - 1056lm - <b>CRI 92</b> - 58° |  |
| 300                | 12    | 3000K - 1234lm - <b>CRI 92</b> - 58° |  |
| 350                | 14    | 3000K - 1405lm - <b>CRI 92</b> - 58° |  |

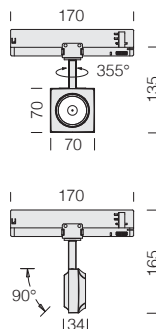
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)             |  |
|--------------------|-------|--------------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees              |  |
| 250                | 10    | 4000K - 1111lm - <b>CRI 92</b> - 58° |  |
| 300                | 12    | 4000K - 1299lm - <b>CRI 92</b> - 58° |  |
| 350                | 14    | 4000K - 1479lm - <b>CRI 92</b> - 58° |  |

Upon request: DALI dimmable version -1241 and -6841 to be used with OMNITRACK PLUS track-mounted system.

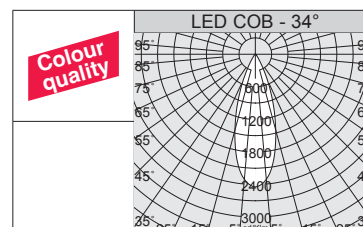
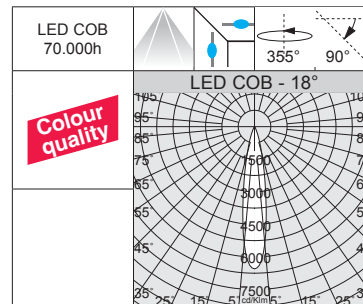


Upon request: 21° x 50° ELLIPTICAL version.

IP40 IK07



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.



## Focus SLIM "Q" 5.0 - DIP SWITCH - universal adapter

| LED | colour | weight | code        | I out | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|-----|--------|--------|-------------|-------|-------|-------------------------------|
|     |        |        |             |       |       | K - ølm - CRI - degrees       |
| COB | white  | 0,30   | 22108710-00 | 350   | 14    | 3000K - 1332lm - CRI 92 - 18° |
|     | black  |        | 22108730-00 |       |       |                               |
| COB | white  | 0,30   | 22108710-68 | 350   | 14    | 4000K - 1403lm - CRI 92 - 18° |
|     | black  |        | 22108730-68 |       |       |                               |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 3000K - 1001lm - CRI 92 - 18° |  |
| 300                | 12    | 3000K - 1170lm - CRI 92 - 18° |  |
| 350                | 14    | 3000K - 1332lm - CRI 92 - 18° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 4000K - 1054lm - CRI 92 - 18° |  |
| 300                | 12    | 4000K - 1232lm - CRI 92 - 18° |  |
| 350                | 14    | 4000K - 1403lm - CRI 92 - 18° |  |

|     |       |      |             |     |    |                               |
|-----|-------|------|-------------|-----|----|-------------------------------|
| COB | white | 0,30 | 22108711-00 | 350 | 14 | 3000K - 1297lm - CRI 92 - 34° |
|     | black |      | 22108731-00 |     |    |                               |
| COB | white | 0,30 | 22108711-68 | 350 | 14 | 4000K - 1365lm - CRI 92 - 34° |
|     | black |      | 22108731-68 |     |    |                               |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 3000K - 974lm - CRI 92 - 34°  |  |
| 300                | 12    | 3000K - 1139lm - CRI 92 - 34° |  |
| 350                | 14    | 3000K - 1297lm - CRI 92 - 34° |  |

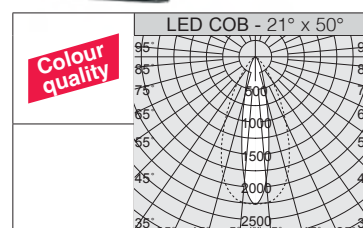
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 4000K - 1026lm - CRI 92 - 34° |  |
| 300                | 12    | 4000K - 1199lm - CRI 92 - 34° |  |
| 350                | 14    | 4000K - 1365lm - CRI 92 - 34° |  |

|     |       |      |             |     |    |                               |
|-----|-------|------|-------------|-----|----|-------------------------------|
| COB | white | 0,30 | 22108712-00 | 350 | 14 | 3000K - 1405lm - CRI 92 - 58° |
|     | black |      | 22108732-00 |     |    |                               |
| COB | white | 0,30 | 22108712-68 | 350 | 14 | 4000K - 1479lm - CRI 92 - 58° |
|     | black |      | 22108732-68 |     |    |                               |

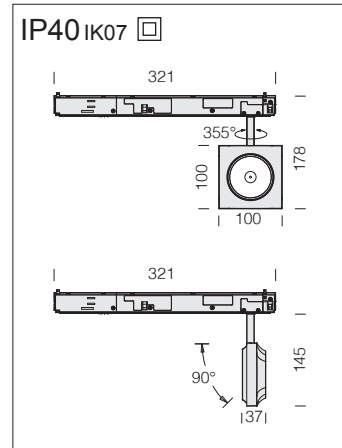
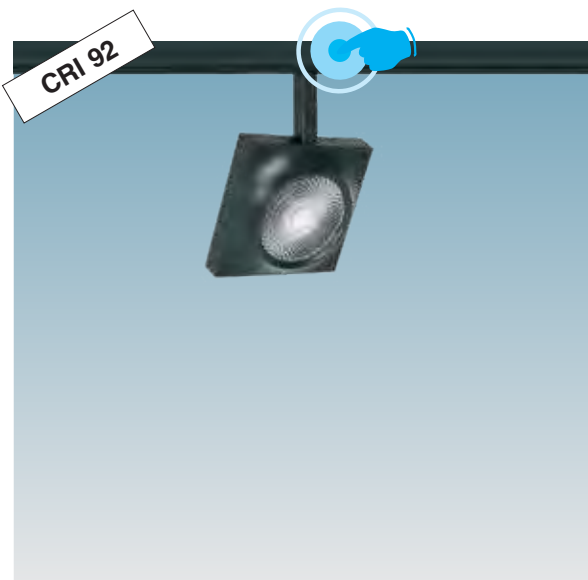
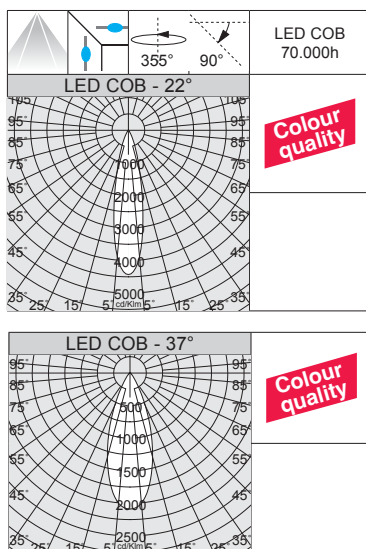
Upon request: DALI -1241 and -6841 dimmable version to be used with OMNITRACK PLUS track-mounted system.

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 3000K - 1056lm - CRI 92 - 58° |  |
| 300                | 12    | 3000K - 1234lm - CRI 92 - 58° |  |
| 350                | 14    | 3000K - 1405lm - CRI 92 - 58° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 4000K - 1111lm - CRI 92 - 58° |  |
| 300                | 12    | 4000K - 1299lm - CRI 92 - 58° |  |
| 350                | 14    | 4000K - 1479lm - CRI 92 - 58° |  |



Upon request: 21° x 50° ELLIPTICAL version.



**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.95.

| Focus SLIM "Q" 7.0 - DIP SWITCH - universal concealed adapter |        |        |             |       |                          |
|---------------------------------------------------------------|--------|--------|-------------|-------|--------------------------|
| LED                                                           | colour | weight | CLD         |       | LUMEN OUTPUT (tq= 25 °C) |
|                                                               |        |        | code        | I out | W tot                    |
| COB                                                           | white  | 0,40   | 22109110-00 | 600   | 23                       |
|                                                               | black  |        | 22109130-00 |       |                          |
| COB                                                           | white  | 0,40   | 22109110-68 | 600   | 23                       |
|                                                               | black  |        | 22109130-68 |       |                          |

| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 500                | 19    | 3000K - 1988lm - CRI 92 - 22° |
| 550                | 21    | 3000K - 2166lm - CRI 92 - 22° |
| 600                | 23    | 3000K - 2332lm - CRI 92 - 22° |

| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 500                | 19    | 4000K - 2092lm - CRI 92 - 22° |
| 550                | 21    | 4000K - 2280lm - CRI 92 - 22° |
| 600                | 23    | 4000K - 2455lm - CRI 92 - 22° |

|     |       |      |             |     |    |                               |
|-----|-------|------|-------------|-----|----|-------------------------------|
| COB | white | 0,40 | 22109111-00 | 600 | 23 | 3000K - 2277lm - CRI 92 - 37° |
|     | black |      | 22109131-00 |     |    |                               |
| COB | white | 0,40 | 22109111-68 | 600 | 23 | 4000K - 2397lm - CRI 92 - 37° |
|     | black |      | 22109131-68 |     |    |                               |

| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 500                | 19    | 3000K - 1941lm - CRI 92 - 37° |
| 550                | 21    | 3000K - 2115lm - CRI 92 - 37° |
| 600                | 23    | 3000K - 2277lm - CRI 92 - 37° |

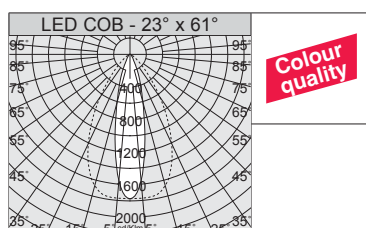
| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 500                | 19    | 4000K - 2043lm - CRI 92 - 37° |
| 550                | 21    | 4000K - 2226lm - CRI 92 - 37° |
| 600                | 23    | 4000K - 2397lm - CRI 92 - 37° |

|     |       |      |             |     |    |                               |
|-----|-------|------|-------------|-----|----|-------------------------------|
| COB | white | 0,40 | 22109112-00 | 600 | 23 | 3000K - 2267lm - CRI 92 - 55° |
|     | black |      | 22109132-00 |     |    |                               |
| COB | white | 0,40 | 22109112-68 | 600 | 23 | 4000K - 2386lm - CRI 92 - 55° |
|     | black |      | 22109132-68 |     |    |                               |

| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 500                | 19    | 3000K - 1932lm - CRI 92 - 55° |
| 550                | 21    | 3000K - 2105lm - CRI 92 - 55° |
| 600                | 23    | 3000K - 2267lm - CRI 92 - 55° |

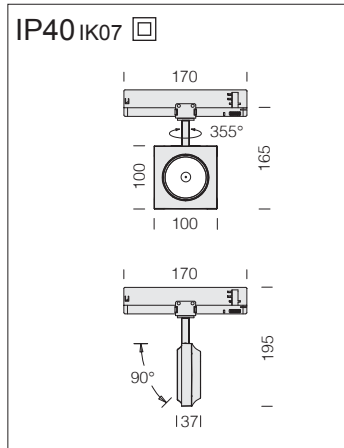
| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 500                | 19    | 4000K - 2034lm - CRI 92 - 55° |
| 550                | 21    | 4000K - 2216lm - CRI 92 - 55° |
| 600                | 23    | 4000K - 2386lm - CRI 92 - 55° |

Version complete with concealed adapter (upon request **DALI -1241** and **-6841** dimmable version max. 500mA) to be used only with **OMNITRACK PLUS** track-mounted system.

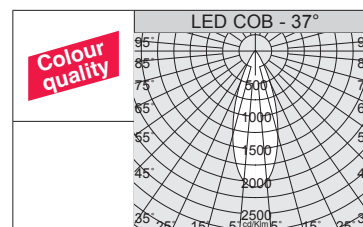
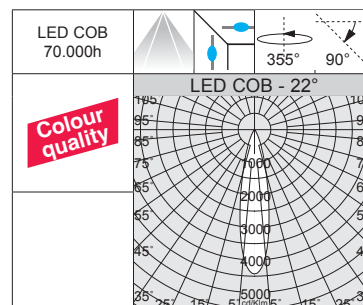
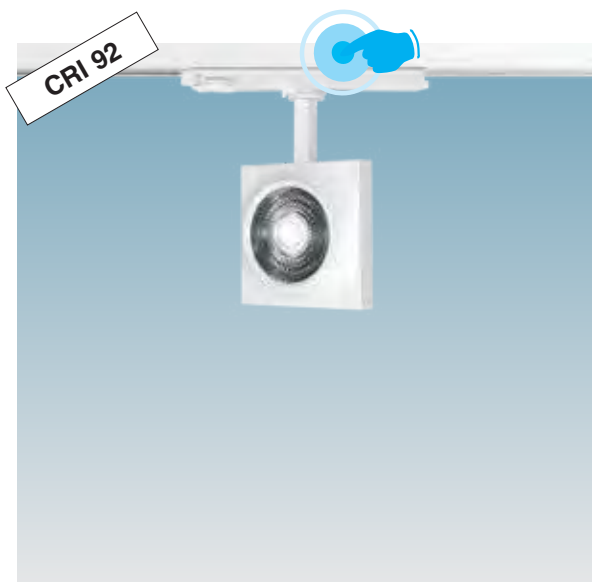


Upon request: 23° x 61° ELLIPTICAL version.





**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.



| Focus SLIM "Q" 7.0 - DIP SWITCH - universal adapter |        |        |             |       |       |                                      |
|-----------------------------------------------------|--------|--------|-------------|-------|-------|--------------------------------------|
| LED                                                 | colour | CLD    |             | I out | W tot | LUMEN OUTPUT (tq= 25 °C)             |
|                                                     |        | weight | code        |       |       | K - ølm - CRI - degrees              |
| <b>COB</b>                                          | white  | 0,40   | 22108810-00 | 600   | 23    | 3000K - 2332lm - <b>CRI 92</b> - 22° |
|                                                     | black  |        | 22108830-00 |       |       |                                      |
| <b>COB</b>                                          | white  | 0,40   | 22108810-68 | 600   | 23    | 4000K - 2455lm - <b>CRI 92</b> - 22° |
|                                                     | black  |        | 22108830-68 |       |       |                                      |

| DIP SWITCH SETTING       |       |                                      |
|--------------------------|-------|--------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                      |
| I out                    | W tot | K - ølm - CRI - degrees              |
| 500                      | 19    | 3000K - 1988lm - <b>CRI 92</b> - 22° |
| 550                      | 21    | 3000K - 2166lm - <b>CRI 92</b> - 22° |
| 600                      | 23    | 3000K - 2332lm - <b>CRI 92</b> - 22° |

| DIP SWITCH SETTING       |       |                                      |
|--------------------------|-------|--------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                      |
| I out                    | W tot | K - ølm - CRI - degrees              |
| 500                      | 19    | 4000K - 2092lm - <b>CRI 92</b> - 22° |
| 550                      | 21    | 4000K - 2280lm - <b>CRI 92</b> - 22° |
| 600                      | 23    | 4000K - 2455lm - <b>CRI 92</b> - 22° |

|            |       |      |             |     |    |                                      |
|------------|-------|------|-------------|-----|----|--------------------------------------|
| <b>COB</b> | white | 0,40 | 22108811-00 | 600 | 23 | 3000K - 2277lm - <b>CRI 92</b> - 37° |
|            | black |      | 22108831-00 |     |    |                                      |
| <b>COB</b> | white | 0,40 | 22108811-68 | 600 | 23 | 4000K - 2397lm - <b>CRI 92</b> - 37° |
|            | black |      | 22108831-68 |     |    |                                      |

| DIP SWITCH SETTING       |       |                                      |
|--------------------------|-------|--------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                      |
| I out                    | W tot | K - ølm - CRI - degrees              |
| 500                      | 19    | 3000K - 1941lm - <b>CRI 92</b> - 37° |
| 550                      | 21    | 3000K - 2115lm - <b>CRI 92</b> - 37° |
| 600                      | 23    | 3000K - 2277lm - <b>CRI 92</b> - 37° |

| DIP SWITCH SETTING       |       |                                      |
|--------------------------|-------|--------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                      |
| I out                    | W tot | K - ølm - CRI - degrees              |
| 500                      | 19    | 4000K - 2043lm - <b>CRI 92</b> - 37° |
| 550                      | 21    | 4000K - 2226lm - <b>CRI 92</b> - 37° |
| 600                      | 23    | 4000K - 2397lm - <b>CRI 92</b> - 37° |

|            |       |      |             |     |    |                                      |
|------------|-------|------|-------------|-----|----|--------------------------------------|
| <b>COB</b> | white | 0,40 | 22108812-00 | 600 | 23 | 3000K - 2267lm - <b>CRI 92</b> - 55° |
|            | black |      | 22108832-00 |     |    |                                      |
| <b>COB</b> | white | 0,40 | 22108812-68 | 600 | 23 | 4000K - 2386lm - <b>CRI 92</b> - 55° |
|            | black |      | 22108832-68 |     |    |                                      |

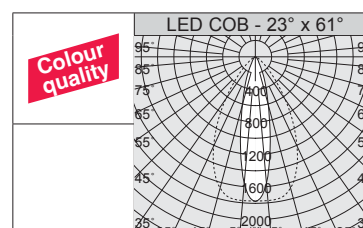
Upon request: DALI -1241 and -6841 dimmable version to be used with OMNITRACK PLUS track-mounted system.

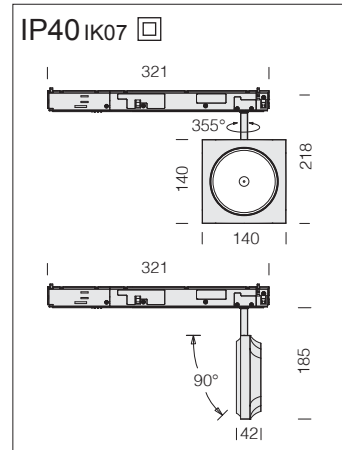
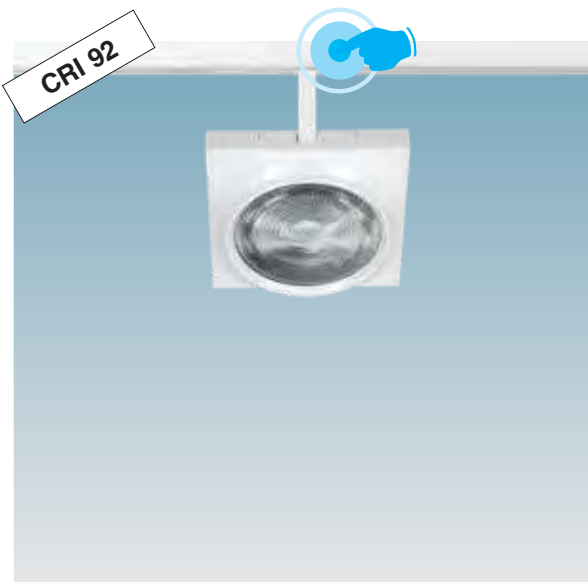
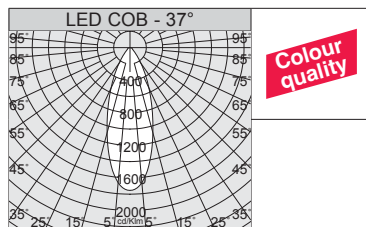
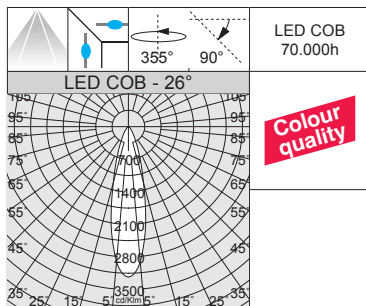
| DIP SWITCH SETTING       |       |                                      |
|--------------------------|-------|--------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                      |
| I out                    | W tot | K - ølm - CRI - degrees              |
| 500                      | 19    | 3000K - 1932lm - <b>CRI 92</b> - 55° |
| 550                      | 21    | 3000K - 2105lm - <b>CRI 92</b> - 55° |
| 600                      | 23    | 3000K - 2267lm - <b>CRI 92</b> - 55° |

| DIP SWITCH SETTING       |       |                                      |
|--------------------------|-------|--------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                      |
| I out                    | W tot | K - ølm - CRI - degrees              |
| 500                      | 19    | 4000K - 2034lm - <b>CRI 92</b> - 55° |
| 550                      | 21    | 4000K - 2216lm - <b>CRI 92</b> - 55° |
| 600                      | 23    | 4000K - 2386lm - <b>CRI 92</b> - 55° |



Upon request: 23° x 61° ELLIPTICAL version.





**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.95.

| Focus SLIM "Q" 111 - DIP SWITCH - universal concealed adapter |        |        |             |       |                          |
|---------------------------------------------------------------|--------|--------|-------------|-------|--------------------------|
| LED                                                           | colour | weight | CLD         |       | LUMEN OUTPUT (tq= 25 °C) |
|                                                               |        |        | code        | I out | W tot                    |
| COB                                                           | white  | 0,70   | 22109210-00 | 700   | 26                       |
|                                                               | black  |        | 22109230-00 |       |                          |
| COB                                                           | white  | 0,70   | 22109210-68 | 700   | 26                       |
|                                                               | black  |        | 22109230-68 |       |                          |

| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 500                | 18    | 3000K - 2272lm - CRI 92 - 26° |
| 600                | 22    | 3000K - 2696lm - CRI 92 - 26° |
| 700                | 26    | 3000K - 3085lm - CRI 92 - 26° |

| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 500                | 18    | 4000K - 2391lm - CRI 92 - 26° |
| 600                | 22    | 4000K - 2838lm - CRI 92 - 26° |
| 700                | 26    | 4000K - 3284lm - CRI 92 - 26° |

|     |       |      |             |     |    |
|-----|-------|------|-------------|-----|----|
| COB | white | 0,70 | 22109211-00 | 700 | 26 |
|     | black |      | 22109231-00 |     |    |
| COB | white | 0,70 | 22109211-68 | 700 | 26 |
|     | black |      | 22109231-68 |     |    |

| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 500                | 18    | 3000K - 2164lm - CRI 92 - 37° |
| 600                | 22    | 3000K - 2568lm - CRI 92 - 37° |
| 700                | 26    | 3000K - 2938lm - CRI 92 - 37° |

| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 500                | 18    | 4000K - 2277lm - CRI 92 - 37° |
| 600                | 22    | 4000K - 2703lm - CRI 92 - 37° |
| 700                | 26    | 4000K - 3093lm - CRI 92 - 37° |

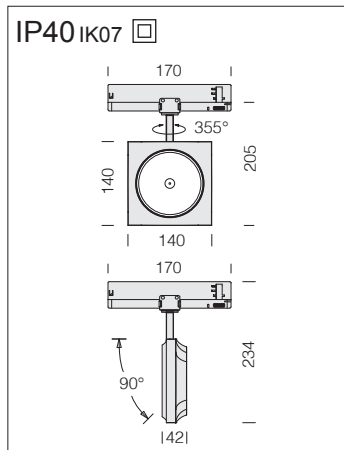
|     |       |      |             |     |    |
|-----|-------|------|-------------|-----|----|
| COB | white | 0,70 | 22109212-00 | 700 | 26 |
|     | black |      | 22109232-00 |     |    |
| COB | white | 0,70 | 22109212-68 | 700 | 26 |
|     | black |      | 22109232-68 |     |    |

Version complete with concealed adapter (upon request **DALI-1241** and **-6841** dimmable version max. 500mA) to be used only with **OMNITRACK PLUS** track-mounted system.

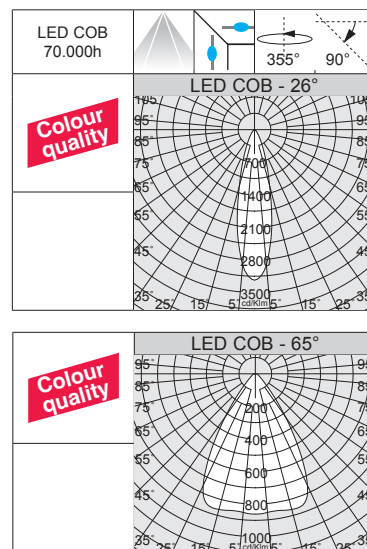
| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 500                | 18    | 3000K - 2056lm - CRI 92 - 65° |
| 600                | 22    | 3000K - 2440lm - CRI 92 - 65° |
| 700                | 26    | 3000K - 2791lm - CRI 92 - 65° |

| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 500                | 18    | 4000K - 2163lm - CRI 92 - 65° |
| 600                | 22    | 4000K - 2568lm - CRI 92 - 65° |
| 700                | 26    | 4000K - 2938lm - CRI 92 - 65° |





**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.



| Focus SLIM "Q" 111 - DIP SWITCH - universal adapter |        |        |             |       |       |                               |
|-----------------------------------------------------|--------|--------|-------------|-------|-------|-------------------------------|
| LED                                                 | colour | weight | CLD         | I out | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|                                                     |        |        | code        |       |       | K - ølm - CRI - degrees       |
| COB                                                 | white  | 0,70   | 22109310-00 | 700   | 26    | 3000K - 3085lm - CRI 92 - 26° |
|                                                     | black  |        | 22109330-00 |       |       |                               |
| COB                                                 | white  | 0,70   | 22109310-68 | 700   | 26    | 4000K - 3284lm - CRI 92 - 26° |
|                                                     | black  |        | 22109330-68 |       |       |                               |

| DIP SWITCH SETTING |       |  | LUMEN OUTPUT (tq= 25 °C)      |  |  |
|--------------------|-------|--|-------------------------------|--|--|
| I out              | W tot |  | K - ølm - CRI - degrees       |  |  |
| 650                | 24    |  | 3000K - 2750lm - CRI 92 - 26° |  |  |
| 700                | 26    |  | 3000K - 3085lm - CRI 92 - 26° |  |  |

| DIP SWITCH SETTING |       |  | LUMEN OUTPUT (tq= 25 °C)      |  |  |
|--------------------|-------|--|-------------------------------|--|--|
| I out              | W tot |  | K - ølm - CRI - degrees       |  |  |
| 600                | 24    |  | 4000K - 2900lm - CRI 92 - 26° |  |  |
| 700                | 26    |  | 4000K - 3284lm - CRI 92 - 26° |  |  |

|     |       |      |             |     |    |                               |
|-----|-------|------|-------------|-----|----|-------------------------------|
| COB | white | 0,70 | 22109311-00 | 700 | 26 | 3000K - 2938lm - CRI 92 - 37° |
|     | black |      | 22109331-00 |     |    |                               |
| COB | white | 0,70 | 22109311-68 | 700 | 26 | 4000K - 3093lm - CRI 92 - 37° |
|     | black |      | 22109331-68 |     |    |                               |

| DIP SWITCH SETTING |       |  | LUMEN OUTPUT (tq= 25 °C)      |  |  |
|--------------------|-------|--|-------------------------------|--|--|
| I out              | W tot |  | K - ølm - CRI - degrees       |  |  |
| 650                | 24    |  | 3000K - 2614lm - CRI 92 - 37° |  |  |
| 700                | 26    |  | 3000K - 2938lm - CRI 92 - 37° |  |  |

| DIP SWITCH SETTING |       |  | LUMEN OUTPUT (tq= 25 °C)      |  |  |
|--------------------|-------|--|-------------------------------|--|--|
| I out              | W tot |  | K - ølm - CRI - degrees       |  |  |
| 650                | 24    |  | 4000K - 2752lm - CRI 92 - 37° |  |  |
| 700                | 26    |  | 4000K - 3093lm - CRI 92 - 37° |  |  |

|     |       |      |             |     |    |                               |
|-----|-------|------|-------------|-----|----|-------------------------------|
| COB | white | 0,70 | 22109312-00 | 700 | 26 | 3000K - 2791lm - CRI 92 - 65° |
|     | black |      | 22109332-00 |     |    |                               |
| COB | white | 0,70 | 22109312-68 | 700 | 26 | 4000K - 2938lm - CRI 92 - 65° |
|     | black |      | 22109332-68 |     |    |                               |

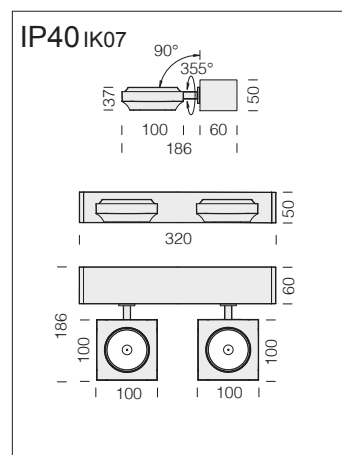
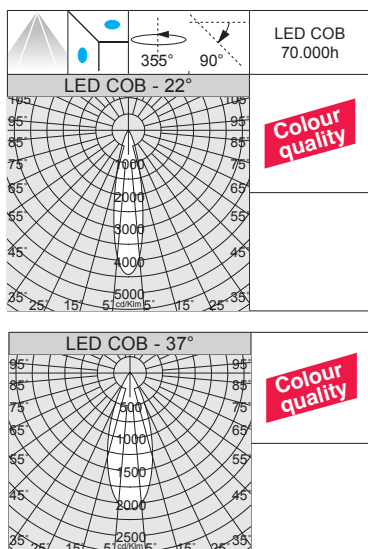
Upon request: DALI -1241 and -6841 dimmable version to be used with OMNITRACK PLUS track-mounted system.

| DIP SWITCH SETTING |       |  | LUMEN OUTPUT (tq= 25 °C)      |  |  |
|--------------------|-------|--|-------------------------------|--|--|
| I out              | W tot |  | K - ølm - CRI - degrees       |  |  |
| 650                | 24    |  | 3000K - 2483lm - CRI 92 - 65° |  |  |
| 700                | 26    |  | 3000K - 2791lm - CRI 92 - 65° |  |  |

| DIP SWITCH SETTING |       |  | LUMEN OUTPUT (tq= 25 °C)      |  |  |
|--------------------|-------|--|-------------------------------|--|--|
| I out              | W tot |  | K - ølm - CRI - degrees       |  |  |
| 650                | 24    |  | 4000K - 2614lm - CRI 92 - 65° |  |  |
| 700                | 26    |  | 4000K - 2938lm - CRI 92 - 65° |  |  |







**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.

| Focus SLIM "Q" 7.0 - DIP SWITCH - applique |        |        |             |       |                          |
|--------------------------------------------|--------|--------|-------------|-------|--------------------------|
| LED                                        | colour | weight | CLD         |       | LUMEN OUTPUT (tq= 25 °C) |
|                                            |        |        | code        | I out | W tot                    |
| COB                                        | white  | 1,40   | 22202410-00 | 700   | 26                       |
|                                            | black  |        | 22202430-00 |       |                          |
| COB                                        | white  | 1,40   | 22202410-68 | 700   | 26                       |
|                                            | black  |        | 22202430-68 |       |                          |

| DIP SWITCH SETTING       |       |                                 |
|--------------------------|-------|---------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                 |
| I out                    | W tot | K - ølm - CRI - degrees         |
| 500                      | 18    | 3000K - 2x1082lm - CRI 92 - 22° |
| 610                      | 22    | 3000K - 2x1314lm - CRI 92 - 22° |
| 700                      | 26    | 3000K - 2x1492lm - CRI 92 - 22° |

| DIP SWITCH SETTING       |       |                                 |
|--------------------------|-------|---------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                 |
| I out                    | W tot | K - ølm - CRI - degrees         |
| 500                      | 18    | 4000K - 2x1136lm - CRI 92 - 22° |
| 610                      | 22    | 4000K - 2x1380lm - CRI 92 - 22° |
| 700                      | 26    | 4000K - 2x1567lm - CRI 92 - 22° |

|     |       |      |             |     |    |
|-----|-------|------|-------------|-----|----|
| COB | white | 1,40 | 22202411-00 | 700 | 26 |
|     | black |      | 22202431-00 |     |    |
| COB | white | 1,40 | 22202411-68 | 700 | 26 |
|     | black |      | 22202431-68 |     |    |

| DIP SWITCH SETTING       |       |                                 |
|--------------------------|-------|---------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                 |
| I out                    | W tot | K - ølm - CRI - degrees         |
| 500                      | 18    | 3000K - 2x1060lm - CRI 92 - 37° |
| 610                      | 22    | 3000K - 2x1288lm - CRI 92 - 37° |
| 700                      | 26    | 3000K - 2x1462lm - CRI 92 - 37° |

| DIP SWITCH SETTING       |       |                                 |
|--------------------------|-------|---------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                 |
| I out                    | W tot | K - ølm - CRI - degrees         |
| 500                      | 18    | 4000K - 2x1113lm - CRI 92 - 37° |
| 610                      | 22    | 4000K - 2x1352lm - CRI 92 - 37° |
| 700                      | 26    | 4000K - 2x1536lm - CRI 92 - 37° |

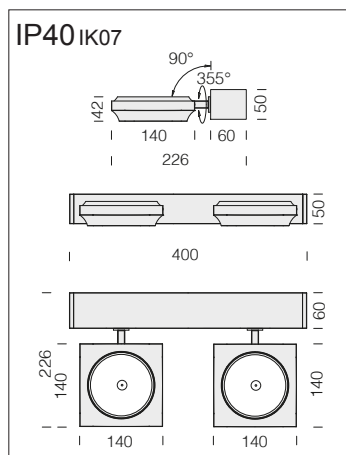
|     |       |      |             |     |    |
|-----|-------|------|-------------|-----|----|
| COB | white | 1,40 | 22202412-00 | 700 | 26 |
|     | black |      | 22202432-00 |     |    |
| COB | white | 1,40 | 22202412-68 | 700 | 26 |
|     | black |      | 22202432-68 |     |    |

| DIP SWITCH SETTING       |       |                                 |
|--------------------------|-------|---------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                 |
| I out                    | W tot | K - ølm - CRI - degrees         |
| 500                      | 18    | 3000K - 2x1050lm - CRI 92 - 55° |
| 610                      | 22    | 3000K - 2x1275lm - CRI 92 - 55° |
| 700                      | 26    | 3000K - 2x1447lm - CRI 92 - 55° |

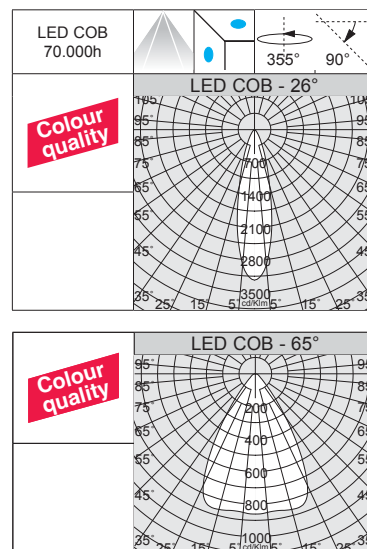
| DIP SWITCH SETTING       |       |                                 |
|--------------------------|-------|---------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                 |
| I out                    | W tot | K - ølm - CRI - degrees         |
| 500                      | 18    | 4000K - 2x1102lm - CRI 92 - 55° |
| 610                      | 22    | 4000K - 2x1339lm - CRI 92 - 55° |
| 700                      | 26    | 4000K - 2x1520lm - CRI 92 - 55° |

Upon request: DALI -1241 and -6841 dimmable version.





**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.



| Focus SLIM “Q” 111 - DIP SWITCH - applique |        |        |             |       |       |                                 |
|--------------------------------------------|--------|--------|-------------|-------|-------|---------------------------------|
|                                            |        | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C)        |
| LED                                        | colour | weight | code        | I out | W tot | K - ølm - CRI - degrees         |
| COB                                        | white  | 2,00   | 22202510-00 | 1050  | 39    | 3000K - 2x2327lm - CRI 92 - 26° |
|                                            | black  |        | 22202530-00 |       |       |                                 |
| COB                                        | white  | 2,00   | 22202510-68 | 1050  | 39    | 4000K - 2x2443lm - CRI 92 - 26° |
|                                            | black  |        | 22202530-68 |       |       |                                 |

| DIP SWITCH SETTING |       |                                 |
|--------------------|-------|---------------------------------|
|                    |       | LUMEN OUTPUT (tq= 25 °C)        |
| I out              | W tot | K - ølm - CRI - degrees         |
| 700                | 26    | 3000K - 2x1593lm - CRI 92 - 26° |
| 850                | 31    | 3000K - 2x1911lm - CRI 92 - 26° |
| 1050               | 39    | 3000K - 2x2327lm - CRI 92 - 26° |

| DIP SWITCH SETTING |       |                                        |
|--------------------|-------|----------------------------------------|
|                    |       | LUMEN OUTPUT (tq= 25 °C)               |
| I out              | W tot | K - ølm - CRI - degrees                |
| 700                | 26    | 4000K - 2x1673lm - <b>CRI 92</b> - 26° |
| 850                | 31    | 4000K - 2x2007lm - <b>CRI 92</b> - 26° |
| 1050               | 39    | 4000K - 2x2443lm - <b>CRI 92</b> - 26° |

|     |       |      |             |      |    |                                 |
|-----|-------|------|-------------|------|----|---------------------------------|
| COB | white | 2,00 | 22202511-00 | 1050 | 39 | 3000K - 2x2211lm - CRI 92 - 37° |
|     | black |      | 22202531-00 |      |    |                                 |
| COB | white | 2,00 | 22202511-68 | 1050 | 39 | 4000K - 2x2321lm - CRI 92 - 37° |
|     | black |      | 22202531-68 |      |    |                                 |

| DIP SWITCH SETTING |       |                                        |
|--------------------|-------|----------------------------------------|
|                    |       | LUMEN OUTPUT (tq= 25 °C)               |
| I out              | W tot | K - ølm - CRI - degrees                |
| 700                | 26    | 3000K - 2x1513lm - <b>CRI 92 - 37°</b> |
| 850                | 31    | 3000K - 2x1815lm - <b>CRI 92 - 37°</b> |
| 1050               | 39    | 3000K - 2x2211lm - <b>CRI 92 - 37°</b> |

| DIP SWITCH SETTING |       |                                        |
|--------------------|-------|----------------------------------------|
|                    |       | LUMEN OUTPUT (tq= 25 °C)               |
| I out              | W tot | K - ølm - CRI - degrees                |
| 700                | 26    | 4000K - 2x1589lm - <b>CRI 92 - 37°</b> |
| 850                | 31    | 4000K - 2x1907lm - <b>CRI 92 - 37°</b> |
| 1050               | 39    | 4000K - 2x2321lm - <b>CRI 92 - 37°</b> |

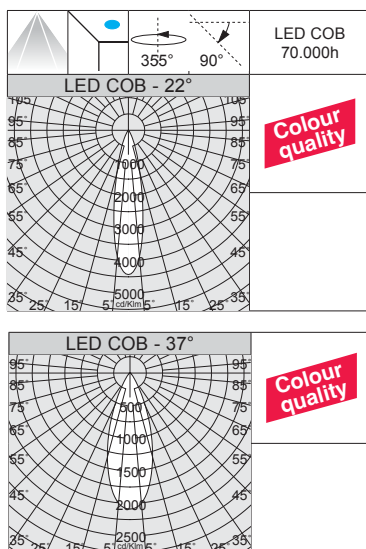
|     |       |      |             |      |    |                                 |
|-----|-------|------|-------------|------|----|---------------------------------|
| COB | white | 2,00 | 22202512-00 | 1050 | 39 | 3000K - 2x2106lm - CRI 92 - 65° |
|     | black |      | 22202532-00 |      |    |                                 |
| COB | white | 2,00 | 22202512-68 | 1050 | 39 | 4000K - 2x2211lm - CRI 92 - 65° |
|     | black |      | 22202532-68 |      |    |                                 |

| DIP SWITCH SETTING       |       |                                 |
|--------------------------|-------|---------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                 |
| I out                    | W tot | K - ølm - CRI - degrees         |
| 700                      | 26    | 3000K - 2x1442lm - CRI 92 - 65° |
| 850                      | 31    | 3000K - 2x1729lm - CRI 92 - 65° |
| 1050                     | 39    | 3000K - 2x2106lm - CRI 92 - 65° |

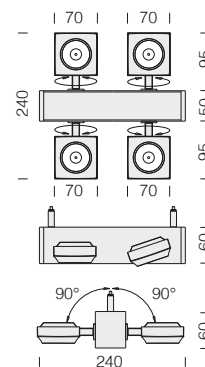
| DIP SWITCH SETTING       |       |                                        |
|--------------------------|-------|----------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                        |
| I out                    | W tot | K - ølm - CRI - degrees                |
| 700                      | 26    | 4000K - 2x1514lm - <b>CRI 92 - 65°</b> |
| 850                      | 31    | 4000K - 2x1816lm - <b>CRI 92 - 65°</b> |
| 1050                     | 39    | 4000K - 2x2211lm - <b>CRI 92 - 65°</b> |

**Upon request: DALI -1241 and -6841 dimmable version.**





IP40 IK07



**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.95.

## Focus SLIM "Drone" 5.0 - DIP SWITCH

|     |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |
|-----|--------|--------|-------------|--------------------------|-------|
| LED | colour | weight | code        | I out                    | W tot |
| COB | white  | 1,50   | 22072110-00 | 610                      | 22    |
|     | black  |        | 22072130-00 |                          |       |
| COB | white  | 1,50   | 22072110-68 | 610                      | 22    |
|     | black  |        | 22072130-68 |                          |       |

|       |       | DIP SWITCH SETTING             |  |
|-------|-------|--------------------------------|--|
| I out | W tot | LUMEN OUTPUT (tq= 25 °C)       |  |
| 490   | 18    | 3000K - 4x548lm - CRI 92 - 22° |  |
| 550   | 20    | 3000K - 4x604lm - CRI 92 - 22° |  |
| 610   | 22    | 3000K - 4x657lm - CRI 92 - 22° |  |

|       |       | DIP SWITCH SETTING             |  |
|-------|-------|--------------------------------|--|
| I out | W tot | LUMEN OUTPUT (tq= 25 °C)       |  |
| 490   | 18    | 4000K - 4x575lm - CRI 92 - 22° |  |
| 550   | 20    | 4000K - 4x635lm - CRI 92 - 22° |  |
| 610   | 22    | 4000K - 4x690lm - CRI 92 - 22° |  |

|     |       |      |             |     |    |                                |
|-----|-------|------|-------------|-----|----|--------------------------------|
| COB | white | 1,50 | 22072111-00 | 610 | 22 | 3000K - 4x644lm - CRI 92 - 37° |
|     | black |      | 22072131-00 |     |    |                                |
| COB | white | 1,50 | 22072111-68 | 610 | 22 | 4000K - 4x676lm - CRI 92 - 37° |
|     | black |      | 22072131-68 |     |    |                                |

|       |       | DIP SWITCH SETTING             |  |
|-------|-------|--------------------------------|--|
| I out | W tot | LUMEN OUTPUT (tq= 25 °C)       |  |
| 490   | 18    | 3000K - 4x537lm - CRI 92 - 37° |  |
| 550   | 20    | 3000K - 4x592lm - CRI 92 - 37° |  |
| 610   | 22    | 3000K - 4x644lm - CRI 92 - 37° |  |

|       |       | DIP SWITCH SETTING             |  |
|-------|-------|--------------------------------|--|
| I out | W tot | LUMEN OUTPUT (tq= 25 °C)       |  |
| 490   | 18    | 4000K - 4x564lm - CRI 92 - 37° |  |
| 550   | 20    | 4000K - 4x622lm - CRI 92 - 37° |  |
| 610   | 22    | 4000K - 4x676lm - CRI 92 - 37° |  |

|     |       |      |             |     |    |                                |
|-----|-------|------|-------------|-----|----|--------------------------------|
| COB | white | 1,50 | 22072112-00 | 610 | 22 | 3000K - 4x637lm - CRI 92 - 55° |
|     | black |      | 22072132-00 |     |    |                                |
| COB | white | 1,50 | 22072112-68 | 610 | 22 | 4000K - 4x669lm - CRI 92 - 55° |
|     | black |      | 22072132-68 |     |    |                                |

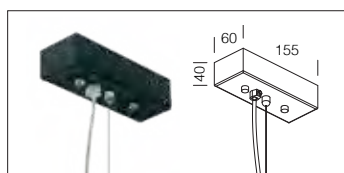
|       |       | DIP SWITCH SETTING             |  |
|-------|-------|--------------------------------|--|
| I out | W tot | LUMEN OUTPUT (tq= 25 °C)       |  |
| 490   | 18    | 3000K - 4x532lm - CRI 92 - 55° |  |
| 550   | 20    | 3000K - 4x586lm - CRI 92 - 55° |  |
| 610   | 22    | 3000K - 4x637lm - CRI 92 - 55° |  |

|       |       | DIP SWITCH SETTING             |  |
|-------|-------|--------------------------------|--|
| I out | W tot | LUMEN OUTPUT (tq= 25 °C)       |  |
| 490   | 18    | 4000K - 4x558lm - CRI 92 - 55° |  |
| 550   | 20    | 4000K - 4x603lm - CRI 92 - 55° |  |
| 610   | 22    | 4000K - 4x669lm - CRI 92 - 55° |  |

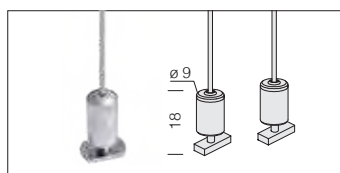
Upon request: DALI -1241 and -6841 dimmable version.



Complete with millimetre adjustment device; suspensions to be purchased separately.

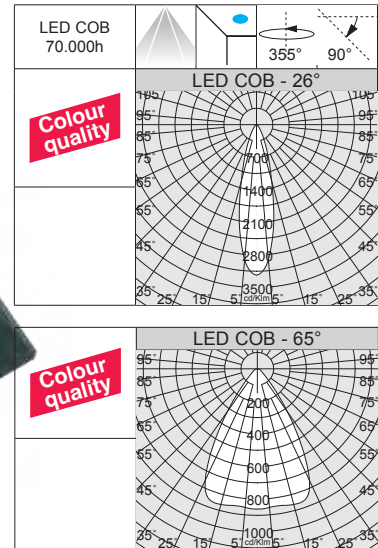
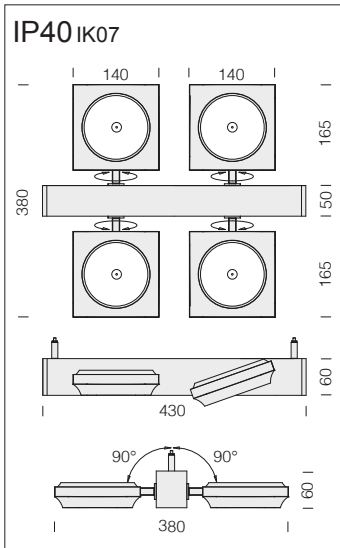


| Powered suspension with wire                                                                           |             |
|--------------------------------------------------------------------------------------------------------|-------------|
| white                                                                                                  | 22003190-00 |
| black                                                                                                  | 22003130-00 |
| Supplied with steel wire (L = 150 cm) and millimetre adjustment device and power cord. Max load: 20Kg. |             |



| Simple suspension                                                                            |             |
|----------------------------------------------------------------------------------------------|-------------|
| galvanised                                                                                   | 22003166-00 |
| Supplied with steel wire (L=150 cm) and millimetre adjustment device (2pcs). Max load: 20Kg. |             |





## Focus SLIM “Drone” 111 - DIP SWITCH

|     |        | CLD    |             |       |       | LUMEN OUTPUT (tq= 25 °C)       |
|-----|--------|--------|-------------|-------|-------|--------------------------------|
| LED | colour | weight | code        | I out | W tot | K - ølm - CRI - degrees        |
| COB | white  | 3,50   | 22072210-00 | 700   | 25    | 3000K - 4x803lm - CRI 92 - 26° |
|     | black  |        | 22072230-00 |       |       |                                |
| COB | white  | 3,50   | 22072210-68 | 700   | 25    | 4000K - 4x845lm - CRI 92 - 26° |
|     | black  |        | 22072230-68 |       |       |                                |

| DIP SWITCH SETTING       |       |                                       |
|--------------------------|-------|---------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                       |
| I out                    | W tot | K - $\phi$ lm - CRI - degrees         |
| 550                      | 20    | 3000K - 4x631lm - <b>CRI 92</b> - 26° |
| 610                      | 22    | 3000K - 4x701lm - <b>CRI 92</b> - 26° |
| 700                      | 25    | 3000K - 4x803lm - <b>CRI 92</b> - 26° |

| DIP SWITCH SETTING       |       |                                       |
|--------------------------|-------|---------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                       |
| I out                    | W tot | K - $\phi$ lm - CRI - degrees         |
| 550                      | 20    | 4000K - 4x663lm - <b>CRI 92</b> - 26° |
| 610                      | 22    | 4000K - 4x737lm - <b>CRI 92</b> - 26° |
| 700                      | 25    | 4000K - 4x845lm - <b>CRI 92</b> - 26° |

| DIP SWITCH SETTING       |       |                                |
|--------------------------|-------|--------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                |
| I out                    | W tot | K - $\phi$ lm - CRI - degrees  |
| 550                      | 20    | 3000K - 4x599lm - CRI 92 - 37° |
| 610                      | 22    | 3000K - 4x666lm - CRI 92 - 37° |
| 700                      | 25    | 3000K - 4x763lm - CRI 92 - 37° |

| DIP SWITCH SETTING       |       |                                       |
|--------------------------|-------|---------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                       |
| I out                    | W tot | K - $\phi$ lm - CRI - degrees         |
| 550                      | 20    | 4000K - 4x630lm - <b>CRI 92</b> - 37° |
| 610                      | 22    | 4000K - 4x700lm - <b>CRI 92</b> - 37° |
| 700                      | 25    | 4000K - 4x803lm - <b>CRI 92</b> - 37° |

| DIP SWITCH SETTING |       |                                       |  |
|--------------------|-------|---------------------------------------|--|
|                    |       | LUMEN OUTPUT (tq= 25 °C)              |  |
| I out              | W tot | K - $\phi$ lm - CRI - degrees         |  |
| 550                | 20    | 3000K - 4x571lm - <b>CRI 92</b> - 65° |  |
| 610                | 22    | 3000K - 4x634lm - <b>CRI 92</b> - 65° |  |
| 700                | 25    | 3000K - 4x727lm - <b>CRI 92</b> - 65° |  |

| DIP SWITCH SETTING       |       |                                       |
|--------------------------|-------|---------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                       |
| I out                    | W tot | K - $\phi$ lm - CRI - degrees         |
| 550                      | 20    | 4000K - 4x600lm - <b>CRI 92</b> - 65° |
| 610                      | 22    | 4000K - 4x667lm - <b>CRI 92</b> - 65° |
| 700                      | 25    | 4000K - 4x836lm - <b>CRI 92</b> - 65° |

|     |       |      |             |     |    |                                |
|-----|-------|------|-------------|-----|----|--------------------------------|
| COB | white | 3,50 | 22072211-00 | 700 | 25 | 3000K - 4x763lm - CRI 92 - 37° |
|     | black |      | 22072231-00 |     |    |                                |
| COB | white | 3,50 | 22072211-68 | 700 | 25 | 4000K - 4x803lm - CRI 92 - 37° |
|     | black |      | 22072231-68 |     |    |                                |

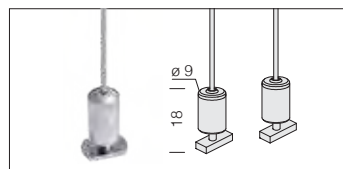
|     |       |      |             |     |    |                                |
|-----|-------|------|-------------|-----|----|--------------------------------|
| COB | white | 3,50 | 22072212-00 | 700 | 25 | 3000K - 4x727lm - CRI 92 - 65° |
|     | black |      | 22072232-00 |     |    |                                |
| COB | white | 3,50 | 22072212-68 | 700 | 25 | 4000K - 4x836lm - CRI 92 - 65° |
|     | black |      | 22072232-68 |     |    |                                |

Upon request: DALI -1241 and -6841 dimmable version.



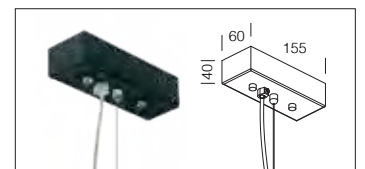
Complete with millimetre adjustment device; suspensions to be purchased separately.

| Simple suspension                                                                            |                      |
|----------------------------------------------------------------------------------------------|----------------------|
| galvanised                                                                                   | 2200 <b>3166</b> -00 |
| Supplied with steel wire (L=150 cm) and millimetre adjustment device (2pcs). Max load: 20Kg. |                      |



| Powered suspension with wire |                      |
|------------------------------|----------------------|
| white                        | 2200 <b>3190</b> -00 |
| black                        | 2200 <b>3130</b> -00 |

Supplied with steel wire (L = 150 cm),  
and millimetre adjustment device and  
power cord. Max load: 20Kg.





**Housing:** in die-cast aluminium.

**Equipment:** supplied with universal adapter in track mounted versions. Complete with electronic power supply unit separated from the LEDs.

**LED:** high-efficiency light sources (**CRI 92**).

Photobiological safety class: exempt group.

**Upon request:** version with CASAMBI automation lighting control system.

For further information see chapter *Technical components*.



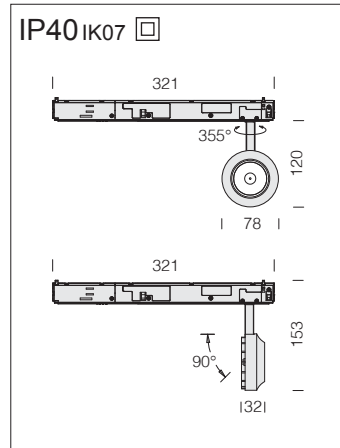
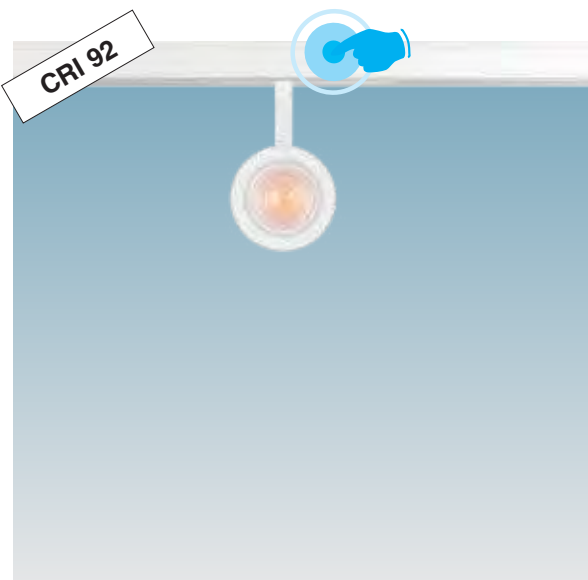
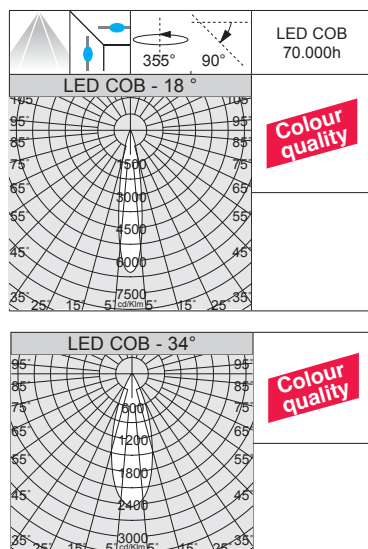


## ADAPT THE CURRENT TO ACHIEVE OPTIMAL LUMINOUS FLUX

**DIP SWITCH SETTING:** the fixture comes with a *DIP SWITCH* driver for **THE SETTING OF THE OUTPUT CURRENT**. In this way you, can **ENSURE THE BEST LUMINOUS FLUX** for any lighting design.

The possibility to choose the correct drive current for LEDs will allow you to have the right power under specific design conditions. Using a lower current will improve the efficiency of fixtures and therefore increase energy savings, whilst a higher current will result in a higher light flux so that you can reduce the number of fixtures.





**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.95.

| Focus SLIM "T" 5.0 - DIP SWITCH - universal concealed adapter |        |             |            |                          |                                      |
|---------------------------------------------------------------|--------|-------------|------------|--------------------------|--------------------------------------|
| LED                                                           |        | CLD         |            | LUMEN OUTPUT (tq= 25 °C) |                                      |
| colour                                                        | weight | code        | I out      | W tot                    | K - ølm - CRI - degrees              |
| <b>COB</b>                                                    | white  | 22106410-00 | <b>350</b> | <b>14</b>                | 3000K - 1332lm - <b>CRI 92</b> - 18° |
|                                                               | black  | 22106430-00 |            |                          |                                      |
| <b>COB</b>                                                    | white  | 22106410-68 | <b>350</b> | <b>14</b>                | 4000K - 1403lm - <b>CRI 92</b> - 18° |
|                                                               | black  | 22106430-68 |            |                          |                                      |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)             |  |
|--------------------|-------|--------------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees              |  |
| 250                | 10    | 3000K - 1001lm - <b>CRI 92</b> - 18° |  |
| 300                | 12    | 3000K - 1170lm - <b>CRI 92</b> - 18° |  |
| 350                | 14    | 3000K - 1332lm - <b>CRI 92</b> - 18° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)             |  |
|--------------------|-------|--------------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees              |  |
| 250                | 10    | 4000K - 1054lm - <b>CRI 92</b> - 18° |  |
| 300                | 12    | 4000K - 1232lm - <b>CRI 92</b> - 18° |  |
| 350                | 14    | 4000K - 1403lm - <b>CRI 92</b> - 18° |  |

|            |       |      |             |            |           |                                      |
|------------|-------|------|-------------|------------|-----------|--------------------------------------|
| <b>COB</b> | white | 0,30 | 22106411-00 | <b>350</b> | <b>14</b> | 3000K - 1297lm - <b>CRI 92</b> - 34° |
|            | black |      | 22106431-00 |            |           |                                      |
| <b>COB</b> | white | 0,30 | 22106411-68 | <b>350</b> | <b>14</b> | 4000K - 1365lm - <b>CRI 92</b> - 34° |
|            | black |      | 22106431-68 |            |           |                                      |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)             |  |
|--------------------|-------|--------------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees              |  |
| 250                | 10    | 3000K - 974lm - <b>CRI 92</b> - 34°  |  |
| 300                | 12    | 3000K - 1139lm - <b>CRI 92</b> - 34° |  |
| 350                | 14    | 3000K - 1297lm - <b>CRI 92</b> - 34° |  |

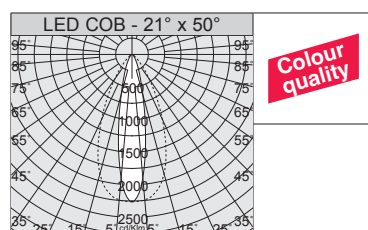
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)             |  |
|--------------------|-------|--------------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees              |  |
| 250                | 10    | 4000K - 1026lm - <b>CRI 92</b> - 34° |  |
| 300                | 12    | 4000K - 1199lm - <b>CRI 92</b> - 34° |  |
| 350                | 14    | 4000K - 1365lm - <b>CRI 92</b> - 34° |  |

|            |       |      |             |            |           |                                      |
|------------|-------|------|-------------|------------|-----------|--------------------------------------|
| <b>COB</b> | white | 0,30 | 22106412-00 | <b>350</b> | <b>14</b> | 3000K - 1405lm - <b>CRI 92</b> - 58° |
|            | black |      | 22106432-00 |            |           |                                      |
| <b>COB</b> | white | 0,30 | 22106412-68 | <b>350</b> | <b>14</b> | 4000K - 1479lm - <b>CRI 92</b> - 58° |
|            | black |      | 22106432-68 |            |           |                                      |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)             |  |
|--------------------|-------|--------------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees              |  |
| 250                | 10    | 3000K - 1056lm - <b>CRI 92</b> - 58° |  |
| 300                | 12    | 3000K - 1234lm - <b>CRI 92</b> - 58° |  |
| 350                | 14    | 3000K - 1405lm - <b>CRI 92</b> - 58° |  |

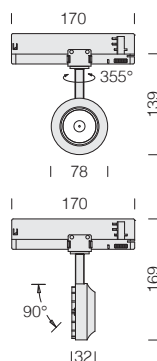
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)             |  |
|--------------------|-------|--------------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees              |  |
| 250                | 10    | 4000K - 1111lm - <b>CRI 92</b> - 58° |  |
| 300                | 12    | 4000K - 1299lm - <b>CRI 92</b> - 58° |  |
| 350                | 14    | 4000K - 1479lm - <b>CRI 92</b> - 58° |  |

Upon request: DALI dimmable version -1241 and -6841 to be used with OMNITRACK PLUS track-mounted system.

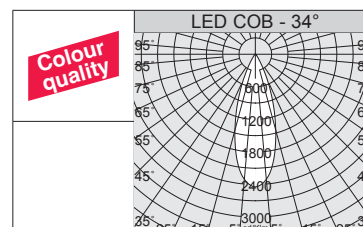
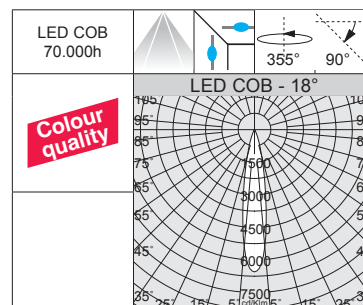
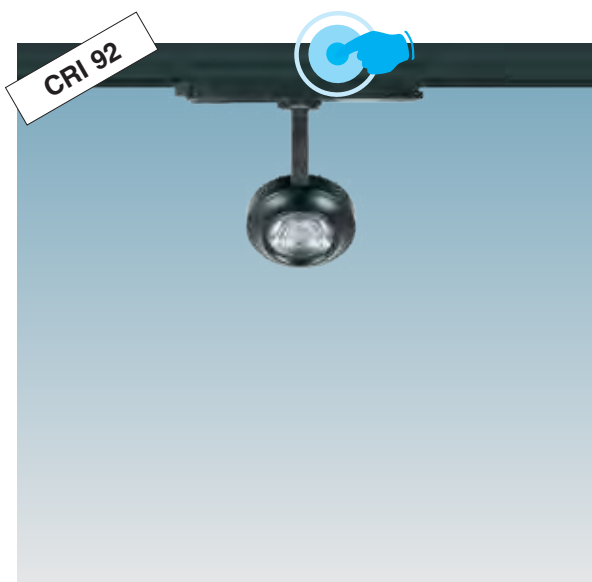


Upon request: 21° x 50° ELLIPTICAL version.

IP40 IK07



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.



## Focus SLIM "T" 5.0 - DIP SWITCH - universal adapter

| LED | colour | weight | CLD         |  | I out | W tot | LUMEN OUTPUT (tq= 25 °C)      |  |
|-----|--------|--------|-------------|--|-------|-------|-------------------------------|--|
|     |        |        | code        |  |       |       | K - ølm - CRI - degrees       |  |
| COB | white  | 0,30   | 22106510-00 |  | 350   | 14    | 3000K - 1332lm - CRI 92 - 18° |  |
|     | black  |        | 22106530-00 |  |       |       |                               |  |
| COB | white  | 0,30   | 22106510-68 |  | 350   | 14    | 4000K - 1403lm - CRI 92 - 18° |  |
|     | black  |        | 22106530-68 |  |       |       |                               |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 3000K - 1001lm - CRI 92 - 18° |  |
| 300                | 12    | 3000K - 1170lm - CRI 92 - 18° |  |
| 350                | 14    | 3000K - 1332lm - CRI 92 - 18° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 4000K - 1054lm - CRI 92 - 18° |  |
| 300                | 12    | 4000K - 1232lm - CRI 92 - 18° |  |
| 350                | 14    | 4000K - 1403lm - CRI 92 - 18° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 3000K - 974lm - CRI 92 - 34°  |  |
| 300                | 12    | 3000K - 1139lm - CRI 92 - 34° |  |
| 350                | 14    | 3000K - 1297lm - CRI 92 - 34° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 4000K - 1026lm - CRI 92 - 34° |  |
| 300                | 12    | 4000K - 1199lm - CRI 92 - 34° |  |
| 350                | 14    | 4000K - 1365lm - CRI 92 - 34° |  |

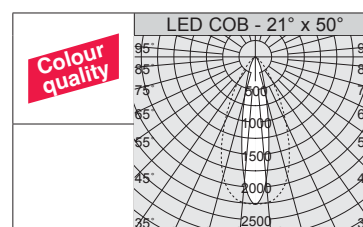
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 3000K - 1056lm - CRI 92 - 58° |  |
| 300                | 12    | 3000K - 1234lm - CRI 92 - 58° |  |
| 350                | 14    | 3000K - 1405lm - CRI 92 - 58° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 4000K - 1111lm - CRI 92 - 58° |  |
| 300                | 12    | 4000K - 1299lm - CRI 92 - 58° |  |
| 350                | 14    | 4000K - 1479lm - CRI 92 - 58° |  |

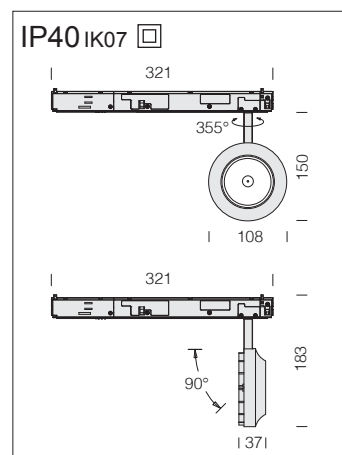
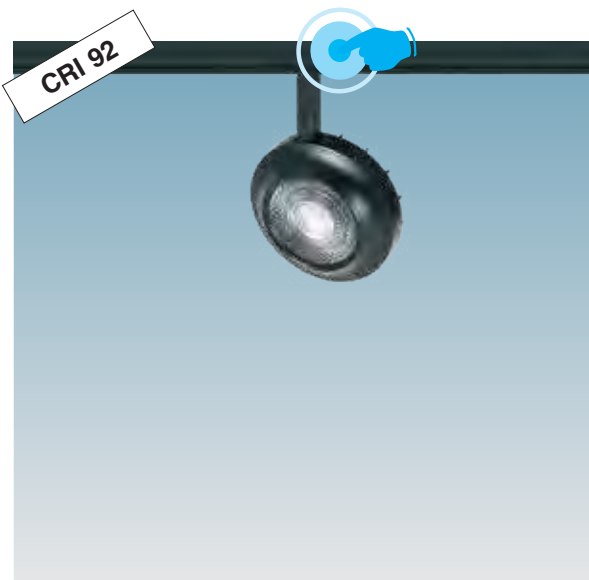
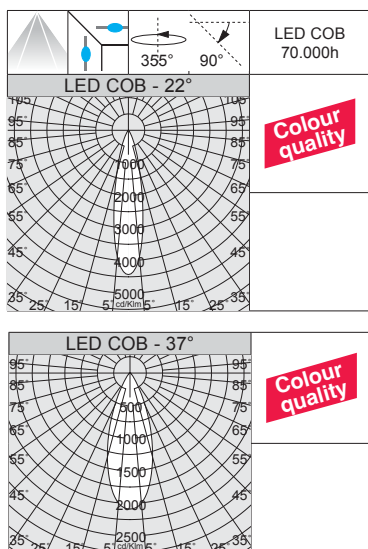
|     |       |      |             |  |     |    |                               |  |
|-----|-------|------|-------------|--|-----|----|-------------------------------|--|
| COB | white | 0,30 | 22106511-00 |  | 350 | 14 | 3000K - 1297lm - CRI 92 - 34° |  |
|     | black |      | 22106531-00 |  |     |    |                               |  |
| COB | white | 0,30 | 22106511-68 |  | 350 | 14 | 4000K - 1365lm - CRI 92 - 34° |  |
|     | black |      | 22106531-68 |  |     |    |                               |  |

|     |       |      |             |  |     |    |                               |  |
|-----|-------|------|-------------|--|-----|----|-------------------------------|--|
| COB | white | 0,30 | 22106512-00 |  | 350 | 14 | 3000K - 1405lm - CRI 92 - 58° |  |
|     | black |      | 22106532-00 |  |     |    |                               |  |
| COB | white | 0,30 | 22106512-68 |  | 350 | 14 | 4000K - 1479lm - CRI 92 - 58° |  |
|     | black |      | 22106532-68 |  |     |    |                               |  |

Upon request: DALI -1241 and -6841 dimmable version to be used with OMNITRACK PLUS track-mounted system.



Upon request: 21° x 50° ELLIPTICAL version.



**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.95.

| Focus SLIM "T" 7.0 - DIP SWITCH - universal concealed adapter |        |        |             |                          |       |
|---------------------------------------------------------------|--------|--------|-------------|--------------------------|-------|
| LED                                                           | colour | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |
|                                                               |        | weight | code        | I out                    | W tot |
| COB                                                           | white  | 0,40   | 22106610-00 | 600                      | 23    |
|                                                               | black  |        | 22106630-00 |                          |       |
| COB                                                           | white  | 0,40   | 22106610-68 | 600                      | 23    |
|                                                               | black  |        | 22106630-68 |                          |       |

| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 500                | 19    | 3000K - 1988lm - CRI 92 - 22° |
| 550                | 21    | 3000K - 2166lm - CRI 92 - 22° |
| 600                | 23    | 3000K - 2332lm - CRI 92 - 22° |

| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 500                | 19    | 4000K - 2092lm - CRI 92 - 22° |
| 550                | 21    | 4000K - 2280lm - CRI 92 - 22° |
| 600                | 23    | 4000K - 2455lm - CRI 92 - 22° |

|     |       |      |             |     |    |                               |
|-----|-------|------|-------------|-----|----|-------------------------------|
| COB | white | 0,40 | 22106611-00 | 600 | 23 | 3000K - 2277lm - CRI 92 - 37° |
|     | black |      | 22106631-00 |     |    |                               |
| COB | white | 0,40 | 22106611-68 | 600 | 23 | 4000K - 2397lm - CRI 92 - 37° |
|     | black |      | 22106631-68 |     |    |                               |

| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 500                | 19    | 3000K - 1941lm - CRI 92 - 37° |
| 550                | 21    | 3000K - 2115lm - CRI 92 - 37° |
| 600                | 23    | 3000K - 2277lm - CRI 92 - 37° |

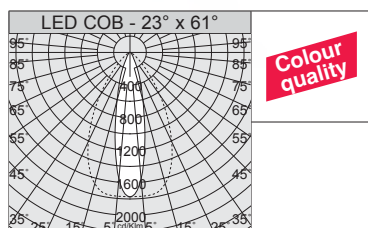
| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 500                | 19    | 4000K - 2043lm - CRI 92 - 37° |
| 550                | 21    | 4000K - 2226lm - CRI 92 - 37° |
| 600                | 23    | 4000K - 2397lm - CRI 92 - 37° |

|     |       |      |             |     |    |                               |
|-----|-------|------|-------------|-----|----|-------------------------------|
| COB | white | 0,40 | 22106612-00 | 600 | 23 | 3000K - 2267lm - CRI 92 - 55° |
|     | black |      | 22106632-00 |     |    |                               |
| COB | white | 0,40 | 22106612-68 | 600 | 23 | 4000K - 2386lm - CRI 92 - 55° |
|     | black |      | 22106632-68 |     |    |                               |

| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 500                | 19    | 3000K - 1932lm - CRI 92 - 55° |
| 550                | 21    | 3000K - 2105lm - CRI 92 - 55° |
| 600                | 23    | 3000K - 2267lm - CRI 92 - 55° |

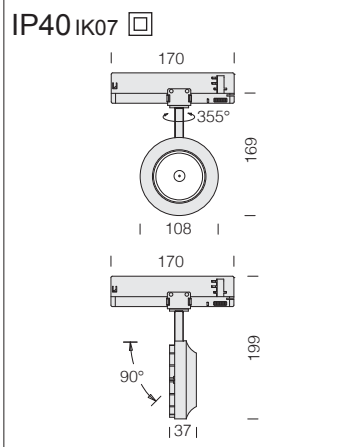
| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 500                | 19    | 4000K - 2034lm - CRI 92 - 55° |
| 550                | 21    | 4000K - 2216lm - CRI 92 - 55° |
| 600                | 23    | 4000K - 2386lm - CRI 92 - 55° |

Version complete with concealed adapter (upon request **DALI -1241** and **-6841** dimmable version max. 500mA) to be used only with **OMNITRACK PLUS** track-mounted system.

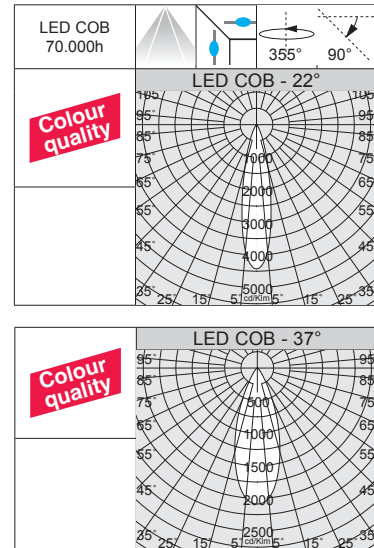
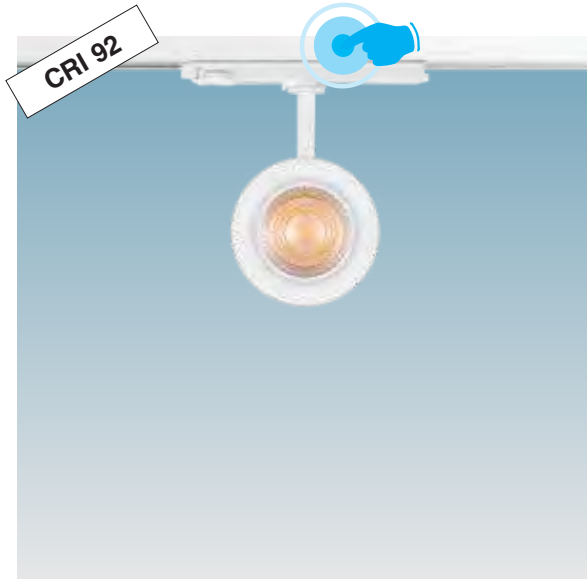


Upon request: 23° x 61° ELLIPTICAL version.





**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.



### Focus SLIM "T" 7.0 - DIP SWITCH - universal adapter

| LED | colour | weight | code        | I out | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|-----|--------|--------|-------------|-------|-------|-------------------------------|
|     |        |        |             |       |       | K - ølm - CRI - degrees       |
| COB | white  | 0,40   | 22106710-00 | 600   | 23    | 3000K - 2332lm - CRI 92 - 22° |
|     | black  |        | 22106730-00 |       |       |                               |
| COB | white  | 0,40   | 22106710-68 | 600   | 23    | 4000K - 2455lm - CRI 92 - 22° |
|     | black  |        | 22106730-68 |       |       |                               |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 500                | 19    | 3000K - 1988lm - CRI 92 - 22° |  |
| 550                | 21    | 3000K - 2166lm - CRI 92 - 22° |  |
| 600                | 23    | 3000K - 2332lm - CRI 92 - 22° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 500                | 19    | 4000K - 2092lm - CRI 92 - 22° |  |
| 550                | 21    | 4000K - 2280lm - CRI 92 - 22° |  |
| 600                | 23    | 4000K - 2455lm - CRI 92 - 22° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 500                | 19    | 3000K - 1941lm - CRI 92 - 37° |  |
| 550                | 21    | 3000K - 2115lm - CRI 92 - 37° |  |
| 600                | 23    | 3000K - 2277lm - CRI 92 - 37° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 500                | 19    | 4000K - 2043lm - CRI 92 - 37° |  |
| 550                | 21    | 4000K - 2226lm - CRI 92 - 37° |  |
| 600                | 23    | 4000K - 2397lm - CRI 92 - 37° |  |

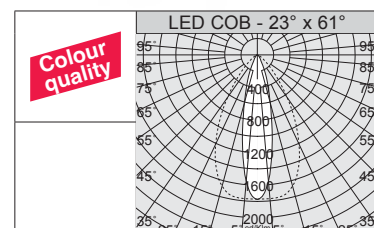
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 500                | 19    | 3000K - 1932lm - CRI 92 - 55° |  |
| 550                | 21    | 3000K - 2105lm - CRI 92 - 55° |  |
| 600                | 23    | 3000K - 2267lm - CRI 92 - 55° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 500                | 19    | 4000K - 2034lm - CRI 92 - 55° |  |
| 550                | 21    | 4000K - 2216lm - CRI 92 - 55° |  |
| 600                | 23    | 4000K - 2386lm - CRI 92 - 55° |  |

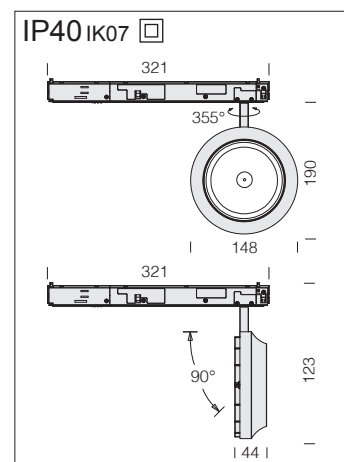
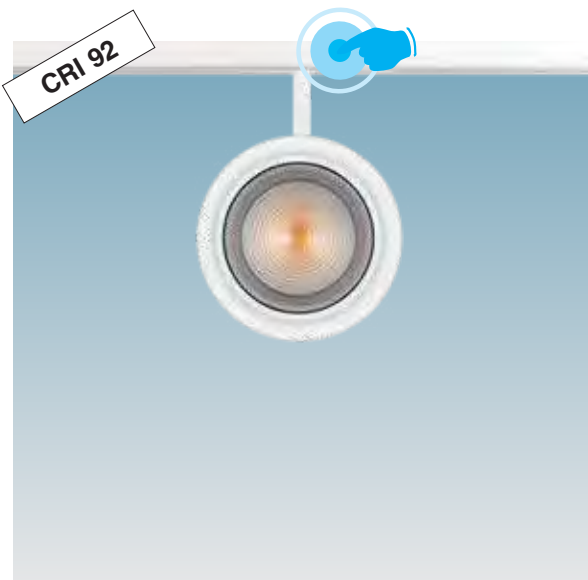
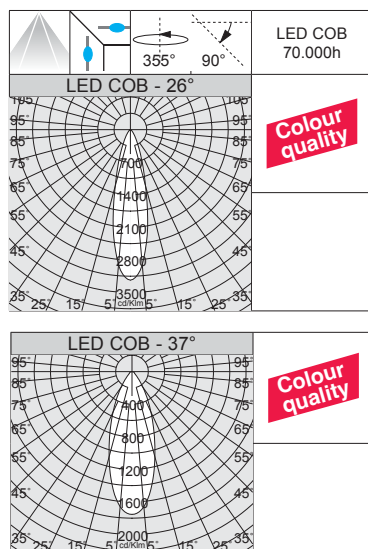
|     |       |      |             |     |    |                               |
|-----|-------|------|-------------|-----|----|-------------------------------|
| COB | white | 0,40 | 22106711-00 | 600 | 23 | 3000K - 2277lm - CRI 92 - 37° |
|     | black |      | 22106731-00 |     |    |                               |
| COB | white | 0,40 | 22106711-68 | 600 | 23 | 4000K - 2397lm - CRI 92 - 37° |
|     | black |      | 22106731-68 |     |    |                               |

|     |       |      |             |     |    |                               |
|-----|-------|------|-------------|-----|----|-------------------------------|
| COB | white | 0,40 | 22106712-00 | 600 | 23 | 3000K - 2267lm - CRI 92 - 55° |
|     | black |      | 22106732-00 |     |    |                               |
| COB | white | 0,40 | 22106712-68 | 600 | 23 | 4000K - 2386lm - CRI 92 - 55° |
|     | black |      | 22106732-68 |     |    |                               |

Upon request: DALI -1241 and -6841 dimmable version to be used with OMNITRACK PLUS track-mounted system.



Upon request: 23° x 61° ELLIPTICAL version.



**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.95.

| Focus SLIM "T" 111 - DIP SWITCH - universal concealed adapter |        |        |             |       |                          |
|---------------------------------------------------------------|--------|--------|-------------|-------|--------------------------|
| LED                                                           | colour | weight | CLD         |       | LUMEN OUTPUT (tq= 25 °C) |
|                                                               |        |        | code        | I out |                          |
| COB                                                           | white  | 0,70   | 22106810-00 | 700   | 26                       |
|                                                               | black  |        | 22106830-00 |       |                          |
| COB                                                           | white  | 0,70   | 22106810-68 | 700   | 26                       |
|                                                               | black  |        | 22106830-68 |       |                          |

| DIP SWITCH SETTING       |       |                                      |
|--------------------------|-------|--------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                      |
| I out                    | W tot | K - ølm - CRI - degrees              |
| 500                      | 18    | 3000K - 2272lm - <b>CRI 92</b> - 26° |
| 600                      | 22    | 3000K - 2696lm - <b>CRI 92</b> - 26° |
| 700                      | 26    | 3000K - 3085lm - <b>CRI 92</b> - 26° |

| DIP SWITCH SETTING       |       |                                      |
|--------------------------|-------|--------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                      |
| I out                    | W tot | K - ølm - CRI - degrees              |
| 500                      | 18    | 4000K - 2391lm - <b>CRI 92</b> - 26° |
| 600                      | 22    | 4000K - 2838lm - <b>CRI 92</b> - 26° |
| 700                      | 26    | 4000K - 3284lm - <b>CRI 92</b> - 26° |

|     |       |      |             |     |    |                                      |
|-----|-------|------|-------------|-----|----|--------------------------------------|
| COB | white | 0,70 | 22106811-00 | 700 | 26 | 3000K - 2938lm - <b>CRI 92</b> - 37° |
|     | black |      | 22106831-00 |     |    |                                      |
| COB | white | 0,70 | 22106811-68 | 700 | 26 | 4000K - 3093lm - <b>CRI 92</b> - 37° |
|     | black |      | 22106831-68 |     |    |                                      |

| DIP SWITCH SETTING       |       |                                      |
|--------------------------|-------|--------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                      |
| I out                    | W tot | K - ølm - CRI - degrees              |
| 500                      | 18    | 3000K - 2164lm - <b>CRI 92</b> - 37° |
| 600                      | 22    | 3000K - 2568lm - <b>CRI 92</b> - 37° |
| 700                      | 26    | 3000K - 2938lm - <b>CRI 92</b> - 37° |

| DIP SWITCH SETTING       |       |                                      |
|--------------------------|-------|--------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                      |
| I out                    | W tot | K - ølm - CRI - degrees              |
| 500                      | 18    | 4000K - 2277lm - <b>CRI 92</b> - 37° |
| 600                      | 22    | 4000K - 2703lm - <b>CRI 92</b> - 37° |
| 700                      | 26    | 4000K - 3093lm - <b>CRI 92</b> - 37° |

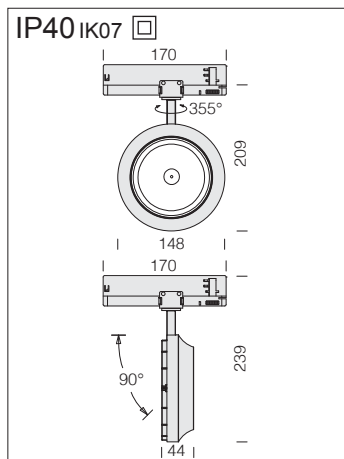
|     |       |      |             |     |    |                                      |
|-----|-------|------|-------------|-----|----|--------------------------------------|
| COB | white | 0,70 | 22106812-00 | 700 | 26 | 3000K - 2791lm - <b>CRI 92</b> - 65° |
|     | black |      | 22106832-00 |     |    |                                      |
| COB | white | 0,70 | 22106812-68 | 700 | 26 | 4000K - 2938lm - <b>CRI 92</b> - 65° |
|     | black |      | 22106832-68 |     |    |                                      |

| DIP SWITCH SETTING       |       |                                      |
|--------------------------|-------|--------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                      |
| I out                    | W tot | K - ølm - CRI - degrees              |
| 500                      | 18    | 3000K - 2056lm - <b>CRI 92</b> - 65° |
| 600                      | 22    | 3000K - 2440lm - <b>CRI 92</b> - 65° |
| 700                      | 26    | 3000K - 2791lm - <b>CRI 92</b> - 65° |

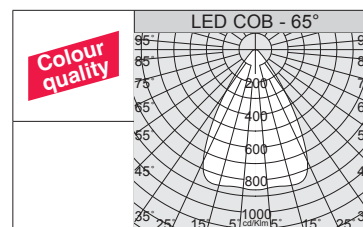
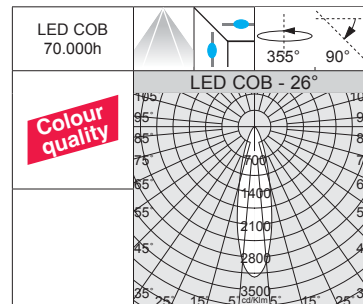
| DIP SWITCH SETTING       |       |                                      |
|--------------------------|-------|--------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                      |
| I out                    | W tot | K - ølm - CRI - degrees              |
| 500                      | 18    | 4000K - 2163lm - <b>CRI 92</b> - 65° |
| 600                      | 22    | 4000K - 2568lm - <b>CRI 92</b> - 65° |
| 700                      | 26    | 4000K - 2938lm - <b>CRI 92</b> - 65° |

Version complete with concealed adapter (upon request **DALI-1241** and **-6841** dimmable version max. 500mA) to be used only with **OMNITRACK PLUS** track-mounted system.





**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.



### Focus SLIM "T" 111 - DIP SWITCH - universal adapter

| LED | colour | weight | CLD         |  | I out | W tot | LUMEN OUTPUT (tq= 25 °C)      |  |
|-----|--------|--------|-------------|--|-------|-------|-------------------------------|--|
|     |        |        | code        |  |       |       | K - ølm - CRI - degrees       |  |
| COB | white  | 0,70   | 22106910-00 |  | 700   | 26    | 3000K - 3085lm - CRI 92 - 26° |  |
|     | black  |        | 22106930-00 |  |       |       | 3000K - 3085lm - CRI 92 - 26° |  |
| COB | white  | 0,70   | 22106910-68 |  | 700   | 26    | 4000K - 3284lm - CRI 92 - 26° |  |
|     | black  |        | 22106930-68 |  |       |       | 4000K - 3284lm - CRI 92 - 26° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 650                | 24    | 3000K - 2750lm - CRI 92 - 26° |  |
| 700                | 26    | 3000K - 3085lm - CRI 92 - 26° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 600                | 24    | 4000K - 2900lm - CRI 92 - 26° |  |
| 700                | 26    | 4000K - 3284lm - CRI 92 - 26° |  |

|     |       |      |             |  |     |    |                               |  |
|-----|-------|------|-------------|--|-----|----|-------------------------------|--|
| COB | white | 0,70 | 22106911-00 |  | 700 | 26 | 3000K - 2938lm - CRI 92 - 37° |  |
|     | black |      | 22106931-00 |  |     |    | 3000K - 2938lm - CRI 92 - 37° |  |
| COB | white | 0,70 | 22106911-68 |  | 700 | 26 | 4000K - 3093lm - CRI 92 - 37° |  |
|     | black |      | 22106931-68 |  |     |    | 4000K - 3093lm - CRI 92 - 37° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 650                | 24    | 3000K - 2614lm - CRI 92 - 37° |  |
| 700                | 26    | 3000K - 2938lm - CRI 92 - 37° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 650                | 24    | 4000K - 2752lm - CRI 92 - 37° |  |
| 700                | 26    | 4000K - 3093lm - CRI 92 - 37° |  |

|     |       |      |             |  |     |    |                               |  |
|-----|-------|------|-------------|--|-----|----|-------------------------------|--|
| COB | white | 0,70 | 22106912-00 |  | 700 | 26 | 3000K - 2791lm - CRI 92 - 65° |  |
|     | black |      | 22106932-00 |  |     |    | 3000K - 2791lm - CRI 92 - 65° |  |
| COB | white | 0,70 | 22106912-68 |  | 700 | 26 | 4000K - 2938lm - CRI 92 - 65° |  |
|     | black |      | 22106932-68 |  |     |    | 4000K - 2938lm - CRI 92 - 65° |  |

Upon request: DALI -1241 and -6841 dimmable version to be used with OMNITRACK PLUS track-mounted system.

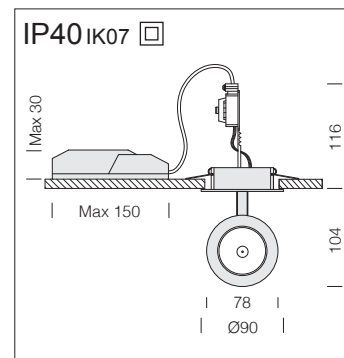
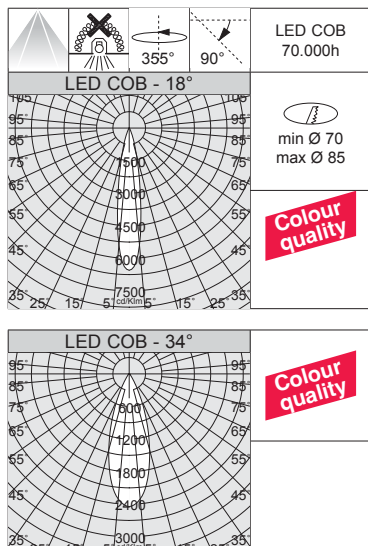
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 650                | 24    | 3000K - 2483lm - CRI 92 - 65° |  |
| 700                | 26    | 3000K - 2791lm - CRI 92 - 65° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 650                | 24    | 4000K - 2614lm - CRI 92 - 65° |  |
| 700                | 26    | 4000K - 2938lm - CRI 92 - 65° |  |







**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.95.

| Focus SLIM "T" 5.0 - DIP SWITCH - recessed |        |        |             |                          |       |
|--------------------------------------------|--------|--------|-------------|--------------------------|-------|
|                                            |        | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |
| LED                                        | colour | weight | code        | I out                    | W tot |
| COB                                        | white  | 0,30   | 22109610-00 | 350                      | 14    |
|                                            | black  |        | 22109630-00 |                          |       |
| COB                                        | white  | 0,30   | 22109610-68 | 350                      | 14    |
|                                            | black  |        | 22109630-68 |                          |       |

| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 250                | 10    | 3000K - 1001lm - CRI 92 - 18° |
| 300                | 12    | 3000K - 1170lm - CRI 92 - 18° |
| 350                | 14    | 3000K - 1332lm - CRI 92 - 18° |

| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 250                | 10    | 4000K - 1054lm - CRI 92 - 18° |
| 300                | 12    | 4000K - 1232lm - CRI 92 - 18° |
| 350                | 14    | 4000K - 1403lm - CRI 92 - 18° |

|     |       |      |             |     |    |                               |
|-----|-------|------|-------------|-----|----|-------------------------------|
| COB | white | 0,30 | 22109611-00 | 350 | 14 | 3000K - 1297lm - CRI 92 - 34° |
|     | black |      | 22109631-00 |     |    |                               |
| COB | white | 0,30 | 22109611-68 | 350 | 14 | 4000K - 1365lm - CRI 92 - 34° |
|     | black |      | 22109631-68 |     |    |                               |

| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 250                | 10    | 3000K - 974lm - CRI 92 - 34°  |
| 300                | 12    | 3000K - 1139lm - CRI 92 - 34° |
| 350                | 14    | 3000K - 1297lm - CRI 92 - 34° |

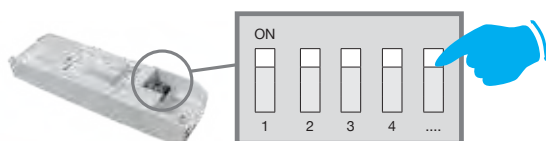
| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 250                | 10    | 4000K - 1026lm - CRI 92 - 34° |
| 300                | 12    | 4000K - 1199lm - CRI 92 - 34° |
| 350                | 14    | 4000K - 1365lm - CRI 92 - 34° |

|     |       |      |             |     |    |                               |
|-----|-------|------|-------------|-----|----|-------------------------------|
| COB | white | 0,30 | 22109612-00 | 350 | 14 | 3000K - 1405lm - CRI 92 - 58° |
|     | black |      | 22109632-00 |     |    |                               |
| COB | white | 0,30 | 22109612-68 | 350 | 14 | 4000K - 1479lm - CRI 92 - 58° |
|     | black |      | 22109632-68 |     |    |                               |

| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 250                | 10    | 3000K - 1056lm - CRI 92 - 58° |
| 300                | 12    | 3000K - 1234lm - CRI 92 - 58° |
| 350                | 14    | 3000K - 1405lm - CRI 92 - 58° |

| DIP SWITCH SETTING |       |                               |
|--------------------|-------|-------------------------------|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| 250                | 10    | 4000K - 1111lm - CRI 92 - 58° |
| 300                | 12    | 4000K - 1299lm - CRI 92 - 58° |
| 350                | 14    | 4000K - 1479lm - CRI 92 - 58° |

Upon request: DALI -1241 and -6841 dimmable version.

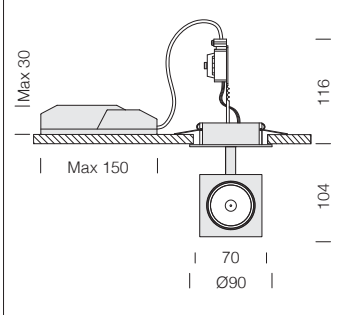


**ADAPT THE CURRENT TO ACHIEVE OPTIMAL LUMINOUS FLUX**

**DIP SWITCH SETTING:** the fixture comes with a *DIP SWITCH* driver for **THE SETTING OF THE OUTPUT CURRENT**. In this way you, can **ENSURE THE BEST LUMINOUS FLUX** for any lighting design.

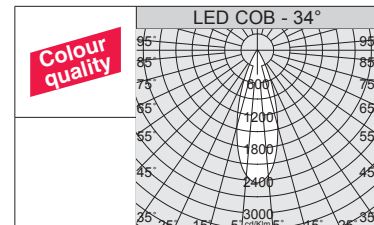
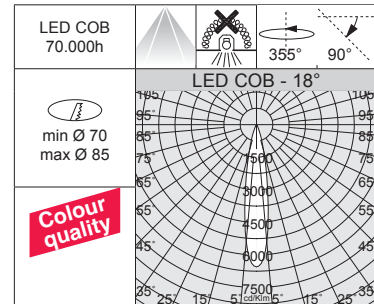
The possibility to choose the correct drive current for LEDs will allow you to have the right power under specific design conditions. Using a lower current will improve the efficiency of fixtures and therefore increase energy savings, whilst a higher current will result in a higher light flux so that you can reduce the number of fixtures.

IP40 IK07



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.

CRI 92



## Focus SLIM "Q" 5.0 - DIP SWITCH - recessed

| LED | colour | weight | CLD         |  | I out | W tot | LUMEN OUTPUT (tq= 25 °C)<br>K - ølm - CRI - degrees |
|-----|--------|--------|-------------|--|-------|-------|-----------------------------------------------------|
|     |        |        | code        |  |       |       |                                                     |
| COB | white  | 0,30   | 22109710-00 |  | 350   | 14    | 3000K - 1332lm - CRI 92 - 18°                       |
|     | black  |        | 22109730-00 |  |       |       |                                                     |
| COB | white  | 0,30   | 22109710-68 |  | 350   | 14    | 4000K - 1403lm - CRI 92 - 18°                       |
|     | black  |        | 22109730-68 |  |       |       |                                                     |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 3000K - 1001lm - CRI 92 - 18° |  |
| 300                | 12    | 3000K - 1170lm - CRI 92 - 18° |  |
| 350                | 14    | 3000K - 1332lm - CRI 92 - 18° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 4000K - 1054lm - CRI 92 - 18° |  |
| 300                | 12    | 4000K - 1232lm - CRI 92 - 18° |  |
| 350                | 14    | 4000K - 1403lm - CRI 92 - 18° |  |

|     |       |      |             |  |     |    |                               |
|-----|-------|------|-------------|--|-----|----|-------------------------------|
| COB | white | 0,30 | 22109711-00 |  | 350 | 14 | 3000K - 1297lm - CRI 92 - 34° |
|     | black |      | 22109731-00 |  |     |    |                               |
| COB | white | 0,30 | 22109711-68 |  | 350 | 14 | 4000K - 1365lm - CRI 92 - 34° |
|     | black |      | 22109731-68 |  |     |    |                               |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 3000K - 974lm - CRI 92 - 34°  |  |
| 300                | 12    | 3000K - 1139lm - CRI 92 - 34° |  |
| 350                | 14    | 3000K - 1297lm - CRI 92 - 34° |  |

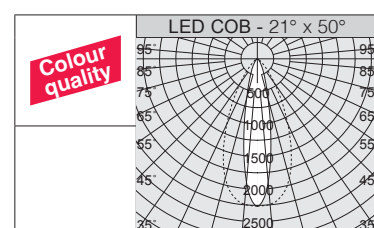
| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 4000K - 1026lm - CRI 92 - 34° |  |
| 300                | 12    | 4000K - 1199lm - CRI 92 - 34° |  |
| 350                | 14    | 4000K - 1365lm - CRI 92 - 34° |  |

|     |       |      |             |  |     |    |                               |
|-----|-------|------|-------------|--|-----|----|-------------------------------|
| COB | white | 0,30 | 22109712-00 |  | 350 | 14 | 3000K - 1405lm - CRI 92 - 58° |
|     | black |      | 22109732-00 |  |     |    |                               |
| COB | white | 0,30 | 22109712-68 |  | 350 | 14 | 4000K - 1479lm - CRI 92 - 58° |
|     | black |      | 22109732-68 |  |     |    |                               |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 3000K - 1056lm - CRI 92 - 58° |  |
| 300                | 12    | 3000K - 1234lm - CRI 92 - 58° |  |
| 350                | 14    | 3000K - 1405lm - CRI 92 - 58° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 4000K - 1111lm - CRI 92 - 58° |  |
| 300                | 12    | 4000K - 1299lm - CRI 92 - 58° |  |
| 350                | 14    | 4000K - 1479lm - CRI 92 - 58° |  |

Upon request: DALI -1241 and -6841 dimmable version.



Upon request: 21° x 50° ELLIPTICAL version.



The primary goal of indoor lighting is to enhance visual wellbeing, aesthetic quality and energy savings. The new LED sources allow high luminance levels and excellent colour rendering. The new Asso spotlights are perfect for all spaces where the rendering of reflexes, transparencies, whites and colours is important.

**Housing:** in die-cast aluminium.

**Reflector:** in polished aluminium, high efficiency and anti-glare.

**Standard supply:** supplied with universal adapter.

**Coating:** power-coated with a UV-resistant polyester epoxy paint.

**LED:** high-efficiency light sources (**CRI>90**).

Luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.95.

Photobiological safety class: exempt group.

**Upon request:** version with CASAMBI automation lighting control system.

For further information see chapter *Technical components*.

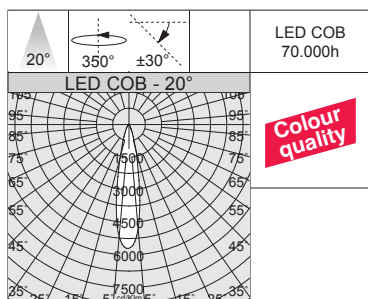
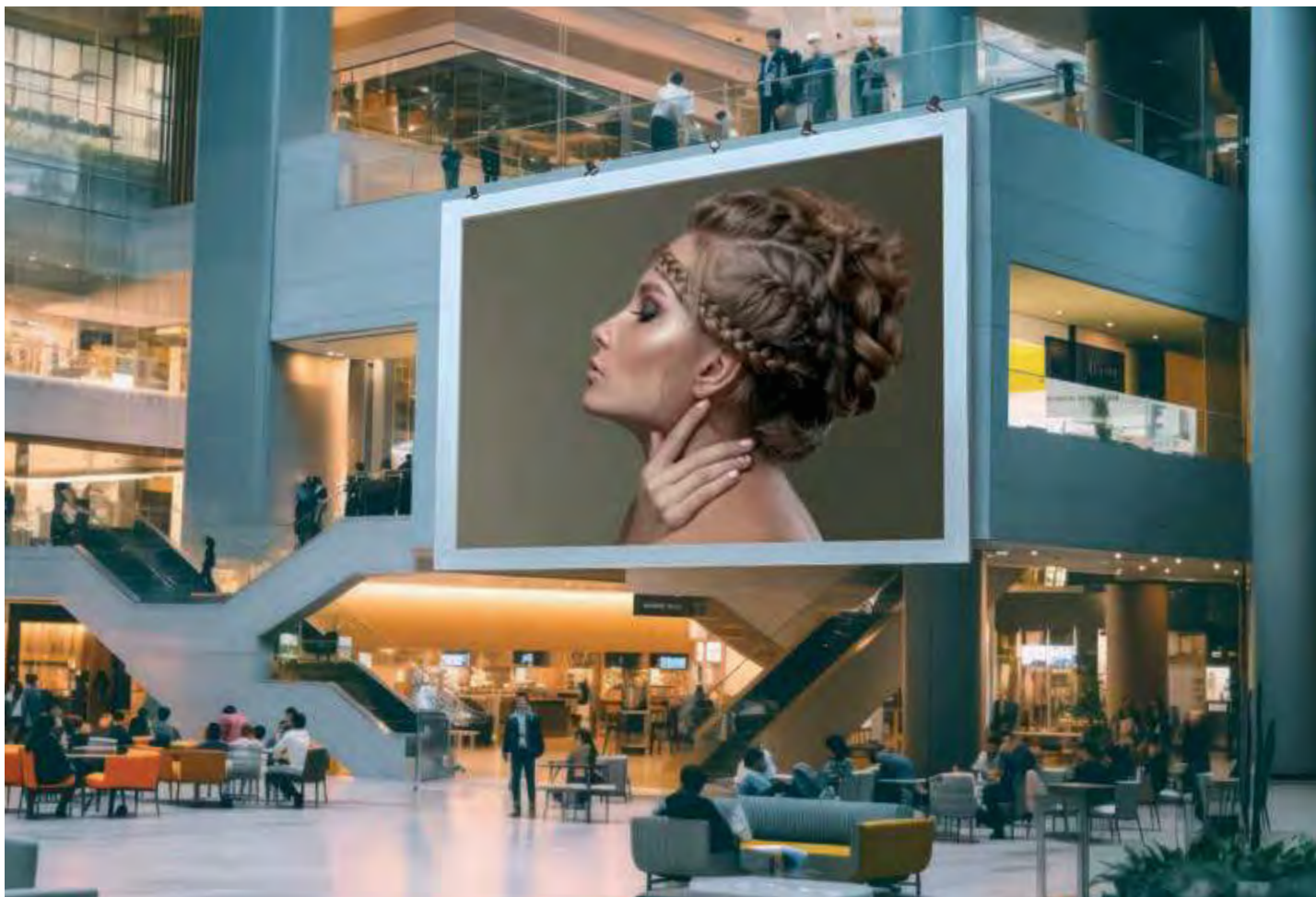




## ADAPT THE CURRENT TO ACHIEVE OPTIMAL LUMINOUS FLUX

**DIP SWITCH SETTING:** the fixture comes with a *DIP SWITCH* driver for **THE SETTING OF THE OUTPUT CURRENT**. In this way you, can **ENSURE THE BEST LUMINOUS FLUX** for any lighting design.

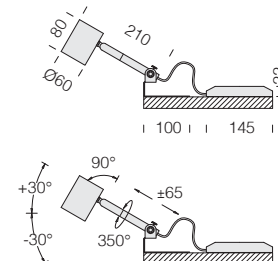
The possibility to choose the correct drive current for LEDs will allow you to have the right power under specific design conditions. Using a lower current will improve the efficiency of fixtures and therefore increase energy savings, whilst a higher current will result in a higher light flux so that you can reduce the number of fixtures.



Colour  
quality



IP20 IK07



**Lens:** in PMMA with high efficiency output and very low glare rate.

**Standard supply:** supplied with adjustable tiges and fixing bracket.

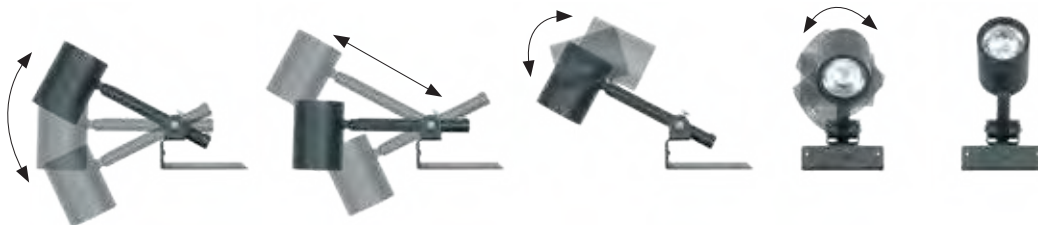
**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.9.

#### Asso "B" small - with tiges

| LED | colour | weight | CLD         | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|-----|--------|--------|-------------|-------|-------------------------------|
|     |        |        | code        |       | K - ølm - CRI - degrees       |
| COB | white  | 0,40   | 22244010-00 | 14    | 3000K - 1408lm - CRI>90 - 20° |
|     | black  |        | 22244030-00 |       |                               |
| COB | white  | 0,40   | 22244010-68 | 14    | 4000K - 1482lm - CRI>90 - 20° |
|     | black  |        | 22244030-68 |       |                               |

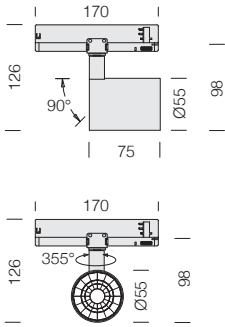
Upon request: 28° and 36 ° light beam version.

Asso "B" featuring support rods stands out as the perfect option for accent lighting in various stylish settings. Its contemporary design and adaptable frame structure enable you to emphasize architectural details or showcase artworks, developing distinct atmospheres. Its flexibility makes it ideal for creating unique lighting designs.

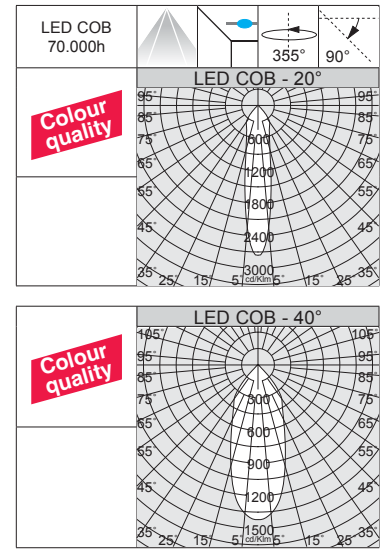
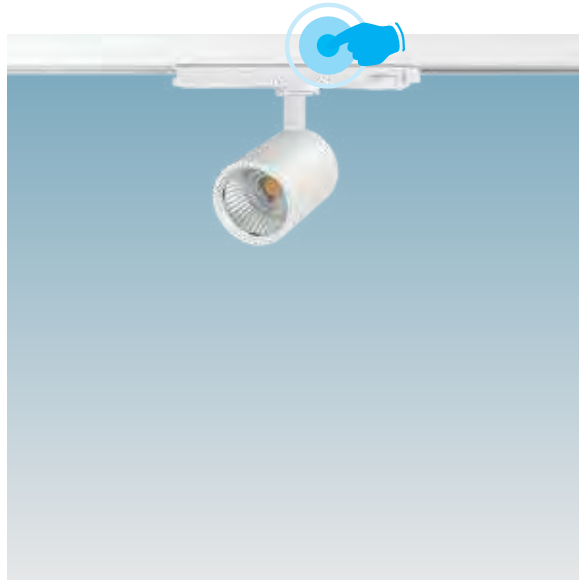




IP40 IK07



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.



### Asso "B" small - DIP SWITCH

| LED | colour | weight | CLD         |  | I out | W tot | LUMEN OUTPUT (tq= 25 °C)      |  |
|-----|--------|--------|-------------|--|-------|-------|-------------------------------|--|
|     |        |        | code        |  |       |       | K - ølm - CRI - degrees       |  |
| COB | white  | 0,30   | 22040810-00 |  | 350   | 14    | 3000K - 1478lm - CRI>90 - 20° |  |
|     | black  |        | 22040830-00 |  |       |       |                               |  |
| COB | white  | 0,30   | 22040810-68 |  | 350   | 14    | 4000K - 1556lm - CRI>90 - 20° |  |
|     | black  |        | 22040830-68 |  |       |       |                               |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 3000K - 1110lm - CRI>90 - 20° |  |
| 300                | 12    | 3000K - 1294lm - CRI>90 - 20° |  |
| 350                | 14    | 3000K - 1478lm - CRI>90 - 20° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 4000K - 1169lm - CRI>90 - 20° |  |
| 300                | 12    | 4000K - 1362lm - CRI>90 - 20° |  |
| 350                | 14    | 4000K - 1556lm - CRI>90 - 20° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 3000K - 1120lm - CRI>90 - 28° |  |
| 300                | 12    | 3000K - 1306lm - CRI>90 - 28° |  |
| 350                | 14    | 3000K - 1492lm - CRI>90 - 28° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 4000K - 1180lm - CRI>90 - 28° |  |
| 300                | 12    | 4000K - 1375lm - CRI>90 - 28° |  |
| 350                | 14    | 4000K - 1571lm - CRI>90 - 28° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 3000K - 1070lm - CRI>90 - 40° |  |
| 300                | 12    | 3000K - 1247lm - CRI>90 - 40° |  |
| 350                | 14    | 3000K - 1424lm - CRI>90 - 40° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 4000K - 1126lm - CRI>90 - 40° |  |
| 300                | 12    | 4000K - 1312lm - CRI>90 - 40° |  |
| 350                | 14    | 4000K - 1499lm - CRI>90 - 40° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 3000K - 1078lm - CRI>90 - 60° |  |
| 300                | 12    | 3000K - 1257lm - CRI>90 - 60° |  |
| 350                | 14    | 3000K - 1436lm - CRI>90 - 60° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 250                | 10    | 4000K - 1136lm - CRI>90 - 60° |  |
| 300                | 12    | 4000K - 1324lm - CRI>90 - 60° |  |
| 350                | 14    | 4000K - 1512lm - CRI>90 - 60° |  |

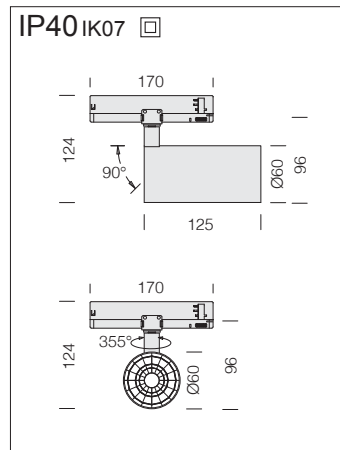
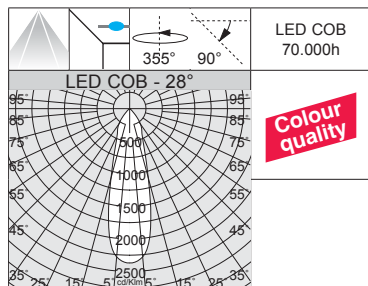
|     |       |      |             |     |    |                               |  |
|-----|-------|------|-------------|-----|----|-------------------------------|--|
| COB | white | 0,30 | 22040812-00 | 350 | 14 | 3000K - 1492lm - CRI>90 - 28° |  |
|     | black |      | 22040832-00 |     |    |                               |  |
| COB | white | 0,30 | 22040812-68 | 350 | 14 | 4000K - 1571lm - CRI>90 - 28° |  |
|     | black |      | 22040832-68 |     |    |                               |  |

|     |       |      |             |     |    |                               |  |
|-----|-------|------|-------------|-----|----|-------------------------------|--|
| COB | white | 0,30 | 22040814-00 | 350 | 14 | 3000K - 1424lm - CRI>90 - 40° |  |
|     | black |      | 22040834-00 |     |    |                               |  |
| COB | white | 0,30 | 22040814-68 | 350 | 14 | 4000K - 1499lm - CRI>90 - 40° |  |
|     | black |      | 22040834-68 |     |    |                               |  |

|     |       |      |             |     |    |                               |  |
|-----|-------|------|-------------|-----|----|-------------------------------|--|
| COB | white | 0,30 | 22040816-00 | 350 | 14 | 3000K - 1436lm - CRI>90 - 60° |  |
|     | black |      | 22040836-00 |     |    |                               |  |
| COB | white | 0,30 | 22040816-68 | 350 | 14 | 4000K - 1512lm - CRI>90 - 60° |  |
|     | black |      | 22040836-68 |     |    |                               |  |

Upon request: DALI -1241 and -6841 dimmable version to be used with OMNITRACK PLUS track-mounted system.





**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.

| Asso "B" medium - DIP SWITCH |        |        |             |                          |       |
|------------------------------|--------|--------|-------------|--------------------------|-------|
| LED                          | colour | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |
|                              |        | weight | code        | I out                    | W tot |
| COB                          | white  | 0,60   | 22043310-00 | 600                      | 22    |
|                              | black  |        | 22043330-00 |                          |       |
| COB                          | white  | 0,60   | 22043310-68 | 600                      | 22    |
|                              | black  |        | 22043330-68 |                          |       |

| DIP SWITCH SETTING       |       |                                         |
|--------------------------|-------|-----------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                         |
| I out                    | W tot | K - ølm - CRI - degrees                 |
| 450                      | 16    | 3000K - 2076lm - <b>CRI&gt;90</b> - 28° |
| 500                      | 18    | 3000K - 2280lm - <b>CRI&gt;90</b> - 28° |
| 600                      | 22    | 3000K - 2692lm - <b>CRI&gt;90</b> - 28° |

| DIP SWITCH SETTING       |       |                                         |
|--------------------------|-------|-----------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                         |
| I out                    | W tot | K - ølm - CRI - degrees                 |
| 450                      | 16    | 4000K - 2185lm - <b>CRI&gt;90</b> - 28° |
| 500                      | 18    | 4000K - 2400lm - <b>CRI&gt;90</b> - 28° |
| 600                      | 22    | 4000K - 2834lm - <b>CRI&gt;90</b> - 28° |

|     |       |      |             |     |    |                                         |
|-----|-------|------|-------------|-----|----|-----------------------------------------|
| COB | white | 0,60 | 22043312-00 | 600 | 22 | 3000K - 2644lm - <b>CRI&gt;90</b> - 33° |
|     | black |      | 22043332-00 |     |    |                                         |
| COB | white | 0,60 | 22043312-68 | 600 | 22 | 4000K - 2784lm - <b>CRI&gt;90</b> - 33° |
|     | black |      | 22043332-68 |     |    |                                         |

| DIP SWITCH SETTING       |       |                                         |
|--------------------------|-------|-----------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                         |
| I out                    | W tot | K - ølm - CRI - degrees                 |
| 450                      | 16    | 3000K - 2039lm - <b>CRI&gt;90</b> - 33° |
| 500                      | 18    | 3000K - 2240lm - <b>CRI&gt;90</b> - 33° |
| 600                      | 22    | 3000K - 2644lm - <b>CRI&gt;90</b> - 33° |

| DIP SWITCH SETTING       |       |                                         |
|--------------------------|-------|-----------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                         |
| I out                    | W tot | K - ølm - CRI - degrees                 |
| 450                      | 16    | 4000K - 2147lm - <b>CRI&gt;90</b> - 33° |
| 500                      | 18    | 4000K - 2358lm - <b>CRI&gt;90</b> - 33° |
| 600                      | 22    | 4000K - 2784lm - <b>CRI&gt;90</b> - 33° |

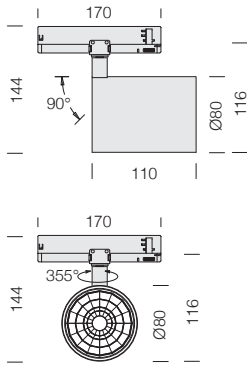
|     |       |      |             |     |    |                                         |
|-----|-------|------|-------------|-----|----|-----------------------------------------|
| COB | white | 0,60 | 22043314-00 | 600 | 22 | 3000K - 2661lm - <b>CRI&gt;90</b> - 51° |
|     | black |      | 22043334-00 |     |    |                                         |
| COB | white | 0,60 | 22043314-68 | 600 | 22 | 4000K - 2801lm - <b>CRI&gt;90</b> - 51° |
|     | black |      | 22043334-68 |     |    |                                         |

| DIP SWITCH SETTING       |       |                                         |
|--------------------------|-------|-----------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                         |
| I out                    | W tot | K - ølm - CRI - degrees                 |
| 450                      | 16    | 3000K - 2052lm - <b>CRI&gt;90</b> - 51° |
| 500                      | 18    | 3000K - 2254lm - <b>CRI&gt;90</b> - 51° |
| 600                      | 22    | 3000K - 2661lm - <b>CRI&gt;90</b> - 51° |

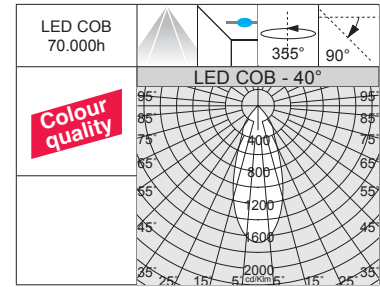
| DIP SWITCH SETTING       |       |                                         |
|--------------------------|-------|-----------------------------------------|
| LUMEN OUTPUT (tq= 25 °C) |       |                                         |
| I out                    | W tot | K - ølm - CRI - degrees                 |
| 450                      | 16    | 4000K - 2160lm - <b>CRI&gt;90</b> - 51° |
| 500                      | 18    | 4000K - 2373lm - <b>CRI&gt;90</b> - 51° |
| 600                      | 22    | 4000K - 2801lm - <b>CRI&gt;90</b> - 51° |

Upon request: DALI -1241 and -6841 dimmable version to be used with OMNITRACK PLUS track-mounted system.

IP40 IK07



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.



### Asso "B" big - DIP SWITCH

| LED | colour | weight | CLD         |       | LUMEN OUTPUT (tq= 25 °C) |                                         |
|-----|--------|--------|-------------|-------|--------------------------|-----------------------------------------|
|     |        |        | code        | I out | W tot                    | K - ølm - CRI - degrees                 |
| COB | white  | 0,70   | 22043410-00 | 700   | 26                       | 3000K - 3163lm - <b>CRI&gt;90</b> - 20° |
|     | black  |        | 22043430-00 |       |                          |                                         |
| COB | white  | 0,70   | 22043410-68 | 700   | 26                       | 4000K - 3330lm - <b>CRI&gt;90</b> - 20° |
|     | black  |        | 22043430-68 |       |                          |                                         |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 700                      | 26    |
| 750                      | 28    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 700                      | 26    |
| 750                      | 28    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 700                      | 26    |
| 750                      | 28    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 700                      | 26    |
| 750                      | 28    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 700                      | 26    |
| 750                      | 28    |

| DIP SWITCH SETTING       |       |
|--------------------------|-------|
| LUMEN OUTPUT (tq= 25 °C) |       |
| I out                    | W tot |
| 700                      | 26    |
| 750                      | 28    |

|     |       |      |             |     |    |                                         |
|-----|-------|------|-------------|-----|----|-----------------------------------------|
| COB | white | 0,70 | 22043412-00 | 700 | 26 | 3000K - 3173lm - <b>CRI&gt;90</b> - 25° |
|     | black |      | 22043432-00 |     |    |                                         |
| COB | white | 0,70 | 22043412-68 | 700 | 26 | 4000K - 3340lm - <b>CRI&gt;90</b> - 25° |
|     | black |      | 22043432-68 |     |    |                                         |

|     |       |      |             |     |    |                                         |
|-----|-------|------|-------------|-----|----|-----------------------------------------|
| COB | white | 0,70 | 22043414-00 | 700 | 26 | 3000K - 3145lm - <b>CRI&gt;90</b> - 40° |
|     | black |      | 22043434-00 |     |    |                                         |
| COB | white | 0,70 | 22043414-68 | 700 | 26 | 4000K - 3311lm - <b>CRI&gt;90</b> - 40° |
|     | black |      | 22043434-68 |     |    |                                         |

Upon request: DALI -1241 and -6841 dimmable version to be used with OMNITRACK PLUS track-mounted system.

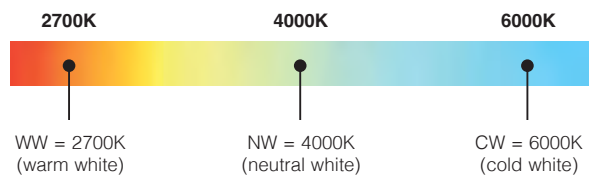




**ASSO "B" ZOOM - MULTICOLOR:** in a single body you have a complete lighting fixture that can meet every need with the possibility to adjust the light beam, with 3 colour temperatures in as many power wattages, maintaining aesthetic continuity while differentiating the amount of light emitted. All these requirements make it an excellent fixture for the lighting of retail, architectural, and museum settings.

The main feature of this spotlight is the new colour-changing/output power technology. With **two built-in switches** positioned on the adapter, you can:

- select 3 different colour temperatures, adjusting to most installations:



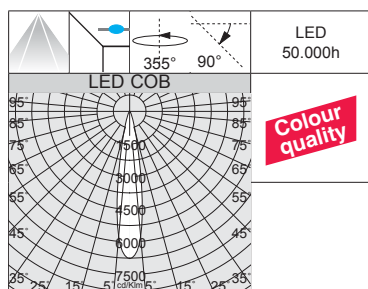
- select the type of brightness with 3 output power ranges :

|                 | LOW | MEDIUM | HIGH |
|-----------------|-----|--------|------|
| Asso "B" mini   | 6W  | 8W     | 10W  |
| Asso "B" small  | 8W  | 10W    | 12W  |
| Asso "B" medium | 10W | 15W    | 20W  |
| Asso "B" big    | 20W | 25W    | 30W  |

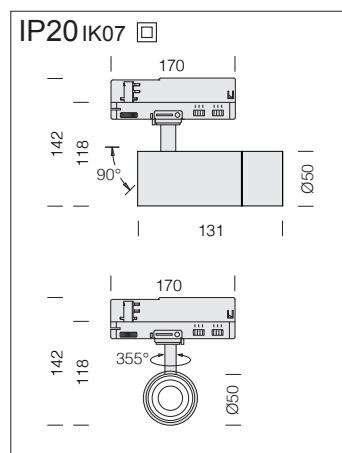
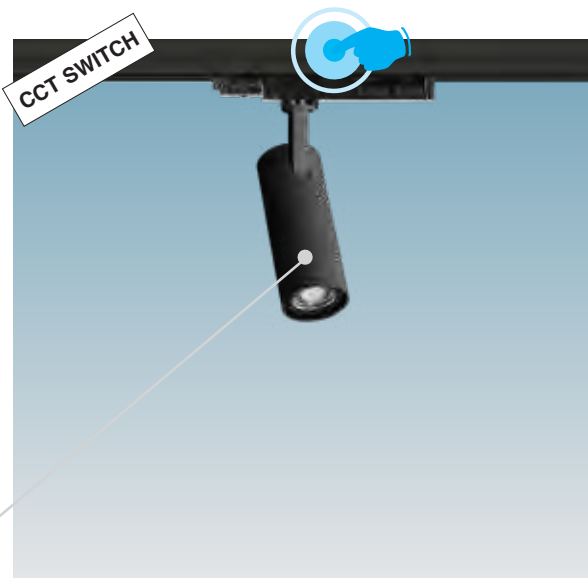
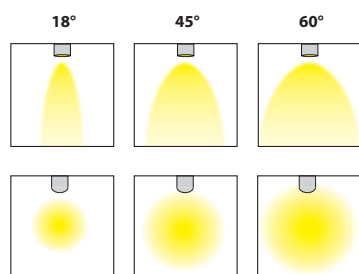


Another unique feature of this spotlight is the option to choose the beam angle with an adjustment ring on the fixture's body. In a very simple and intuitive way, you can obtain the desired light beam within a range from 24° to 60°, including intermediate positions, in a smooth and gradual manner, maintaining excellent visual comfort.





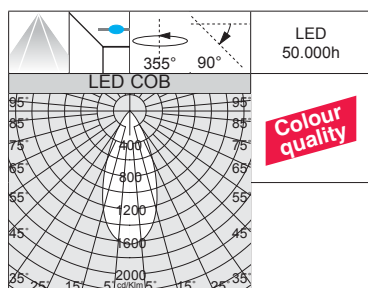
Beam angle adjustment system from 18° to 60°: you can select the desired beam angle to highlight whatever you want to illuminate.



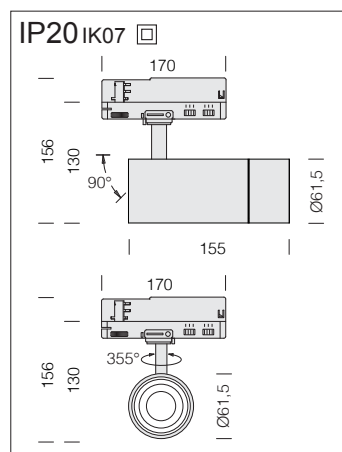
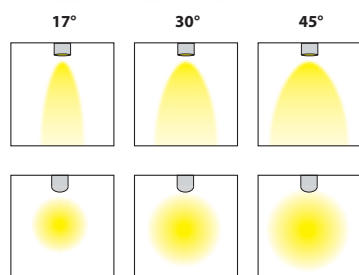
**LED:** luminous flux maintenance 80%: 50.000h (L80B20). Power factor >0.95.

#### Asso "B" mini - ZOOM MULTICOLOR

| LED | colour | weight | CLD code    | LUMEN OUTPUT (tq= 25 °C) |       |                                                                    |
|-----|--------|--------|-------------|--------------------------|-------|--------------------------------------------------------------------|
|     |        |        |             | I out                    | W tot | degrees                                                            |
| COB | white  | 0,40   | 22044014-00 | 150                      | 6     | CCT 2700K/4000K/6000K - 423lm ÷ 538lm - <b>CRI&gt;90</b> 18° ÷ 60° |
|     |        |        |             | 200                      | 8     | CCT 2700K/4000K/6000K - 579lm ÷ 725lm - <b>CRI&gt;90</b> 18° ÷ 60° |
|     |        |        |             | 250                      | 10    | CCT 2700K/4000K/6000K - 699lm ÷ 881lm - <b>CRI&gt;90</b> 18° ÷ 60° |
| COB | black  | 0,40   | 22044034-00 | 150                      | 6     | CCT 2700K/4000K/6000K - 423lm ÷ 538lm - <b>CRI&gt;90</b> 18° ÷ 60° |
|     |        |        |             | 200                      | 8     | CCT 2700K/4000K/6000K - 579lm ÷ 725lm - <b>CRI&gt;90</b> 18° ÷ 60° |
|     |        |        |             | 250                      | 10    | CCT 2700K/4000K/6000K - 699lm ÷ 881lm - <b>CRI&gt;90</b> 18° ÷ 60° |



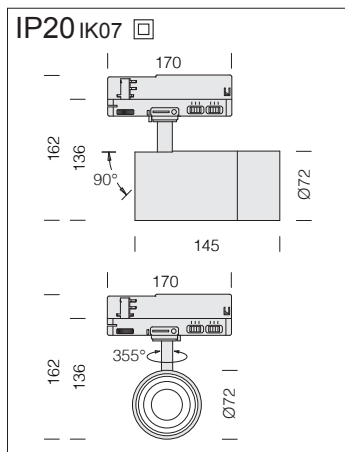
Beam angle adjustment system from 17° to 45°: you can select the desired beam angle to highlight whatever you want to illuminate.



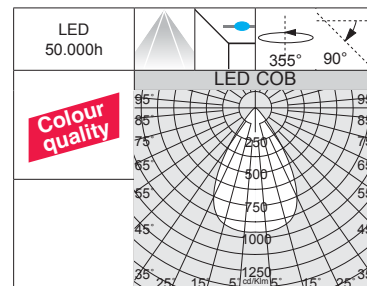
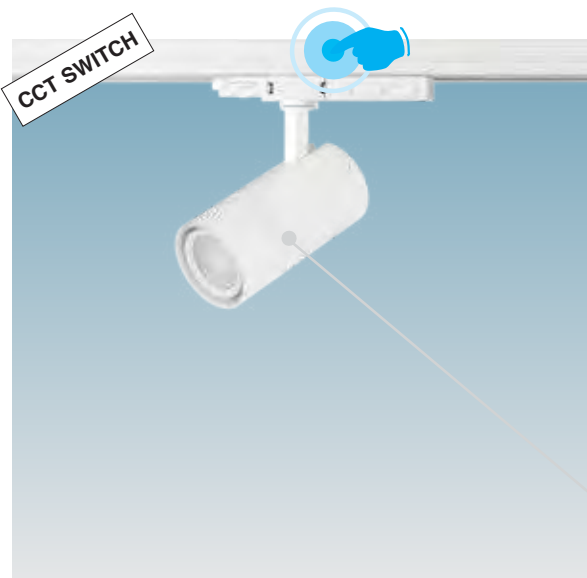
**LED:** luminous flux maintenance 80%: 50.000h (L80B20). Power factor >0.95.

#### Asso "B" small - ZOOM MULTICOLOR

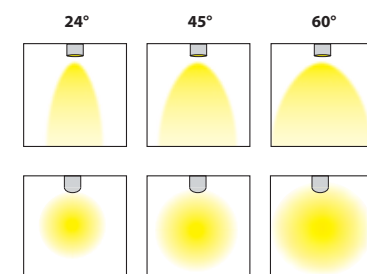
| LED | colour | weight | CLD code    | LUMEN OUTPUT (tq= 25 °C) |       |                                                                     |
|-----|--------|--------|-------------|--------------------------|-------|---------------------------------------------------------------------|
|     |        |        |             | I out                    | W tot | degrees                                                             |
| COB | white  | 0,50   | 22044015-00 | 200                      | 8     | CCT 2700K/4000K/6000K - 546lm ÷ 751lm - <b>CRI&gt;90</b> 17° ÷ 45°  |
|     |        |        |             | 250                      | 10    | CCT 2700K/4000K/6000K - 648lm ÷ 902lm - <b>CRI&gt;90</b> 17° ÷ 45°  |
|     |        |        |             | 300                      | 12    | CCT 2700K/4000K/6000K - 754lm ÷ 1027lm - <b>CRI&gt;90</b> 17° ÷ 45° |
| COB | black  | 0,50   | 22044035-00 | 200                      | 8     | CCT 2700K/4000K/6000K - 546lm ÷ 751lm - <b>CRI&gt;90</b> 17° ÷ 45°  |
|     |        |        |             | 250                      | 10    | CCT 2700K/4000K/6000K - 648lm ÷ 902lm - <b>CRI&gt;90</b> 17° ÷ 45°  |
|     |        |        |             | 300                      | 12    | CCT 2700K/4000K/6000K - 754lm ÷ 1027lm - <b>CRI&gt;90</b> 17° ÷ 45° |



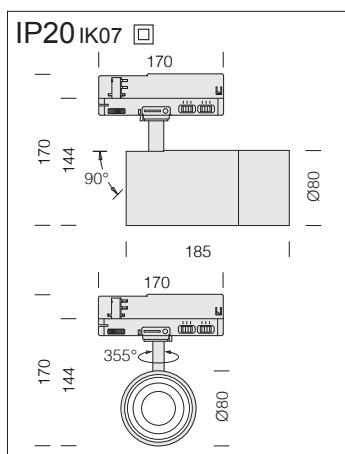
**LED:** luminous flux maintenance 80%: 50.000h (L80B20). Power factor >0.95.



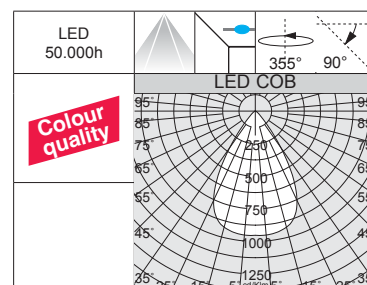
Beam angle adjustment system from 24° to 60°: you can select the desired beam angle to highlight whatever you want to illuminate.



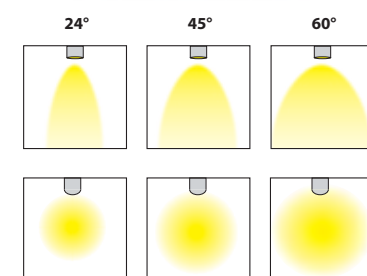
| Asso "B" medium - ZOOM MULTICOLOR |        |        |             |       |       |                                                            |
|-----------------------------------|--------|--------|-------------|-------|-------|------------------------------------------------------------|
| LED                               | colour | weight | code        | CLD   |       |                                                            |
|                                   |        |        |             | I out | W tot | LUMEN OUTPUT (tq= 25 °C)                                   |
| COB                               | white  | 0,60   | 22044013-00 | 240   | 10    | CCT 2700K/4000K/6000K - 950lm ÷ 1189lm - <b>CRI&gt;90</b>  |
|                                   |        |        |             | 400   | 15    | CCT 2700K/4000K/6000K - 1331lm ÷ 1690lm - <b>CRI&gt;90</b> |
|                                   |        |        |             | 500   | 20    | CCT 2700K/4000K/6000K - 1743lm ÷ 2206lm - <b>CRI&gt;90</b> |
| COB                               | black  | 0,60   | 22044033-00 | 240   | 10    | CCT 2700K/4000K/6000K - 950lm ÷ 1189lm - <b>CRI&gt;90</b>  |
|                                   |        |        |             | 400   | 15    | CCT 2700K/4000K/6000K - 1331lm ÷ 1690lm - <b>CRI&gt;90</b> |
|                                   |        |        |             | 500   | 20    | CCT 2700K/4000K/6000K - 1743lm ÷ 2206lm - <b>CRI&gt;90</b> |



**LED:** luminous flux maintenance 80%: 50.000h (L80B20). Power factor >0.95.



Beam angle adjustment system from 24° to 60°: you can select the desired beam angle to highlight whatever you want to illuminate.



| Asso "B" big - ZOOM MULTICOLOR |        |        |             |       |       |                                                            |
|--------------------------------|--------|--------|-------------|-------|-------|------------------------------------------------------------|
| LED                            | colour | weight | code        | CLD   |       |                                                            |
|                                |        |        |             | I out | W tot | LUMEN OUTPUT (tq= 25 °C)                                   |
| COB                            | white  | 0,80   | 22044010-00 | 500   | 20    | CCT 2700K/4000K/6000K - 2088lm ÷ 2302lm - <b>CRI&gt;90</b> |
|                                |        |        |             | 600   | 25    | CCT 2700K/4000K/6000K - 2545lm ÷ 2822lm - <b>CRI&gt;90</b> |
|                                |        |        |             | 750   | 30    | CCT 2700K/4000K/6000K - 2961lm ÷ 3256lm - <b>CRI&gt;90</b> |
| COB                            | black  | 0,80   | 22044030-00 | 500   | 20    | CCT 2700K/4000K/6000K - 2088lm ÷ 2302lm - <b>CRI&gt;90</b> |
|                                |        |        |             | 600   | 25    | CCT 2700K/4000K/6000K - 2545lm ÷ 2822lm - <b>CRI&gt;90</b> |
|                                |        |        |             | 750   | 30    | CCT 2700K/4000K/6000K - 2961lm ÷ 3256lm - <b>CRI&gt;90</b> |





**ZOOM - MULTICOLOR:** in a single body you have a complete lighting fixture that can meet every need with the possibility to adjust the light beam, with 5 colour temperatures in 2 output power ranges, maintaining aesthetic continuity while differentiating the amount of light emitted. All these requirements make it an excellent fixture for the lighting of retail, architectural, and museum settings.

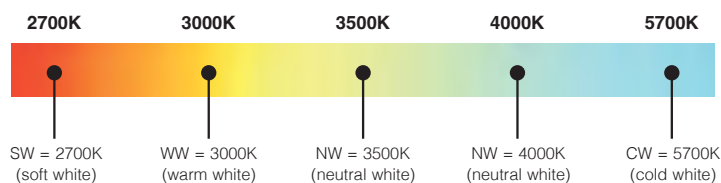


Another unique feature of this spotlight is the option to choose the beam angle with an adjustment ring on the fixture's body. In a very simple and intuitive way, you can obtain the desired light beam within a range from 20° to 50°, including intermediate positions, in a smooth and gradual manner, maintaining excellent visual comfort.



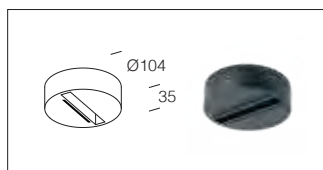
The main feature of this spotlight is the new colour-changing/output power technology: with the **two built-in switches** positioned on the fixture's body, you can:

- select 5 different colour temperatures, adjusting to most installations:

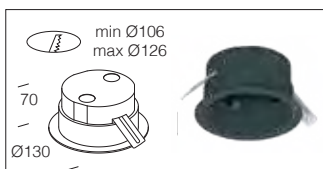


- select the type of brightness with 2 output power ranges :

| LOW | HIGH |
|-----|------|
| 18W | 25W  |
| 28W | 40W  |



| Acc. base for universal adapter |             |
|---------------------------------|-------------|
| white                           | 22092610-00 |
| black                           | 22092630-00 |

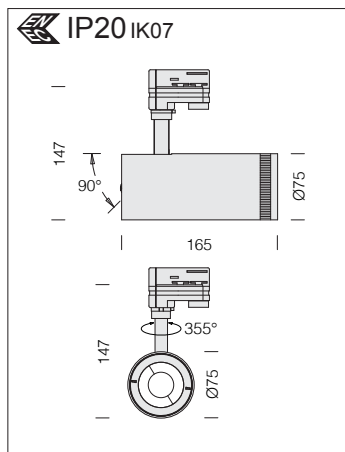


| Acc. recessed |             |
|---------------|-------------|
| white         | 22091610-00 |
| black         | 22091630-00 |

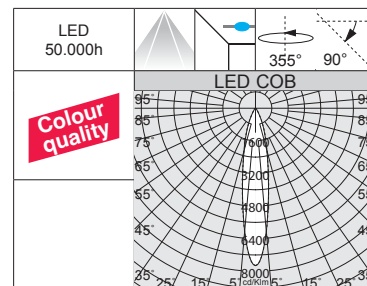
To be used with acc. base for universal adapter.

Zoom is available in a version with a base, which should be complemented with accessory 22092610/30-00.

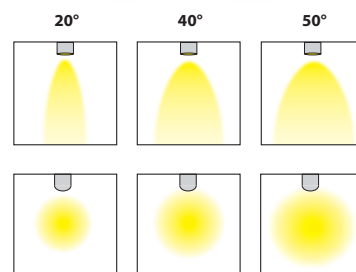




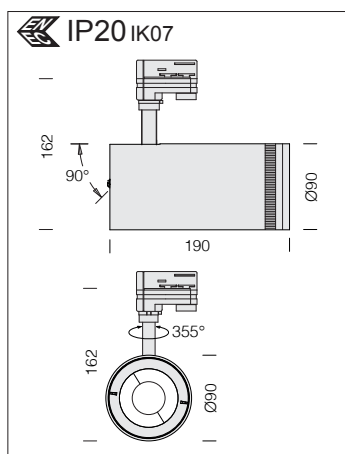
**LED:** luminous flux maintenance  
80%: 50.000h (L80B20).  
Power factor >0.95.



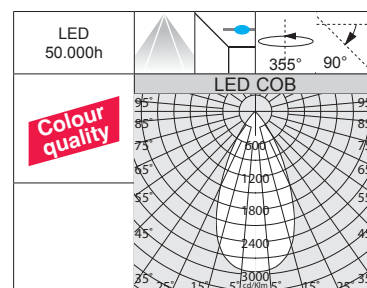
Beam angle adjustment system from 20° to 50°: you can select the desired beam angle to highlight whatever you want to illuminate.



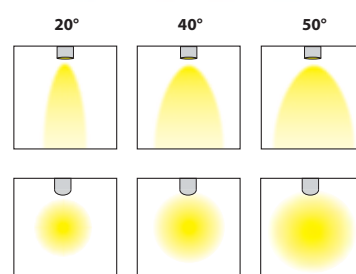
| Zoom medium - MULTICOLOR |        |        |             |                          |       |                                                                     |           |
|--------------------------|--------|--------|-------------|--------------------------|-------|---------------------------------------------------------------------|-----------|
| LED                      | colour | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |                                                                     |           |
|                          |        | weight | code        | I out                    | W tot | K - ølm - CRI                                                       | degrees   |
| COB                      | white  | 0,80   | 22044011-00 | 450                      | 18    | 2700K/3000K/3500K/4000K/5700K<br>1008lm ÷ 1530lm - <b>CRI&gt;90</b> | 20° ÷ 50° |
|                          |        |        |             | 630                      | 25    | 2700K/3000K/3500K/4000K/5700K<br>1318lm ÷ 2013lm - <b>CRI&gt;90</b> | 20° ÷ 50° |
| COB                      | black  | 0,80   | 22044031-00 | 450                      | 18    | 2700K/3000K/3500K/4000K/5700K<br>1008lm ÷ 1530lm - <b>CRI&gt;90</b> | 20° ÷ 50° |
|                          |        |        |             | 630                      | 25    | 2700K/3000K/3500K/4000K/5700K<br>1318lm ÷ 2013lm - <b>CRI&gt;90</b> | 20° ÷ 50° |



**LED:** luminous flux maintenance  
80%: 50.000h (L80B20).  
Power factor >0.95.



Beam angle adjustment system from 20° to 50°: you can select the desired beam angle to highlight whatever you want to illuminate.



| Zoom big - MULTICOLOR |        |        |             |                          |       |                                                                     |           |
|-----------------------|--------|--------|-------------|--------------------------|-------|---------------------------------------------------------------------|-----------|
| LED                   | colour | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |                                                                     |           |
|                       |        | weight | code        | I out                    | W tot | K - ølm - CRI                                                       | degrees   |
| COB                   | white  | 1,10   | 22044012-00 | 670                      | 28    | 2700K/3000K/3500K/4000K/5700K<br>1601lm ÷ 2321lm - <b>CRI&gt;90</b> | 20° ÷ 50° |
|                       |        |        |             | 970                      | 40    | 2700K/3000K/3500K/4000K/5700K<br>2107lm ÷ 3335lm - <b>CRI&gt;90</b> | 20° ÷ 50° |
| COB                   | black  | 1,10   | 22044032-00 | 670                      | 28    | 2700K/3000K/3500K/4000K/5700K<br>1601lm ÷ 2321lm - <b>CRI&gt;90</b> | 20° ÷ 50° |
|                       |        |        |             | 970                      | 40    | 2700K/3000K/3500K/4000K/5700K<br>2107lm ÷ 3335lm - <b>CRI&gt;90</b> | 20° ÷ 50° |





Vision is a family of floodlights covering the widest range of sources and lighting design needs for perfect optical control of the light beams. A series of fixtures designed to satisfy the most widely differing architectural lighting and display needs, with performance in mind and using the most innovative light sources to ensure excellent visual comfort.

**Housing:** Die-cast aluminium with cooling vents.

**Reflector:** in matt aluminium, high efficiency and anti-glare.

**Coating:** Power-coated with a UV-resistant polyester epoxy paint.

**Regulations:** Manufactured in accordance with EN 60598-1-CEI 34.21 standards. Degrees of protection in accordance with EN60529 standards.

**LED:** high-efficiency light sources (**CRI>90**).

Luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.95.

Photobiological safety class: exempt group.

**Upon request:** version with CASAMBI automation lighting control system.  
For further information see chapter *Technical components*.





The right lighting and fixture play a vital role in facilitating sales. This is the reason why LED fixtures with a **CRI>90** are being requested. Therefore, the current trend is geared towards the manufacturing of more flexible fixtures, which also emit an excellent quality of light, while guaranteeing remarkable energy savings and lower maintenance costs.

The Colour Rendering Index (**CRI**) indicates how truthfully the artificial light source is able to reproduce the colours of objects. It varies from a range of **0 to 100**, where **0 represents the minimum** and **100 is the maximum**. Daylight is the best source of light from a physiological point of view because it contains the full colour spectrum. Therefore, a lamp with a high colour rendering index is very important to ensure the wellbeing and comfort of the occupants of a room and it is absolutely necessary in rooms where good visibility is required.

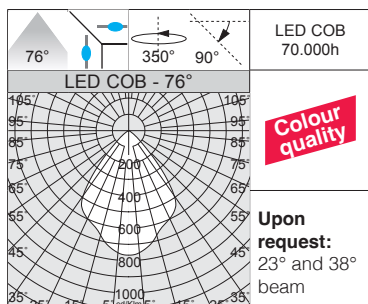




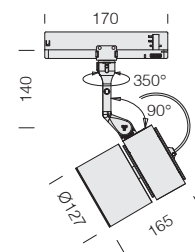
#### Honeycomb screen

|         |             |
|---------|-------------|
| x small | 22005130-00 |
| x big   | 22005131-00 |

To reduce glare



IP40 IK07



**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.

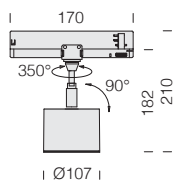
| Vision 2.0 big C - DIP SWITCH - universal adapter - SHORT version                                        |           |        |             |                          |       |                                                                                                                     |
|----------------------------------------------------------------------------------------------------------|-----------|--------|-------------|--------------------------|-------|---------------------------------------------------------------------------------------------------------------------|
|                                                                                                          |           | CLD    |             | LUMEN OUTPUT (tq= 25 °C) |       |                                                                                                                     |
| LED                                                                                                      | colour    | weight | code        | I out                    | W tot | K - ølm - CRI - degrees                                                                                             |
| COB                                                                                                      | white     | 1,80   | 22704010-00 | 1050                     | 39    | 3000K - 3869lm - CRI>90 - 76°  |
|                                                                                                          | black     |        | 22704030-00 |                          |       |                                                                                                                     |
|                                                                                                          | m. silver |        | 22704070-00 |                          |       |                                                                                                                     |
| COB                                                                                                      | white     | 1,80   | 22704010-68 | 1050                     | 39    | 4000K - 4073lm - CRI>90 - 76°  |
|                                                                                                          | black     |        | 22704030-68 |                          |       |                                                                                                                     |
|                                                                                                          | m. silver |        | 22704070-68 |                          |       |                                                                                                                     |
| Upon request: DALI -1241 and -6841 dimmable version to be used with OMNITRACK PLUS track-mounted system. |           |        |             |                          |       |                                                                                                                     |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 900                | 33    | 3000K - 3411lm - CRI>90 - 76° |  |
| 1000               | 37    | 3000K - 3726lm - CRI>90 - 76° |  |
| 1050               | 39    | 3000K - 3869lm - CRI>90 - 76° |  |

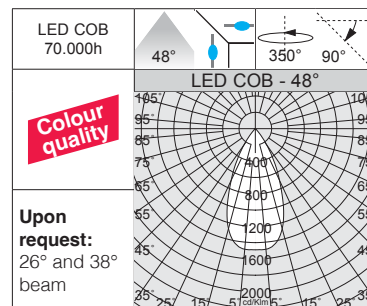
  

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 900                | 33    | 4000K - 3591lm - CRI>90 - 76° |  |
| 1000               | 37    | 4000K - 3922lm - CRI>90 - 76° |  |
| 1050               | 39    | 4000K - 4073lm - CRI>90 - 76° |  |

IP40 IK07



**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.



| Vision 2.0 small - DIP SWITCH - on track with TIGES - short version |           |        |             |       |       |                               |
|---------------------------------------------------------------------|-----------|--------|-------------|-------|-------|-------------------------------|
| LED                                                                 | colour    | weight | CLD         | I out | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| COB                                                                 | white     | 1,00   | 22703810-00 | 750   | 28    | 3000K - 3073lm - CRI>90 - 48° |
|                                                                     | black     |        | 22703830-00 |       |       |                               |
|                                                                     | m. silver |        | 22703870-00 |       |       |                               |
| COB                                                                 | white     | 1,00   | 22703810-68 | 750   | 28    | 4000K - 3235lm - CRI>90 - 48° |
|                                                                     | black     |        | 22703830-68 |       |       |                               |
|                                                                     | m. silver |        | 22703870-68 |       |       |                               |

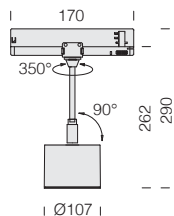
Upon request: DALI -1241 and -6841 dimmable version to be used with OMNITRACK PLUS track-mounted system.

| DIP SWITCH SETTING |       |                               |  |  |  |  |
|--------------------|-------|-------------------------------|--|--|--|--|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |  |  |  |  |
| 700                | 26    | 3000K - 2898lm - CRI>90 - 48° |  |  |  |  |
| 750                | 28    | 3000K - 3073lm - CRI>90 - 48° |  |  |  |  |

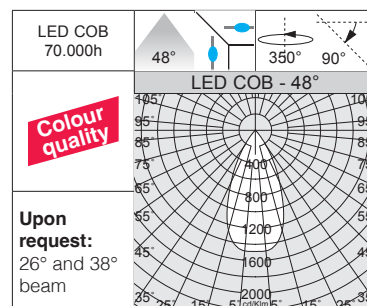
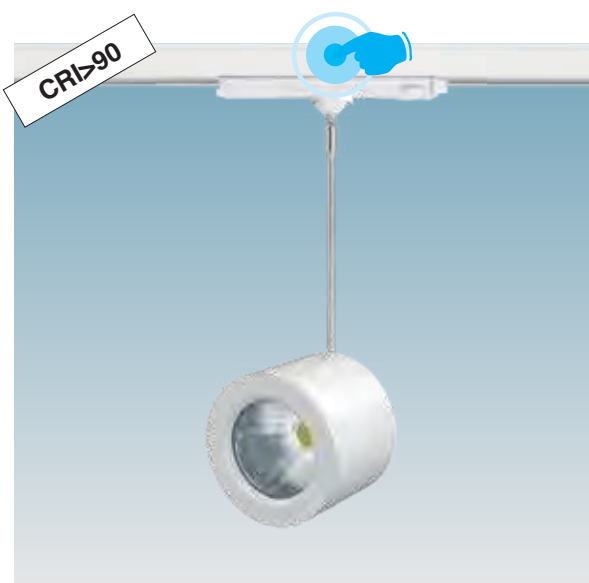
  

| DIP SWITCH SETTING |       |                               |  |  |  |  |
|--------------------|-------|-------------------------------|--|--|--|--|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |  |  |  |  |
| 700                | 26    | 4000K - 3050lm - CRI>90 - 48° |  |  |  |  |
| 750                | 28    | 4000K - 3235lm - CRI>90 - 48° |  |  |  |  |

IP40 IK07



**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.



| Vision 2.0 small - DIP SWITCH - on track with TIGES |           |        |             |       |       |                               |
|-----------------------------------------------------|-----------|--------|-------------|-------|-------|-------------------------------|
| LED                                                 | colour    | weight | CLD         | I out | W tot | LUMEN OUTPUT (tq= 25 °C)      |
| COB                                                 | white     | 1,00   | 22703610-00 | 750   | 28    | 3000K - 3073lm - CRI>90 - 48° |
|                                                     | black     |        | 22703630-00 |       |       |                               |
|                                                     | m. silver |        | 22703670-00 |       |       |                               |
| COB                                                 | white     | 1,00   | 22703610-68 | 750   | 28    | 4000K - 3235lm - CRI>90 - 48° |
|                                                     | black     |        | 22703630-68 |       |       |                               |
|                                                     | m. silver |        | 22703670-68 |       |       |                               |

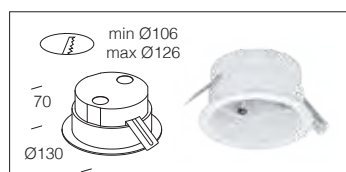
Upon request: DALI -1241 and -6841 dimmable version to be used with OMNITRACK PLUS track-mounted system.

| DIP SWITCH SETTING |       |                               |  |  |  |  |
|--------------------|-------|-------------------------------|--|--|--|--|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |  |  |  |  |
| 700                | 26    | 3000K - 2898lm - CRI>90 - 48° |  |  |  |  |
| 750                | 28    | 3000K - 3073lm - CRI>90 - 48° |  |  |  |  |

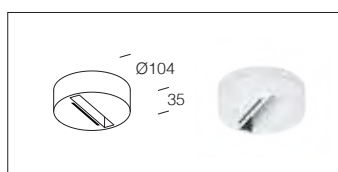
| DIP SWITCH SETTING |       |                               |  |  |  |  |
|--------------------|-------|-------------------------------|--|--|--|--|
| I out              | W tot | LUMEN OUTPUT (tq= 25 °C)      |  |  |  |  |
| 700                | 26    | 4000K - 3050lm - CRI>90 - 48° |  |  |  |  |
| 750                | 28    | 4000K - 3235lm - CRI>90 - 48° |  |  |  |  |





| Acc. recessed |             |
|---------------|-------------|
| white         | 22091610-00 |
| black         | 22091630-00 |
| grey          | 22091670-00 |

To be used with acc. base for universal adapter and DIMM 1/10V-DALI adapter.



| Acc. base for universal adapter and DIMM 1/10V-DALI adapter |             |
|-------------------------------------------------------------|-------------|
| white                                                       | 22092610-00 |
| black                                                       | 22092630-00 |
| grey                                                        | 22092670-00 |

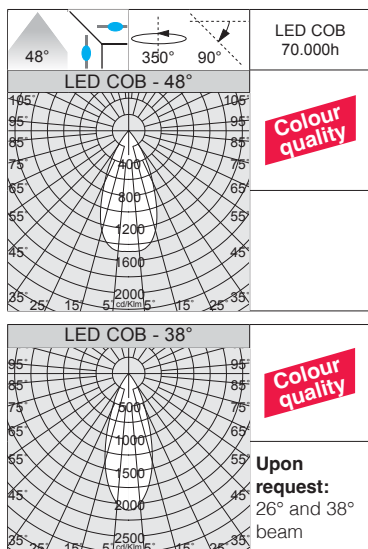
DIMM  
DIG



RG0

LOW  
FLICKER

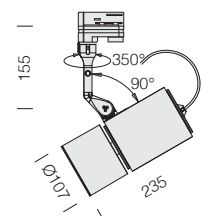
CASAMBI



CRI>90



IP40 IK07



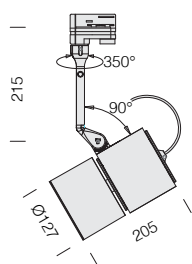
**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.

### Vision 2.0 small - universal adapter - SHORT version

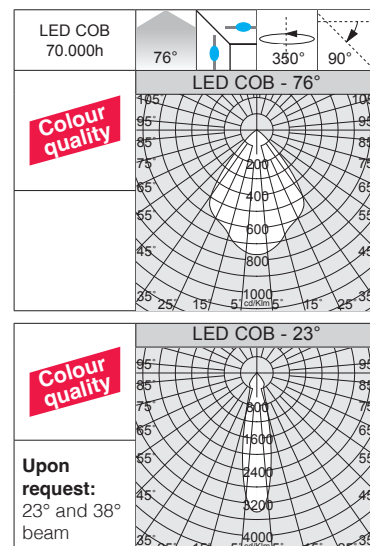
|     |           | CLD    |             | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|-----|-----------|--------|-------------|------------------|-------|-------------------------------|
| LED | colour    | weight | code        | code             |       | K - ølm - CRI - degrees       |
| COB | white     | 1,70   | 22703510-00 |                  | 34    | 3000K - 3631lm - CRI>90 - 48° |
|     | black     |        | 22703530-00 |                  |       |                               |
|     | m. silver |        | 22703570-00 |                  |       |                               |
| COB | white     | 1,70   | 22703510-68 |                  | 34    | 4000K - 3822lm - CRI>90 - 48° |
|     | black     |        | 22703530-68 |                  |       |                               |
|     | m. silver |        | 22703570-68 |                  |       |                               |
| COB | white     | 1,70   |             | 22702810-1241    | 34    | 3000K - 3631lm - CRI>90 - 48° |
|     | black     |        |             | 22702830-1241    |       |                               |
|     | m. silver |        |             | 22702870-1241    |       |                               |
| COB | white     | 1,70   |             | 22702810-6841    | 34    | 4000K - 3822lm - CRI>90 - 48° |
|     | black     |        |             | 22702830-6841    |       |                               |
|     | m. silver |        |             | 22702870-6841    |       |                               |

Dimmable version -1241 and -6841 to be used with OMNITRACK PLUS track-mounted system.

IP40 IK07



**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.



## Vision 2.0 big C - universal adapter - LONG version

| LED | colour    | weight | CLD         | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|-----|-----------|--------|-------------|------------------|-------|-------------------------------|
|     |           |        | code        | code             |       | K - ølm - CRI - degrees       |
| COB | white     | 1,80   | 22703013-00 | 22703013-1241    | 39    | 3000K - 3761lm - CRI>90 - 76° |
|     | black     |        | 22703033-00 | 22703033-1241    |       |                               |
|     | m. silver |        | 22703073-00 | 22703073-1241    |       |                               |
| COB | white     | 1,80   | 22703013-68 | 22703013-6841    | 39    | 4000K - 4073lm - CRI>90 - 76° |
|     | black     |        | 22703033-68 | 22703033-6841    |       |                               |
|     | m. silver |        | 22703073-68 | 22703073-6841    |       |                               |

Dimmable version -1241 and -6841 to be used with OMNITRACK PLUS track-mounted system.

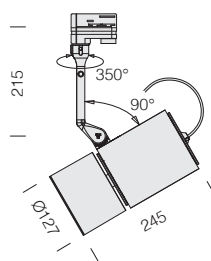
## Honeycomb screen

|         |             |
|---------|-------------|
| x small | 22005130-00 |
| x big   | 22005131-00 |

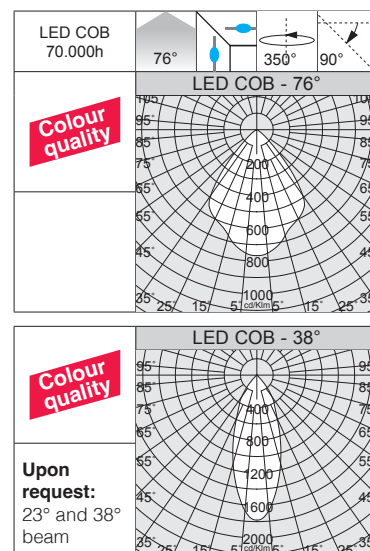
To reduce glare



IP40 IK07



**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.



## Vision 2.0 big L - universal adapter - LONG version

| LED | colour    | weight | CLD         | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|-----|-----------|--------|-------------|------------------|-------|-------------------------------|
|     |           |        | code        | code             |       | K - ølm - CRI - degrees       |
| COB | white     | 2,10   | 22702913-00 | 22702913-1241    | 45    | 3000K - 4655lm - CRI>90 - 76° |
|     | black     |        | 22702933-00 | 22702933-1241    |       |                               |
|     | m. silver |        | 22702973-00 | 22702973-1241    |       |                               |
| COB | white     | 2,10   | 22702913-68 | 22702913-6841    | 45    | 4000K - 4891lm - CRI>90 - 76° |
|     | black     |        | 22702933-68 | 22702933-6841    |       |                               |
|     | m. silver |        | 22702973-68 | 22702973-6841    |       |                               |
| COB | white     | 2,10   | 22703413-00 | 22703413-1241    | 53    | 3000K - 5217lm - CRI>90 - 76° |
|     | black     |        | 22703433-00 | 22703433-1241    |       |                               |
|     | m. silver |        | 22703473-00 | 22703473-1241    |       |                               |
| COB | white     | 2,10   | 22703413-68 | 22703413-6841    | 53    | 4000K - 5592lm - CRI>90 - 76° |
|     | black     |        | 22703433-68 | 22703433-6841    |       |                               |
|     | m. silver |        | 22703473-68 | 22703473-6841    |       |                               |

Dimmable version -1241 and -6841 to be used with OMNITRACK PLUS track-mounted system.




**Honeycomb screen**

|         |             |
|---------|-------------|
| x small | 22005130-00 |
| x big   | 22005131-00 |

To reduce glare

**DIMM**  
**DIG**



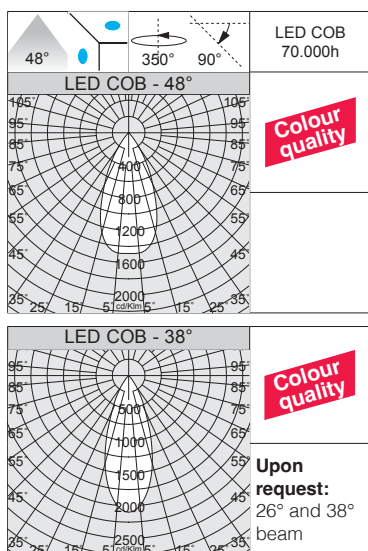
**RG0**



**LOW**  
**FLICKER**



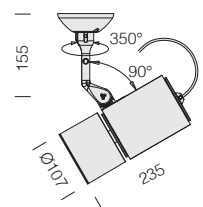
**CASAMBI**



**CRI>90**



**IP40 IK07**



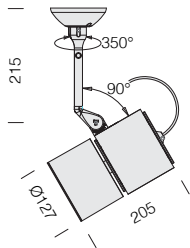
**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.

**Vision 2.0 small - base - SHORT version**

| Vision 2.0 small - base - SHORT version |           |        |             |                  |       |                               |                          |
|-----------------------------------------|-----------|--------|-------------|------------------|-------|-------------------------------|--------------------------|
|                                         |           | CLD    |             | CLD D-DIG (DALI) |       |                               | LUMEN OUTPUT (tq= 25 °C) |
| LED                                     | colour    | weight | code        | code             | W tot | K - ølm - CRI - degrees       |                          |
| COB                                     | white     | 1,70   | 22803510-00 |                  | 34    | 3000K - 3631lm - CRI 92 - 48° |                          |
|                                         | black     |        | 22803530-00 |                  |       |                               |                          |
|                                         | m. silver |        | 22803570-00 |                  |       |                               |                          |
| COB                                     | white     | 1,70   | 22803510-68 |                  | 34    | 4000K - 3822lm - CRI 92 - 48° |                          |
|                                         | black     |        | 22803530-68 |                  |       |                               |                          |
|                                         | m. silver |        | 22803570-68 |                  |       |                               |                          |
| COB                                     | white     | 1,70   |             | 22802810-1241    | 34    | 3000K - 3631lm - CRI 92 - 48° |                          |
|                                         | black     |        |             | 22802830-1241    |       |                               |                          |
|                                         | m. silver |        |             | 22802870-1241    |       |                               |                          |
| COB                                     | white     | 1,70   |             | 22802810-6841    | 34    | 4000K - 3822lm - CRI 92 - 48° |                          |
|                                         | black     |        |             | 22802830-6841    |       |                               |                          |
|                                         | m. silver |        |             | 22802870-6841    |       |                               |                          |

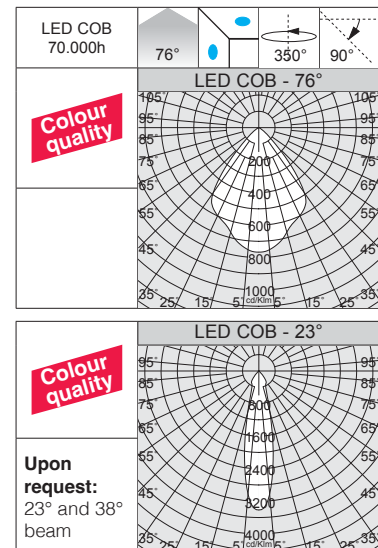


IP40 IK07



**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.

CRI&gt;90



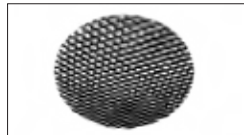
## Vision 2.0 big C - base - LONG version

| LED | colour    | weight | CLD         | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|-----|-----------|--------|-------------|------------------|-------|-------------------------------|
|     |           |        | code        | code             |       | K - ølm - CRI - degrees       |
| COB | white     | 1,90   | 22803013-00 | 22803013-1241    | 39    | 3000K - 3761lm - CRI>90 - 76° |
|     | black     |        | 22803033-00 | 22803033-1241    |       |                               |
|     | m. silver |        | 22803073-00 | 22803073-1241    |       |                               |
| COB | white     | 1,90   | 22803013-68 | 22803013-6841    | 39    | 4000K - 4073lm - CRI>90 - 76° |
|     | black     |        | 22803033-68 | 22803033-6841    |       |                               |
|     | m. silver |        | 22803073-68 | 22803073-6841    |       |                               |

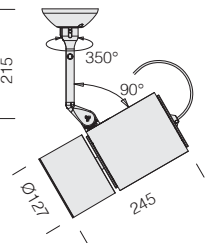
## Honeycomb screen

|         |             |
|---------|-------------|
| x small | 22005130-00 |
| x big   | 22005131-00 |

To reduce glare

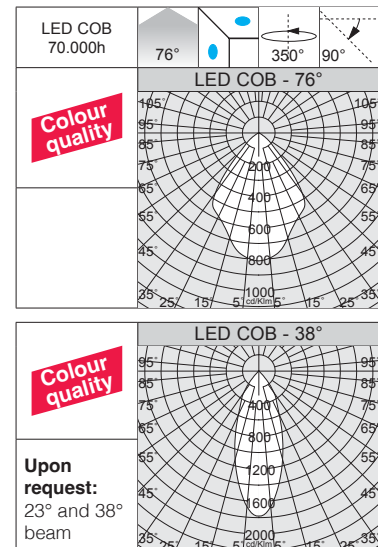


IP40 IK07



**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.95.

CRI&gt;90



## Vision 2.0 big L - base - LONG version

| LED | colour    | weight | CLD         | CLD D-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|-----|-----------|--------|-------------|------------------|-------|-------------------------------|
|     |           |        | code        | code             |       | K - ølm - CRI - degrees       |
| COB | white     | 2,20   | 22802913-00 | 22802913-1241    | 45    | 3000K - 4655lm - CRI>90 - 76° |
|     | black     |        | 22802933-00 | 22802933-1241    |       |                               |
|     | m. silver |        | 22802973-00 | 22802973-1241    |       |                               |
| COB | white     | 2,20   | 22802913-68 | 22802913-6841    | 45    | 4000K - 4891lm - CRI>90 - 76° |
|     | black     |        | 22802933-68 | 22802933-6841    |       |                               |
|     | m. silver |        | 22802973-68 | 22802973-6841    |       |                               |
| COB | white     | 2,20   | 22803413-00 | 22803413-1241    | 53    | 3000K - 5217lm - CRI>90 - 76° |
|     | black     |        | 22803433-00 | 22803433-1241    |       |                               |
|     | m. silver |        | 22803473-00 | 22803473-1241    |       |                               |
| COB | white     | 2,20   | 22803413-68 | 22803413-6841    | 53    | 4000K - 5592lm - CRI>90 - 76° |
|     | black     |        | 22803433-68 | 22803433-6841    |       |                               |
|     | m. silver |        | 22803473-68 | 22803473-6841    |       |                               |



## ADAPT THE CURRENT TO ACHIEVE OPTIMAL LUMINOUS FLUX

**DIP SWITCH SETTING:** the fixture comes with a *DIP SWITCH* driver for **THE SETTING OF THE OUTPUT CURRENT**. In this way you, can **ENSURE THE BEST LUMINOUS FLUX** for any lighting design.

The possibility to choose the correct drive current for LEDs will allow you to have the right power under specific design conditions. Using a lower current will improve the efficiency of fixtures and therefore increase energy savings, whilst a higher current will result in a higher light flux so that you can reduce the number of fixtures.



**Housing:** in die-cast aluminium.

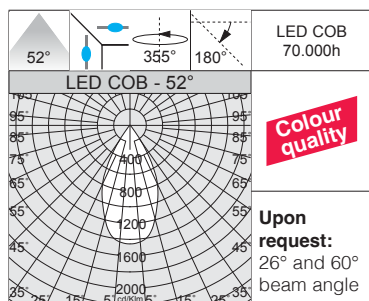
**Reflector:** in die-cast polished aluminium, high efficiency and anti-glare.

**Coating:** UV-resistant polyester epoxy powder coating.

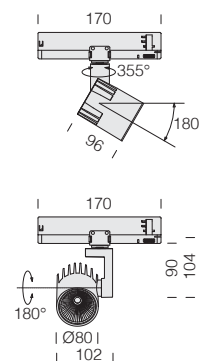
**Equipment:** adjustable around its vertical axis from 0° to 355°

**Standard:** manufactured pursuant to EN 60598-1-CEI 34.21 and with a degree of protection pursuant to EN 60529.

High-efficiency light **LED CRI>90** sources. The LED series was designed with a new technology that ensures uniform colour saturation. This is why these lamps are particularly suited in settings where reflections, transparencies, good colour and white quality are very important.



IP40 IK07



**LED:** luminous flux maintenance 80%: 70.000h (L80B10). Power factor >0.95.

| Krypton 1B - DIP SWITCH |        |        |             |       |                          |
|-------------------------|--------|--------|-------------|-------|--------------------------|
| LED                     | colour | weight | CLD         |       | LUMEN OUTPUT (tq= 25 °C) |
|                         |        |        | code        | I out |                          |
| COB                     | white  | 0,60   | 22104310-00 | 700   | 27                       |
|                         | black  |        | 22104330-00 |       |                          |
| COB                     | white  | 0,60   | 22104311-00 | 700   | 27                       |
|                         | black  |        | 22104331-00 |       |                          |

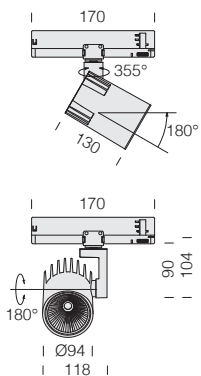
Upon request: DALI -1241 dimmable version to be used with OMNITRACK PLUS track-mounted system.  
Version with **HIGH EFFICIENCY LED** available.

| DIP SWITCH SETTING |       |       |                          |  |  |
|--------------------|-------|-------|--------------------------|--|--|
| I out              | W tot | K     | LUMEN OUTPUT (tq= 25 °C) |  |  |
|                    |       |       | K - ølm - CRI - degrees  |  |  |
| 650                | 25    | 3000K | 2695lm - CRI>90 - 52°    |  |  |
| 700                | 27    | 3000K | 2860lm - CRI>90 - 52°    |  |  |
| 800                | 30    | 3000K | 3190lm - CRI>90 - 52°    |  |  |

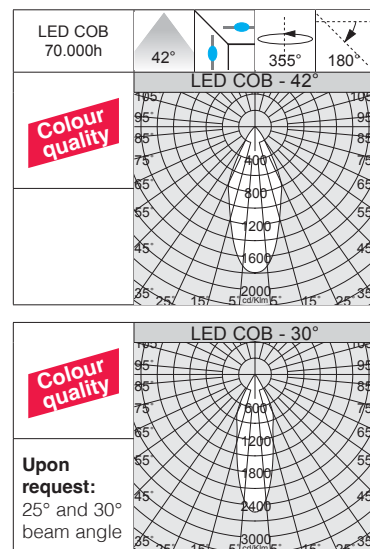
  

| DIP SWITCH SETTING |       |       |                          |  |  |
|--------------------|-------|-------|--------------------------|--|--|
| I out              | W tot | K     | LUMEN OUTPUT (tq= 25 °C) |  |  |
|                    |       |       | K - ølm - CRI - degrees  |  |  |
| 650                | 25    | 4000K | 2837lm - CRI>90 - 52°    |  |  |
| 700                | 27    | 4000K | 3011lm - CRI>90 - 52°    |  |  |
| 800                | 30    | 4000K | 3358lm - CRI>90 - 52°    |  |  |

IP40 IK07



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.



## Krypton 2B - DIP SWITCH

| LED | colour | weight | CLD         | I out | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|-----|--------|--------|-------------|-------|-------|-------------------------------|
|     |        |        |             |       |       | K - ølm - CRI - degrees       |
| COB | white  | 0,80   | 22104410-00 | 800   | 30    | 3000K - 3355lm - CRI>90 - 42° |
|     | black  |        | 22104430-00 |       |       |                               |
| COB | white  | 0,80   | 22104411-00 | 800   | 30    | 4000K - 3532lm - CRI>90 - 42° |
|     | black  |        | 22104431-00 |       |       |                               |

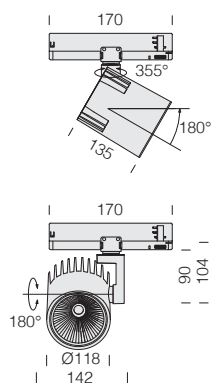
**Upon request:** DALI -1241 dimmable version to be used with OMNITRACK PLUS track-mounted system.  
Version with **HIGH EFFICIENCY LED** available.

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 800                | 30    | 3000K - 3355lm - CRI>90 - 42° |  |
| 900                | 34    | 3000K - 3697lm - CRI>90 - 42° |  |
| 950                | 36    | 3000K - 3869lm - CRI>90 - 42° |  |

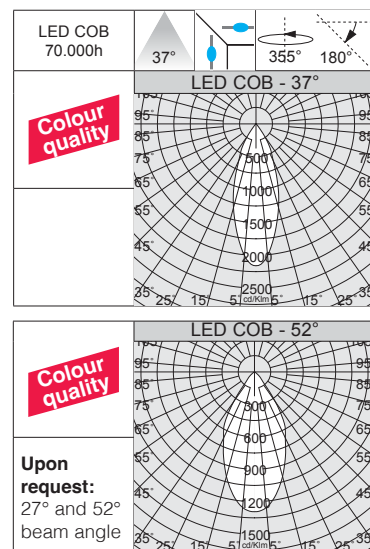
  

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 800                | 30    | 4000K - 3532lm - CRI>90 - 42° |  |
| 900                | 34    | 4000K - 3892lm - CRI>90 - 42° |  |
| 950                | 36    | 4000K - 4072lm - CRI>90 - 42° |  |

IP40 IK07



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.95.



## Krypton 3B - DIP SWITCH

| LED | colour | weight | CLD         | I out | W tot | LUMEN OUTPUT (tq= 25 °C)      |
|-----|--------|--------|-------------|-------|-------|-------------------------------|
|     |        |        |             |       |       | K - ølm - CRI - degrees       |
| COB | white  | 1,10   | 22104510-00 | 1050  | 40    | 3000K - 4418lm - CRI>90 - 37° |
|     | black  |        | 22104530-00 |       |       |                               |
| COB | white  | 1,10   | 22104511-00 | 1050  | 40    | 4000K - 4650lm - CRI>90 - 37° |
|     | black  |        | 22104531-00 |       |       |                               |

**Upon request:** DALI -1241 dimmable version to be used with OMNITRACK PLUS track-mounted system.  
Version with **HIGH EFFICIENCY LED** available.

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 900                | 34    | 3000K - 3860lm - CRI>90 - 37° |  |
| 1000               | 38    | 3000K - 4239lm - CRI>90 - 37° |  |
| 1050               | 40    | 3000K - 4418lm - CRI>90 - 37° |  |

| DIP SWITCH SETTING |       | LUMEN OUTPUT (tq= 25 °C)      |  |
|--------------------|-------|-------------------------------|--|
| I out              | W tot | K - ølm - CRI - degrees       |  |
| 900                | 34    | 4000K - 4063lm - CRI>90 - 37° |  |
| 1000               | 38    | 4000K - 4463lm - CRI>90 - 37° |  |
| 1050               | 40    | 4000K - 4650lm - CRI>90 - 37° |  |





**Techno Track 2.0** is the new modular lighting system that can be secured directly onto the cable track in a simple and, above all, safe manner thanks to its mechanical safety clamp. Techno Track 2.0 has a wide range of latest generation LED optics to meet the different lighting needs of shops and retail areas.

This lighting system offers versions with one, two, or three modules, available in two sizes: 600 mm and 1493 mm. What's more, it can be tilted up to 30°, thanks to the swivel joint on the adapter.

Another important feature is the capability to adjust the total power of the luminaire using a standard switch, ensuring aesthetic consistency while differentiating the amount of light emitted.

This extraordinary flexibility contributes to positioning **Techno Track 2.0** as a lighting solution that can be seamlessly integrated into any architectural setting, establishing it as a benchmark of excellence among lighting fixtures.

**Upon request:** version with CASAMBI automation lighting control system.  
For further information see chapter *Technical components*.





| Classification of UGR values by applications |      |                                                                          |
|----------------------------------------------|------|--------------------------------------------------------------------------|
| UGR                                          | ≤ 16 | Very demanding applications (technical drawings)                         |
|                                              | ≤ 19 | Offices and schools (reading, writing, business meetings, computer work) |
|                                              | ≤ 22 | Industrial applications, craftsmen                                       |
|                                              | > 28 | High glare                                                               |

**The UGR** (unified glare rating) is an international unified measure developed by the CIE (Commission Internationale de l'Eclairage) to assess the direct glare generated by a lighting system. The European standard regulating the lighting of indoor work places (**UNI-EN 12464-1**) recommends a specific UGR value for different applications ranging between **10 and 30; the lower the UGR value, the lower the glare**. The exact value of this index differs by

project type because it depends on the position of the luminaires, room characteristics (dimensions, reflections) and on the point of observation of viewers.

**FLEXIBLE:**

**Techno Track 2.0** includes versions with high precision optics, making it the most complete solution for fulfilling the diverse needs of new lighting systems as well as for the relamping of existing installations.

**COST-EFFECTIVE:**

**Techno Track 2.0** uses latest generation LED technology to produce light with unprecedented energy efficiency to notably reduce running costs and ensure quick payback.



**QUICK AND EASY:** **Techno Track 2.0** can be mounted in very few seconds; the lamp body can be hooked directly to the electrified track system without using tools thanks to its external clamping system.

**LOW MAINTENANCE:**

**Techno Track 2.0** features long-lasting LED sources, closed optics and a linear design that were specifically studied to minimize maintenance and cleaning needs to reduce running costs, while ensuring great light efficiency.

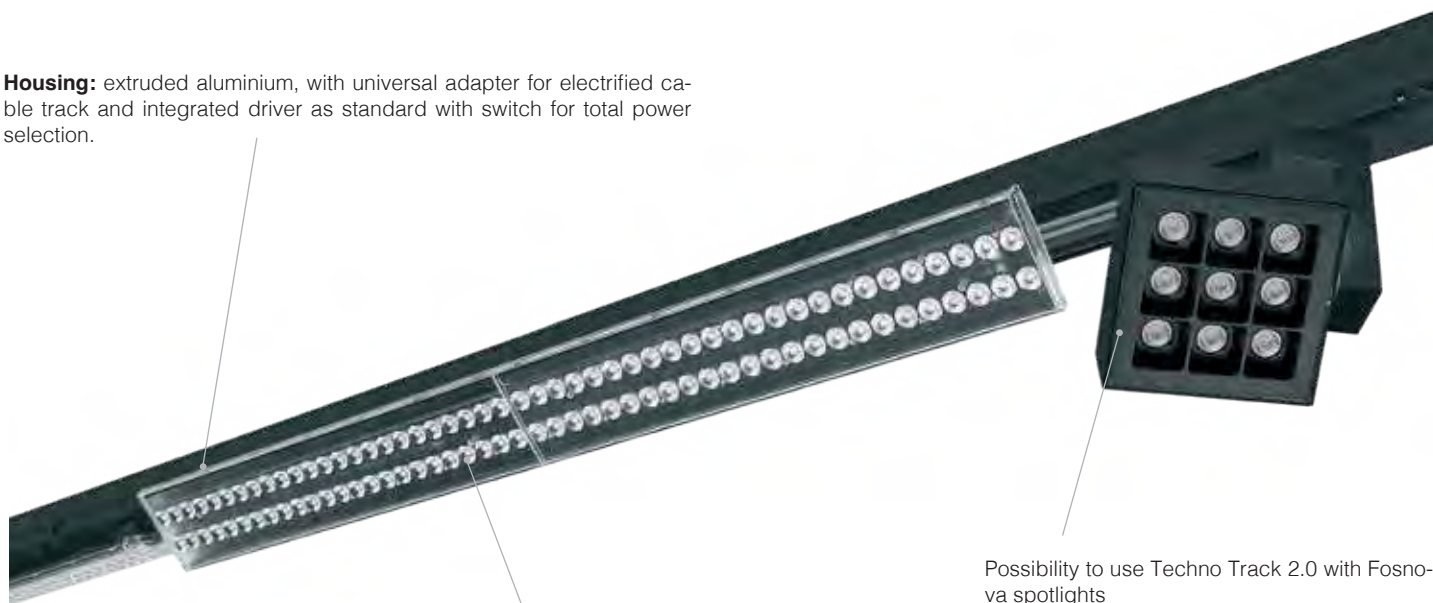
**VERSATILE:**

**Techno Track 2.0** is the best solution for addressing the different lighting needs within commercial spaces. Boasting an extraordinary compact body, it enables the creation of continuous light lines, easily adaptable to any lighting context.

**QUALITY:**

**Techno Track 2.0** is built with accurately selected materials, electronic components and latest generation LED to ensure amazing light levels and high precision optics as well as greater design flexibility, making the new Techno Track 2.0 a sector leading product.

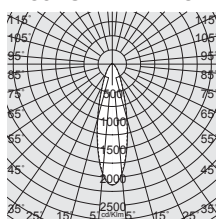
**Housing:** extruded aluminium, with universal adapter for electrified cable track and integrated driver as standard with switch for total power selection.



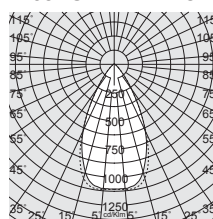
Possibility to use Techno Track 2.0 with Fosnova spotlights



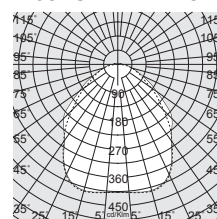
**Optics:** with high-performance PMMA lenticular lens. **Techno Track 2.0** includes one-module version featuring optics with 30° - 60° - 90°, two-module version featuring optics with 30°x90°, and three-module version featuring optics with 30°x30° and 30°x90° beam angles, making it the best product to fulfil the different lighting requirements of new lighting systems.

**30° SYMMETRIC**

Recommended installation height: 6-16 m

**60° SYMMETRIC**

Recommended installation height: 3-5 m

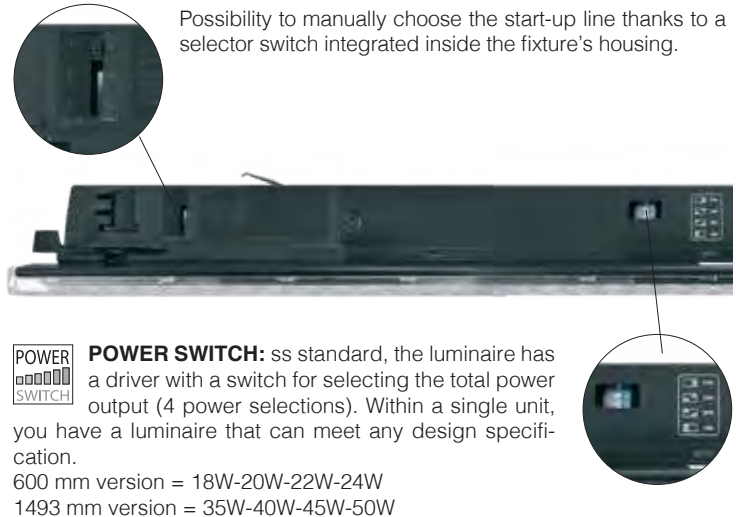
**90° SYMMETRIC**

Recommended installation height: 6-16 m



The fixture can be easily and, above all, safely hooked to the track with the clips thanks to the mechanical safety locking system.

The fastening adapter is also used to make electrical connections and install Techno Track 2.0 on electrified track systems.



The special technology used to develop the adapter ensures the perfect alignment of the modules thanks to the absence of any lateral protrusions. This allows acting on individual modules in order to guarantee a final "continuous light" effect.



Another notable feature is the mechanical joint integrated into the luminaire's body, enabling individual modules to tilt independently up to 30°. This feature grants users the ability to focus the light beam on the intended area.



Techno Track 2.0 - 1M



Techno Track 2.0 - 2M



Techno Track 2.0 - 3M



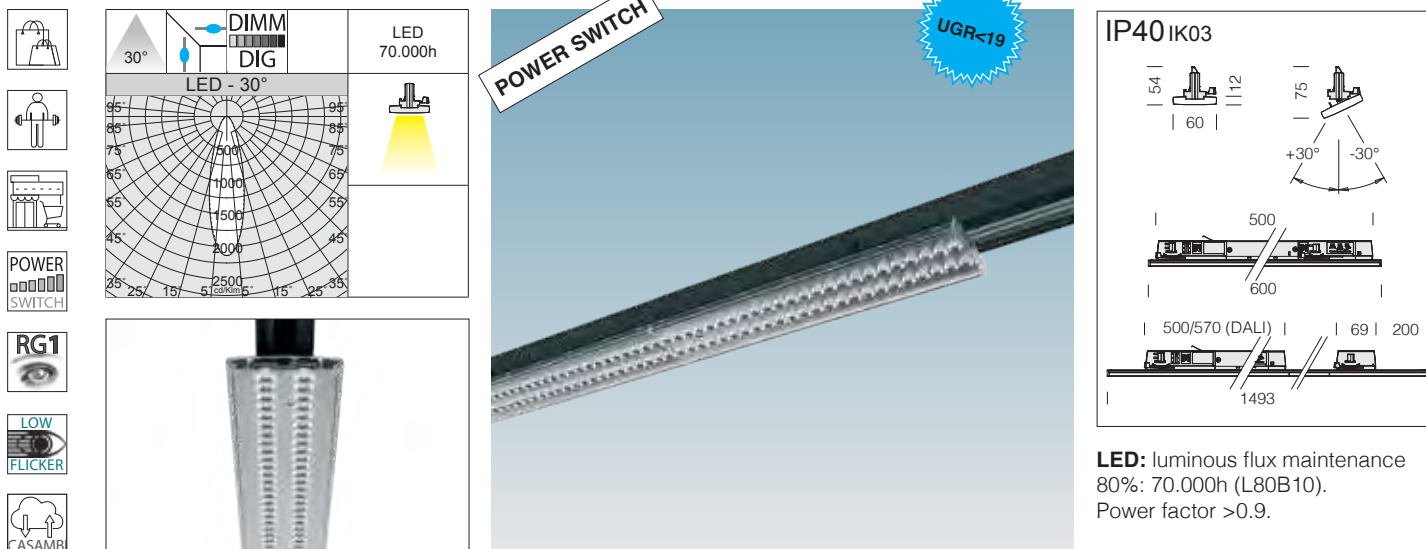
one-module version - tilt range 30°



two-module version - the side modules can be tilted individually or simultaneously by 30°

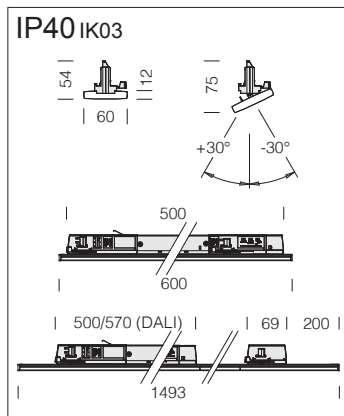


three-module version - the side modules can be tilted individually or simultaneously by 30°, while the central module is fixed

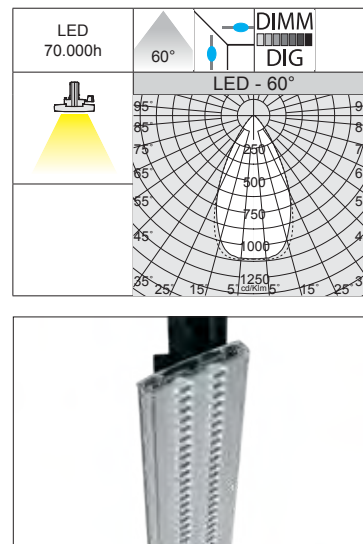


| Techno Track 2.0 - 1M - POWER SWITCH - symmetric 30° |        |        |      |                  |                                |                          |                                        |
|------------------------------------------------------|--------|--------|------|------------------|--------------------------------|--------------------------|----------------------------------------|
| CLD                                                  |        |        |      | CLD D-DIG (DALI) |                                | LUMEN OUTPUT (tq= 25 °C) |                                        |
| LED                                                  | colour | weight | L    | code             | code                           | W tot<br>min ÷ max       | K - ølm - CRI - degrees                |
| LED                                                  | black  | 0,60   | 600  | 22301130-00      |                                | 18 ÷ 24                  | 4000K - 2726lm ÷ 3456lm - CRI 80 - 30° |
|                                                      |        |        |      | 22301130-39      |                                |                          | 3000K - 2590lm ÷ 3283lm - CRI 80 - 30° |
| LED                                                  | black  | 1,10   | 1493 | 22301131-00      | 22301131-1241<br>22301131-3941 | 35 ÷ 50                  | 4000K - 5219lm ÷ 7218lm - CRI 80 - 30° |
|                                                      |        |        |      | 22301131-39      |                                |                          | 3000K - 4958lm ÷ 6857lm - CRI 80 - 30° |

Version with universal adapter to be used with OMNITRACK power track, DALI dimmable version to be used with OMNITRACK PLUS (power track to be purchased separately).

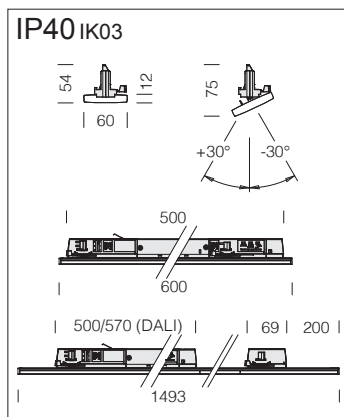


**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.9.

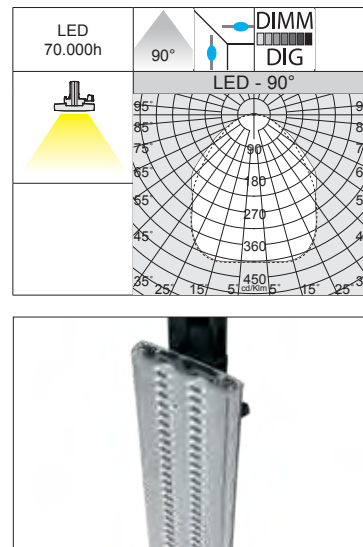
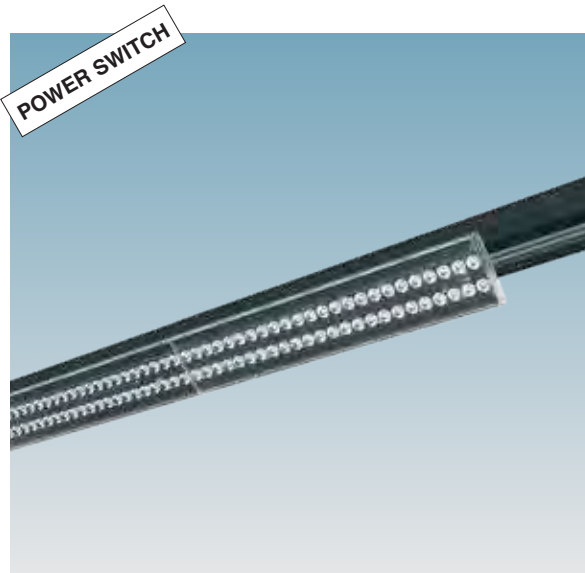


| Techno Track 2.0 - 1M - POWER SWITCH - symmetric 60° |        |        |      |                  |               |                          |                                        |
|------------------------------------------------------|--------|--------|------|------------------|---------------|--------------------------|----------------------------------------|
|                                                      |        | CLD    |      | CLD D-DIG (DALI) |               | LUMEN OUTPUT (tq= 25 °C) |                                        |
| LED                                                  | colour | weight | L    | code             | code          | W tot<br>min ÷ max       | K - ølm - CRI - degrees                |
| LED                                                  | black  | 0,60   | 600  | 22301230-00      |               | 18 ÷ 24                  | 4000K - 2805lm ÷ 3557lm - CRI 80 - 60° |
|                                                      |        |        |      | 22301230-39      |               |                          | 3000K - 2665lm ÷ 3379lm - CRI 80 - 60° |
| LED                                                  | black  | 1,40   | 1493 | 22301231-00      | 22301231-1241 | 35 ÷ 50                  | 4000K - 5370lm ÷ 7392lm - CRI 80 - 60° |
|                                                      |        |        |      | 22301231-39      |               |                          | 3000K - 5102lm ÷ 7022lm - CRI 80 - 60° |

Version with universal adapter to be used with OMNITRACK power track, DALI dimmable version to be used with OMNITRACK PLUS (power track to be purchased separately).



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.9.

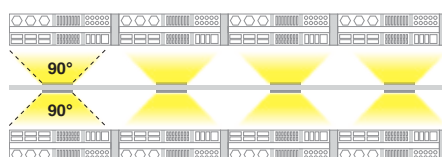
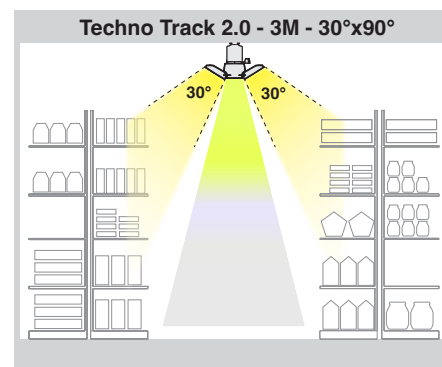
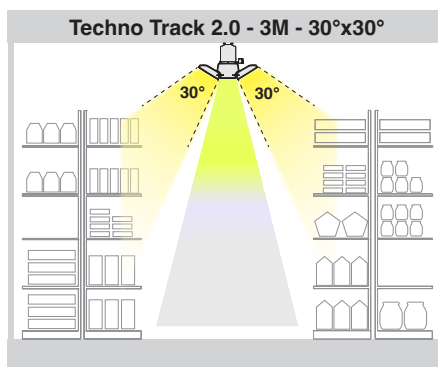
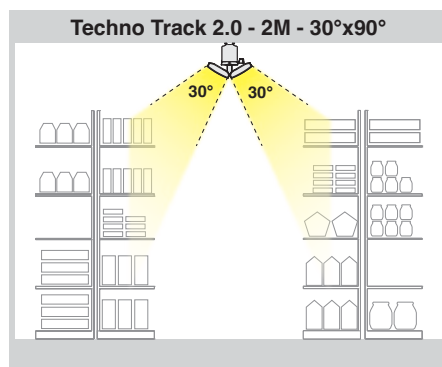


| Techno Track 2.0 - 1M - POWER SWITCH - symmetric 90° |        |        |      |                  |               |                          |                                        |
|------------------------------------------------------|--------|--------|------|------------------|---------------|--------------------------|----------------------------------------|
|                                                      |        | CLD    |      | CLD D-DIG (DALI) |               | LUMEN OUTPUT (tq= 25 °C) |                                        |
| LED                                                  | colour | weight | L    | code             | code          | W tot<br>min ÷ max       | K - ølm - CRI - degrees                |
| LED                                                  | black  | 0,60   | 600  | 22301330-00      |               | 18 ÷ 24                  | 4000K - 2488lm ÷ 3174lm - CRI 80 - 90° |
|                                                      |        |        |      | 22301330-39      |               |                          | 3000K - 2363lm ÷ 3015lm - CRI 80 - 90° |
| LED                                                  | black  | 1,10   | 1493 | 22301331-00      | 22301331-1241 | 35 ÷ 50                  | 4000K - 5016lm ÷ 6705lm - CRI 80 - 90° |
|                                                      |        |        |      | 22301331-39      |               |                          | 3000K - 4765lm ÷ 6370lm - CRI 80 - 90° |

Version with universal adapter to be used with OMNITRACK power track, DALI dimmable version to be used with OMNITRACK PLUS (power track to be purchased separately).



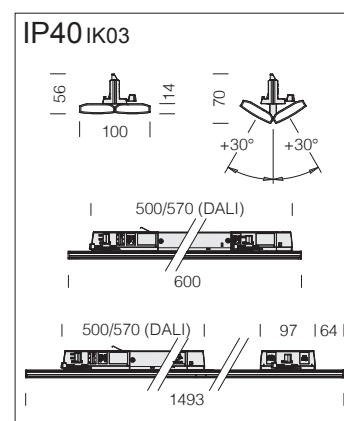
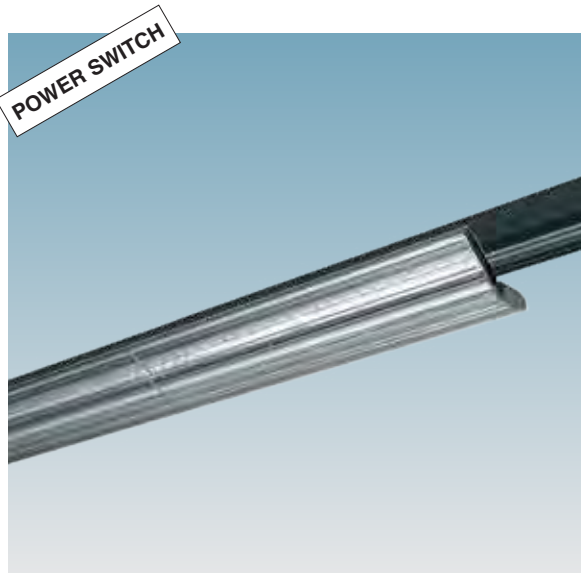
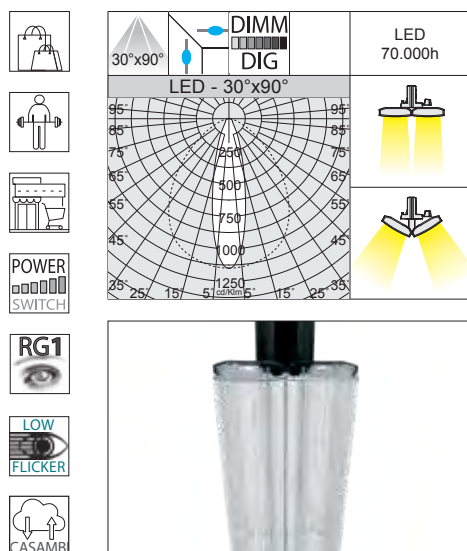
**Techno Track 2.0:** includes versions with high precision optics, making it the most complete solution for fulfilling the diverse needs of new lighting systems as well as for the relamping of existing installations.



**Techno Track 2.0 - 2M:** featuring modules equipped with 30° x 90° lenses, this system directs light onto large shelves, guaranteeing evenly distributed lighting without creating dark spots, even when luminaires are spaced up to 3 metres apart.

**Techno Track 2.0 - 3M:** featuring modules equipped with 30° x 30° lenses, this system directs light perfectly onto closely spaced or smaller shelves, without creating dark spots while the central module uniformly illuminates the passageway area.

**Techno Track 2.0 - 3M:** featuring modules equipped with 30° x 90° lenses, this system directs light perfectly onto large shelves, without creating dark spots, even when luminaires are spaced up to 3 metres apart. The central module uniformly illuminates the passageway area.

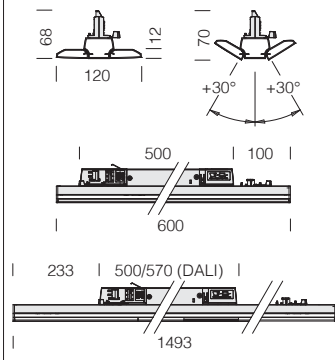


**LED:** luminous flux maintenance 80%: 70.000h (L80B10).  
Power factor >0.9.

| Techno Track 2.0 - 2M - POWER SWITCH - symmetric 30°x90° |        |        |      |                  |               |                          |                                            |
|----------------------------------------------------------|--------|--------|------|------------------|---------------|--------------------------|--------------------------------------------|
| CLD                                                      |        |        |      | CLD D-DIG (DALI) |               | LUMEN OUTPUT (tq= 25 °C) |                                            |
| LED                                                      | colour | weight | L    | code             | code          | W tot<br>min ÷ max       | K - ølm - CRI - degrees                    |
| LED                                                      | black  | 0,90   | 600  | 22301430-00      | 22301430-1241 | 18 ÷ 24                  | 4000K - 2545lm ÷ 3392lm - CRI 80 - 30°x90° |
|                                                          |        |        |      | 22301430-39      | 22301430-3941 |                          | 3000K - 2418lm ÷ 3222lm - CRI 80 - 30°x90° |
| LED                                                      | black  | 1,90   | 1493 | 22301431-00      | 22301431-1241 | 35 ÷ 50                  | 4000K - 5265lm ÷ 7242lm - CRI 80 - 30°x90° |
|                                                          |        |        |      | 22301431-39      | 22301431-3941 |                          | 3000K - 5002lm ÷ 6880lm - CRI 80 - 30°x90° |

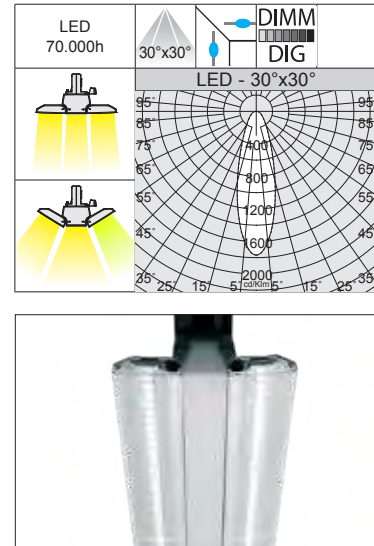
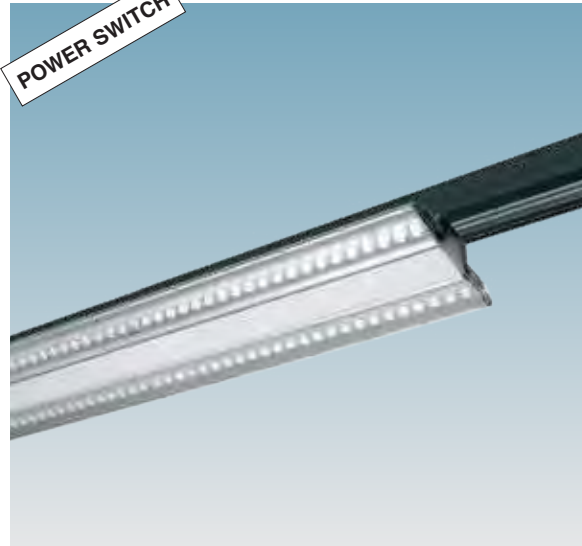
Version with universal adapter to be used with OMNITRACK power track, DALI dimmable version to be used with OMNITRACK PLUS (power track to be purchased separately).

IP40 IK03



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.9.

POWER SWITCH

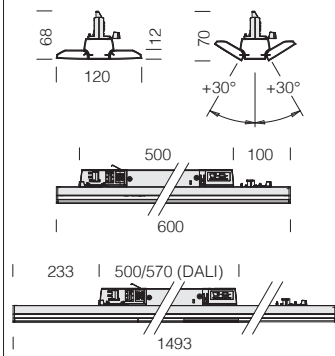


## Techno Track 2.0 - 3M - POWER SWITCH - symmetric 30°x30°

| LED | colour | weight | L    | CLD         | CLD D-DIG (DALI) | W tot<br>min ÷ max | LUMEN OUTPUT (tq= 25 °C)                   |
|-----|--------|--------|------|-------------|------------------|--------------------|--------------------------------------------|
|     |        |        |      | code        | code             |                    | K - ølm - CRI - degrees                    |
| LED | black  | 1,00   | 600  | 22301530-00 |                  | 18 ÷ 24            | 4000K - 2610lm ÷ 3427lm - CRI 80 - 30°x30° |
|     |        |        |      | 22301530-39 |                  |                    | 3000K - 2478lm ÷ 3256lm - CRI 80 - 30°x30° |
| LED | black  | 2,20   | 1493 | 22301531-00 | 22301531-1241    | 35 ÷ 50            | 4000K - 5075lm ÷ 6874lm - CRI 80 - 30°x30° |
|     |        |        |      | 22301531-39 | 22301531-3941    |                    | 3000K - 4822lm ÷ 6530lm - CRI 80 - 30°x30° |

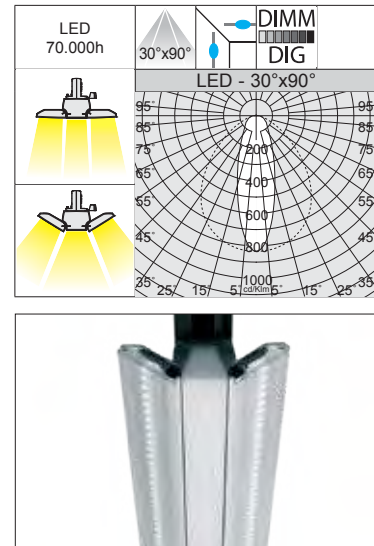
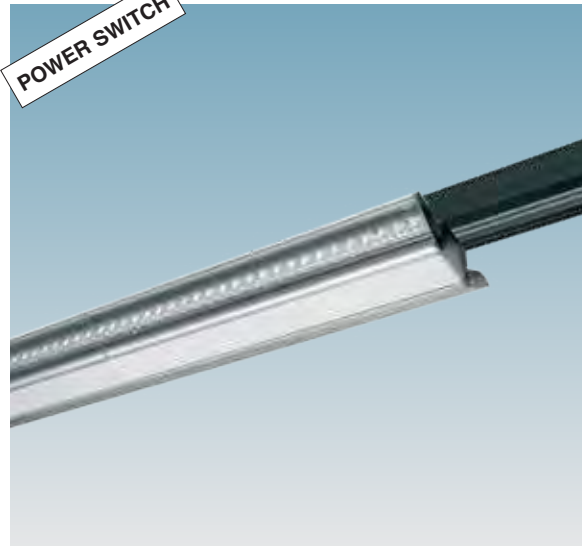
Version with universal adapter to be used with OMNITRACK power track, DALI dimmable version to be used with OMNITRACK PLUS (power track to be purchased separately).

IP40 IK03



**LED:** luminous flux maintenance  
80%: 70.000h (L80B10).  
Power factor >0.9.

POWER SWITCH



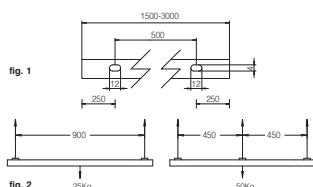
## Techno Track 2.0 - 3M - POWER SWITCH - symmetric 30°x90°

| LED | colour | weight | L    | CLD         | CLD D-DIG (DALI) | W tot<br>min ÷ max | LUMEN OUTPUT (tq= 25 °C)                   |
|-----|--------|--------|------|-------------|------------------|--------------------|--------------------------------------------|
|     |        |        |      | code        | code             |                    | K - ølm - CRI - degrees                    |
| LED | black  | 1,00   | 600  | 22301630-00 |                  | 18 ÷ 24            | 4000K - 2570lm ÷ 3329lm - CRI 80 - 30°x90° |
|     |        |        |      | 22301630-39 |                  |                    | 3000K - 2442lm ÷ 3163lm - CRI 80 - 30°x90° |
| LED | black  | 2,30   | 1493 | 22301631-00 | 22301631-1241    | 35 ÷ 50            | 4000K - 4998lm ÷ 6943lm - CRI 80 - 30°x90° |
|     |        |        |      | 22301631-39 | 22301631-3941    |                    | 3000K - 4748lm ÷ 6596lm - CRI 80 - 30°x90° |

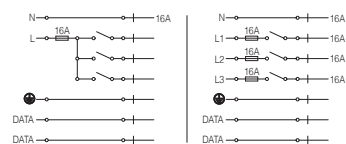
Version with universal adapter to be used with OMNITRACK power track, DALI dimmable version to be used with OMNITRACK PLUS (power track to be purchased separately).

16  
ADIMM  
DIGEM  
S.A.

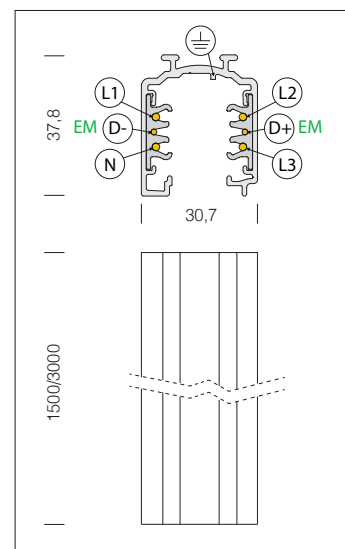
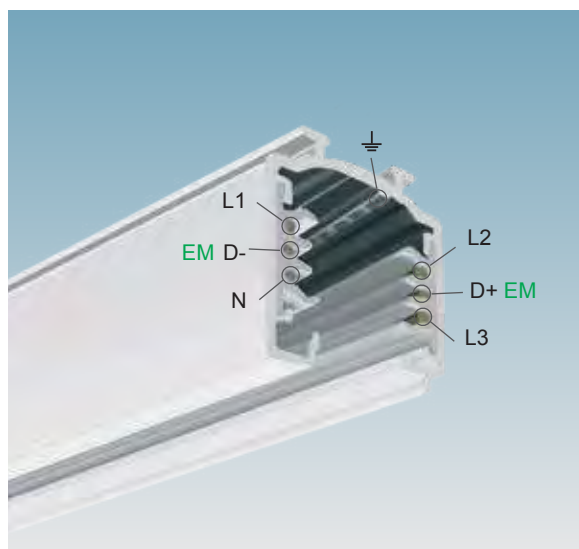
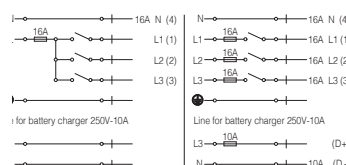
For direct ceiling or wall mounting, use the slots in the track (**fig.1**).  
For suspension mounting with accessories, do not exceed the maximum loads indicated (**fig.2**).



For cable layout, follow the wiring diagrams as shown below:



The emergency lamp and the battery **MUST ALWAYS** be connected to the same L3 phase:



### OmniTrack PLUS - 6 conductors

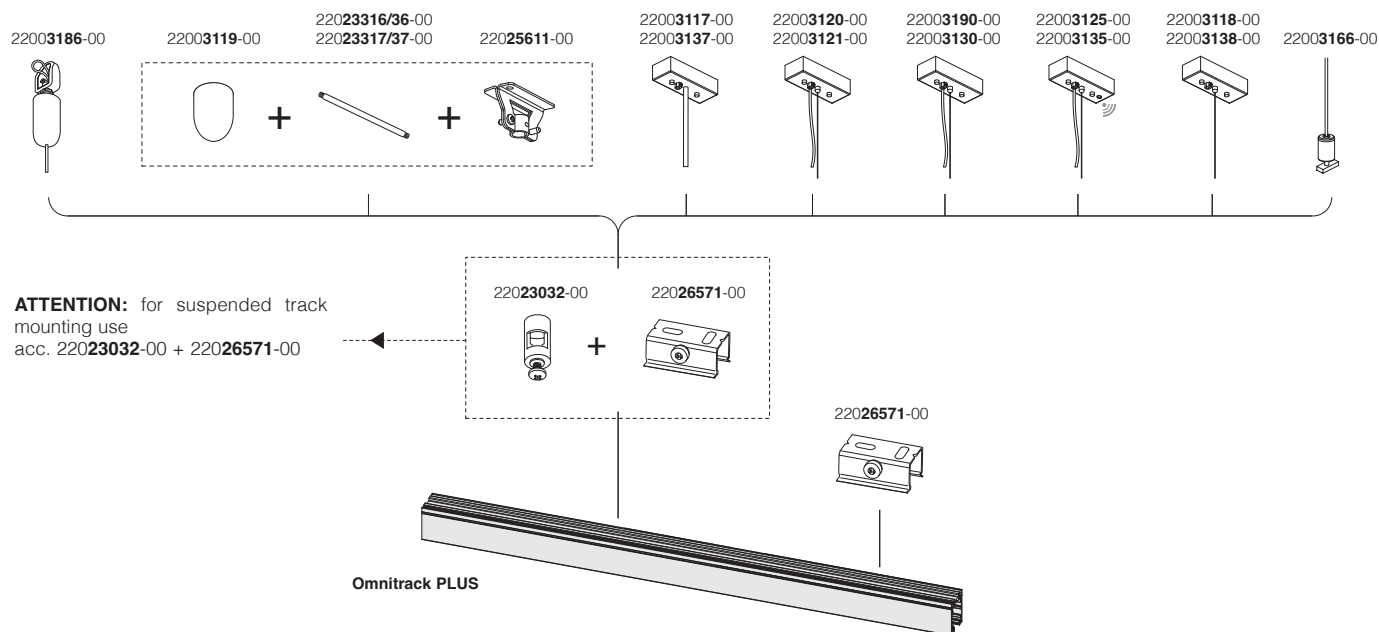
|        | L    | S           |
|--------|------|-------------|
| colour |      | code        |
| white  | 1500 | 22013310-00 |
|        | 3000 | 22013313-00 |
| black  | 1500 | 22013330-00 |
|        | 3000 | 22013333-00 |

Upon request: L= 2000 version

**OmniTrack PLUS 6 conductors:** the OmniTrack PLUS track-mounted system is a mixed three-phase system with two additional cables for the management of other signals (for example DALI, DMX, etc).



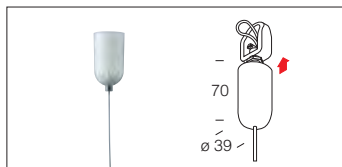
## Accessories with possible combinations for suspension/ ceiling mounting



## Ceiling suspension

|       |             |
|-------|-------------|
| white | 22003186-00 |
| black | 22003106-00 |

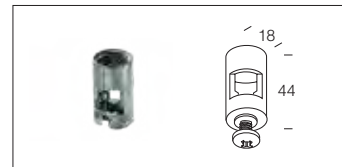
With steel wire (l = 1.5 m) and millimetre adjustment device. Max load: 20 kg.



## Suspension attachment

22023032-00

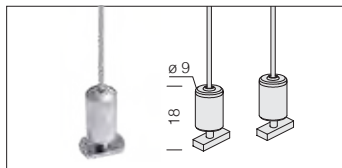
With millimetre adjustment device. For suspended track mounting use with acc. 22026571-00



## Suspension

|            |             |
|------------|-------------|
| galvanised | 22003166-00 |
|------------|-------------|

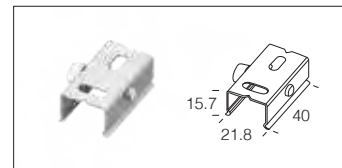
Supplied with steel wire (L = 150 cm) and millimetre adjustment device (2pcs). Max load: 20Kg.



## Ceiling Connection

|       |             |
|-------|-------------|
| steel | 22026571-00 |
|-------|-------------|

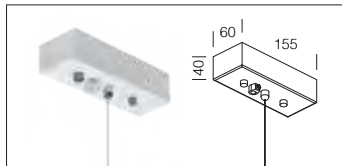
Device to fasten track to the ceiling or wall, also helps slide the track along its axis.



## Suspension with wire

|       |             |
|-------|-------------|
| white | 22003118-00 |
| black | 22003138-00 |

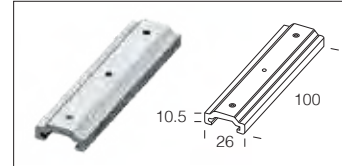
Complete with steel wire (L = 150cm) and millimetre adjustment device. Max load: 20 kg.



## bracket

|           |             |
|-----------|-------------|
| aluminium | 22026619-00 |
|-----------|-------------|

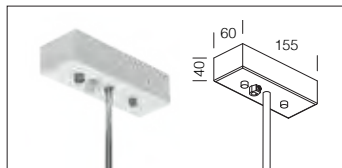
It permits mechanical connection of track. Use with acc. 22026218-00.



## Suspension with rods

|       |             |
|-------|-------------|
| white | 22003117-00 |
| black | 22003137-00 |

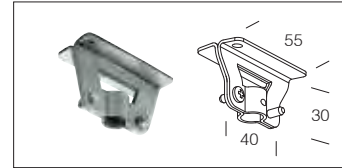
Complete with rods. Length: 50cm - Ø10 mm. Max load: 30 kg.



## Suspension attachment for Rods Ø 10

|       |             |
|-------|-------------|
| steel | 22025611-00 |
|-------|-------------|

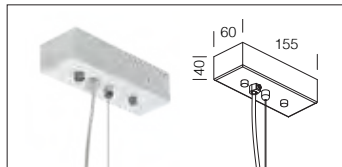
For suspension installation using a Ø10 rod. Max load: 30 kgs. Use with acc. 22003119-00.



## 3P powered suspension with wire

|       |             |
|-------|-------------|
| white | 22003190-00 |
| black | 22003130-00 |

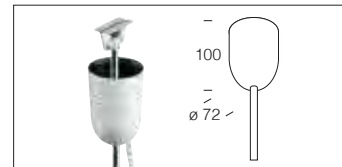
Supplied with steel wire (L = 150cm) and millimetre adjustment device and power cord. Max load: 20 kg.



## Ceiling rose for suspension rod

|       |             |
|-------|-------------|
| white | 22003119-00 |
| black | 22003139-00 |

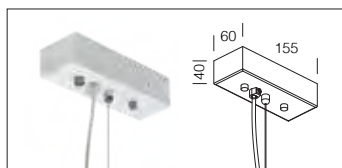
Finishing cup to be applied with Ø 10 rods. Use with acc. 22025611-00.



## 5P powered suspension with wire

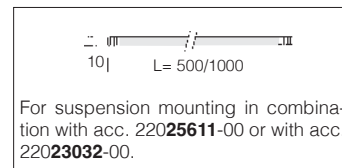
|       |             |
|-------|-------------|
| white | 22003120-00 |
| black | 22003121-00 |

Supplied with steel wire (L = 150cm) and power cord. For electric gear in EM and DIMM DALI versions. Max load: 20 kg.



## Tiges Ø 10

|        |       |             |
|--------|-------|-------------|
| L=500  | white | 22023316-00 |
| L=500  | black | 22023336-00 |
| L=1000 | white | 22023317-00 |
| L=1000 | black | 22023337-00 |



## Suspension wire

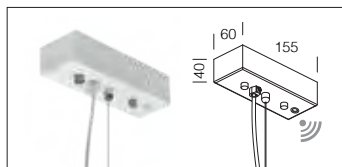
|              |             |
|--------------|-------------|
| steel        | 22005226-00 |
| 100 mt. wire |             |



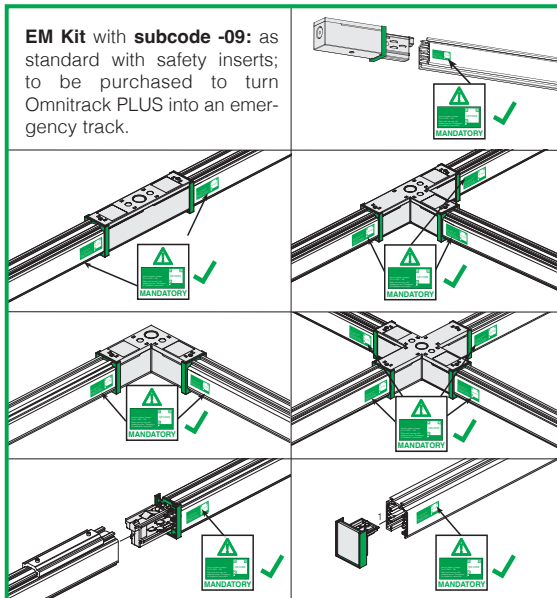
## 5P WIRELESS powered suspension

|       |             |
|-------|-------------|
| white | 22003125-00 |
| black | 22003135-00 |

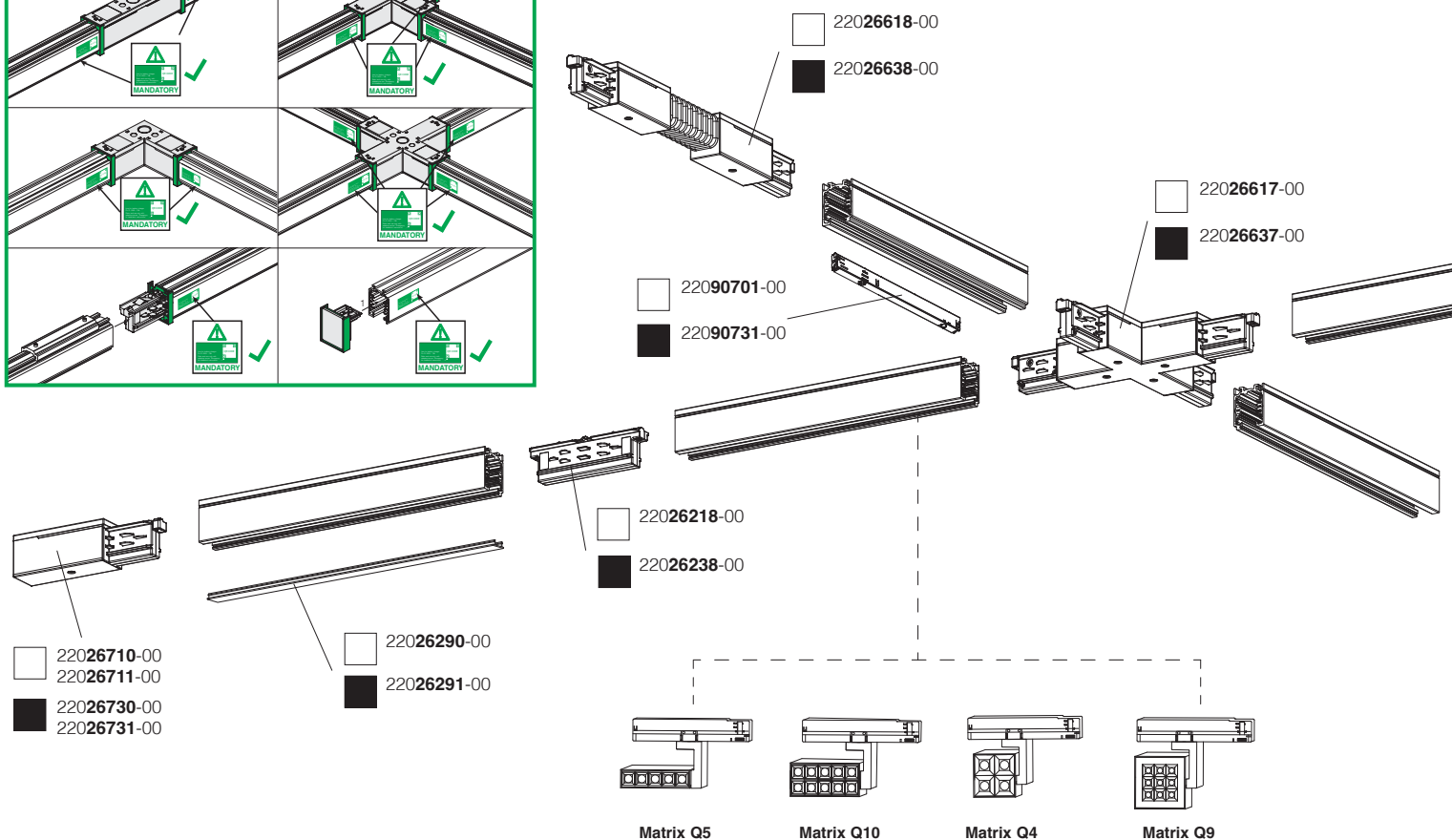
Supplied with steel wire (L = 150cm) and power cord. For the WIRELESS management of DIMM DALI versions (Out DALI : Max 7mA). Max load: 20 kg.



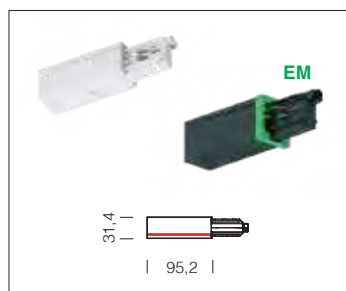
**EM Kit with subcode -09:** as standard with safety inserts; to be purchased to turn Omnitrack PLUS into an emergency track.



With the dedicated **EM KIT** and the retraction of the central conductors, the Omnitrack PLUS system can be used for a 250V/10A ordinary battery charging line for independent emergency devices.

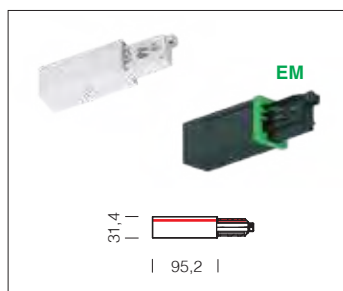


Red line: polarity ridge – top-down view



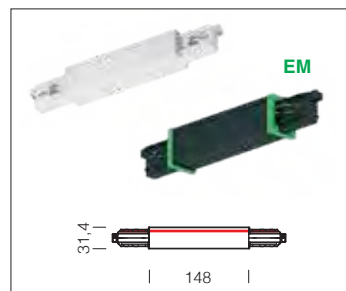
| Power supply - sx       |             |
|-------------------------|-------------|
| white                   | 22026710-00 |
| black                   | 22026730-00 |
| For track power supply. |             |

| EM Power supply - sx    |             |
|-------------------------|-------------|
| white                   | 22026710-09 |
| black                   | 22026730-09 |
| For track power supply. |             |



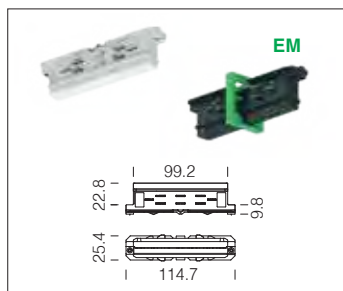
| Power supply - dx       |             |
|-------------------------|-------------|
| white                   | 22026711-00 |
| black                   | 22026731-00 |
| For track power supply. |             |

| EM Power supply - dx    |             |
|-------------------------|-------------|
| white                   | 22026711-09 |
| black                   | 22026731-09 |
| For track power supply. |             |



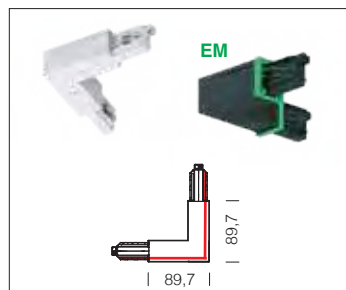
| Linear joint                                   |             |
|------------------------------------------------|-------------|
| white                                          | 22026612-00 |
| black                                          | 22026632-00 |
| It permits electric and mechanical connection. |             |

| EM Linear joint                                |             |
|------------------------------------------------|-------------|
| white                                          | 22026612-09 |
| black                                          | 22026632-09 |
| It permits electric and mechanical connection. |             |



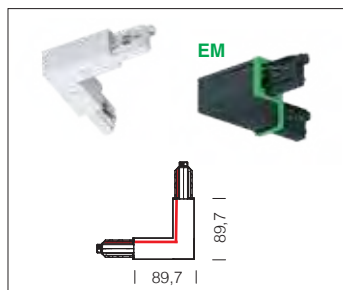
| Linear joint                                                                             |             |
|------------------------------------------------------------------------------------------|-------------|
| white                                                                                    | 22026218-00 |
| black                                                                                    | 22026238-00 |
| For perfect alignment of powered tracks and power connection. Use with acc. 22026619-00. |             |

| EM Linear joint                                                                          |             |
|------------------------------------------------------------------------------------------|-------------|
| white                                                                                    | 22026218-09 |
| black                                                                                    | 22026238-09 |
| For perfect alignment of powered tracks and power connection. Use with acc. 22026619-00. |             |



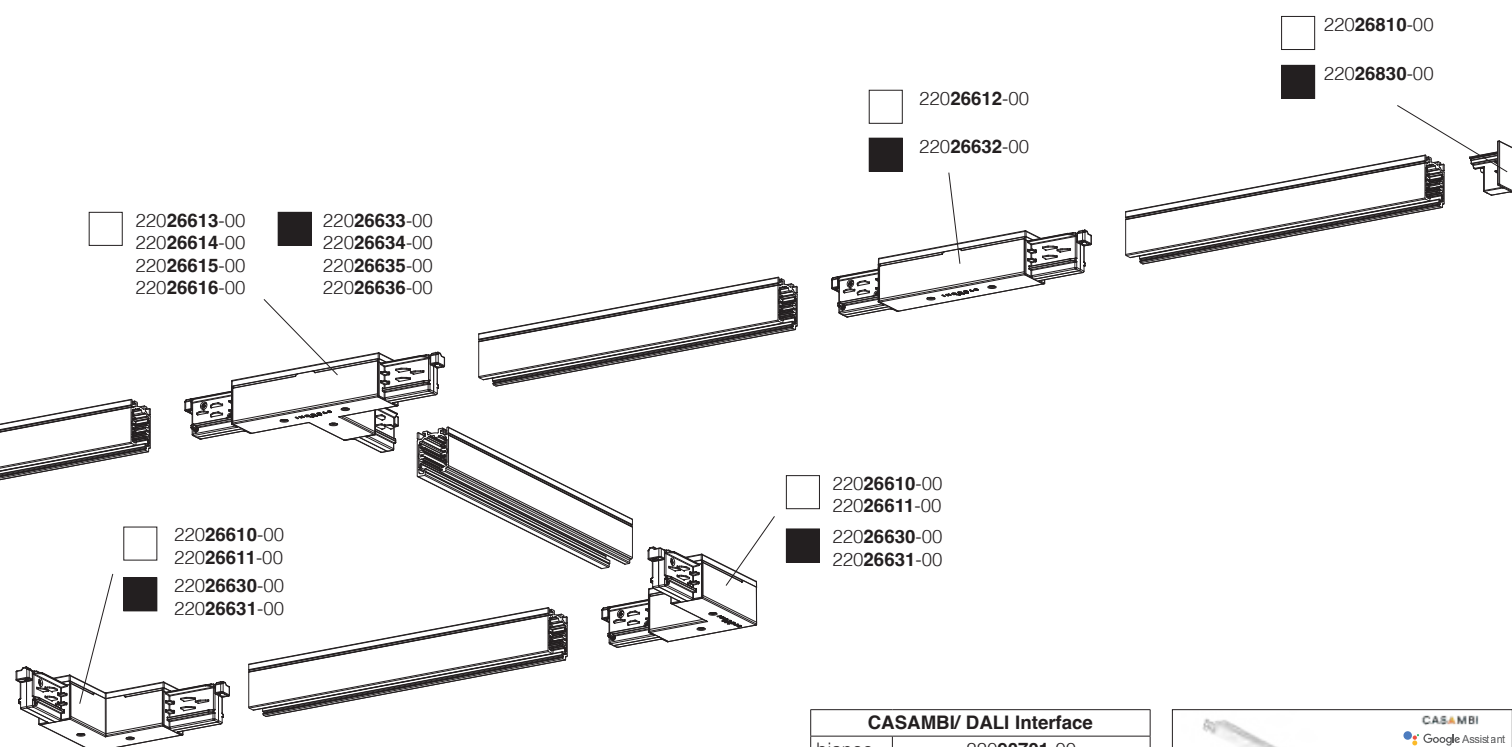
| External L-shaped Joint                                               |             |
|-----------------------------------------------------------------------|-------------|
| white                                                                 | 22026610-00 |
| black                                                                 | 22026630-00 |
| It provides "external" electric connection and mechanical connection. |             |

| EM External L-shaped Joint                                            |             |
|-----------------------------------------------------------------------|-------------|
| white                                                                 | 22026610-09 |
| black                                                                 | 22026630-09 |
| It provides "external" electric connection and mechanical connection. |             |



| Internal L-shaped joint                                               |             |
|-----------------------------------------------------------------------|-------------|
| white                                                                 | 22026611-00 |
| black                                                                 | 22026631-00 |
| It provides "internal" electric connection and mechanical connection. |             |

| EM Internal L-shaped joint                                            |             |
|-----------------------------------------------------------------------|-------------|
| white                                                                 | 22026611-09 |
| black                                                                 | 22026631-09 |
| It provides "internal" electric connection and mechanical connection. |             |



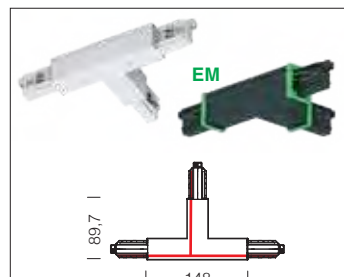
| End cap                               |             |
|---------------------------------------|-------------|
| white                                 | 22026810-00 |
| black                                 | 22026830-00 |
| End cap for track with locking screw. |             |

| EM End cap                            |             |
|---------------------------------------|-------------|
| white                                 | 22026810-09 |
| black                                 | 22026830-09 |
| End cap for track with locking screw. |             |



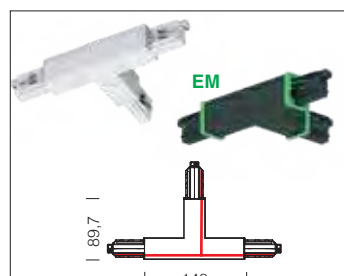
| T-shaped, right sided joint                                              |             |
|--------------------------------------------------------------------------|-------------|
| white                                                                    | 22026613-00 |
| black                                                                    | 22026633-00 |
| It provides "right-sided" electric connection and mechanical connection. |             |

| EM T-shaped, right sided joint                                           |             |
|--------------------------------------------------------------------------|-------------|
| white                                                                    | 22026613-09 |
| black                                                                    | 22026633-09 |
| It provides "right-sided" electric connection and mechanical connection. |             |



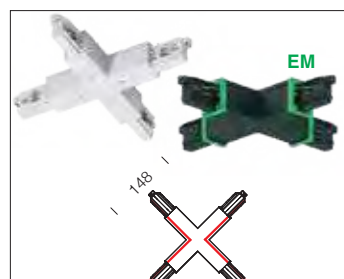
| T-shaped, left sided joint                                              |             |
|-------------------------------------------------------------------------|-------------|
| white                                                                   | 22026616-00 |
| black                                                                   | 22026636-00 |
| It provides "left-sided" electric connection and mechanical connection. |             |

| EM T-shaped, left sided joint                                           |             |
|-------------------------------------------------------------------------|-------------|
| white                                                                   | 22026616-09 |
| black                                                                   | 22026636-09 |
| It provides "left-sided" electric connection and mechanical connection. |             |



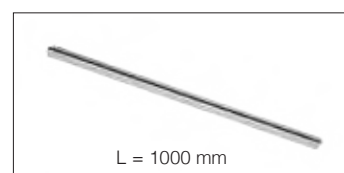
| Cross joint                                                               |             |
|---------------------------------------------------------------------------|-------------|
| white                                                                     | 22026617-00 |
| black                                                                     | 22026637-00 |
| It provides "cross-shaped" electric connection and mechanical connection. |             |

| EM Cross joint                                                            |             |
|---------------------------------------------------------------------------|-------------|
| white                                                                     | 22026617-09 |
| black                                                                     | 22026637-09 |
| It provides "cross-shaped" electric connection and mechanical connection. |             |



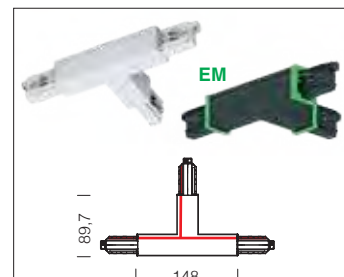
| CASAMBI/ DALI Interface                                                                                                                                                                                 |             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| bianco                                                                                                                                                                                                  | 22090701-00 |
| nero                                                                                                                                                                                                    | 22090731-00 |
| CASAMBI master interface for controlling track-mounted DALI spotlights (max 64 DALI spotlights/8 groups). Available upon request with built-in VOICE activation for Alexa, Google Home (Wi-Fi) devices. |             |

| Additional cover strip                      |             |
|---------------------------------------------|-------------|
| blanco                                      | 22026290-00 |
| black                                       | 22026291-00 |
| To be applied to track as additional cover. |             |



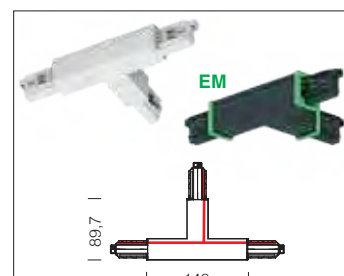
| T-shaped, right sided joint                                              |             |
|--------------------------------------------------------------------------|-------------|
| white                                                                    | 22026614-00 |
| black                                                                    | 22026634-00 |
| It provides "right-sided" electric connection and mechanical connection. |             |

| EM T-shaped, right sided joint                                           |             |
|--------------------------------------------------------------------------|-------------|
| white                                                                    | 22026614-09 |
| black                                                                    | 22026634-09 |
| It provides "right-sided" electric connection and mechanical connection. |             |



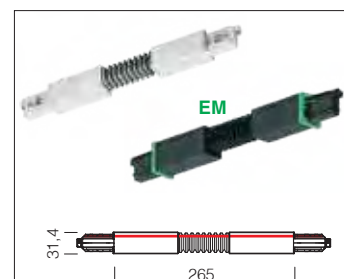
| T-shaped, left sided joint                                              |             |
|-------------------------------------------------------------------------|-------------|
| white                                                                   | 22026615-00 |
| black                                                                   | 22026635-00 |
| It provides "left-sided" electric connection and mechanical connection. |             |

| EM T-shaped, left sided joint                                           |             |
|-------------------------------------------------------------------------|-------------|
| white                                                                   | 22026615-09 |
| black                                                                   | 22026635-09 |
| It provides "left-sided" electric connection and mechanical connection. |             |



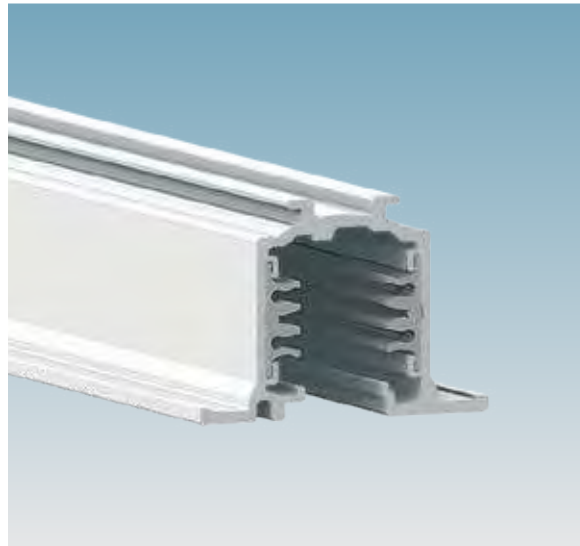
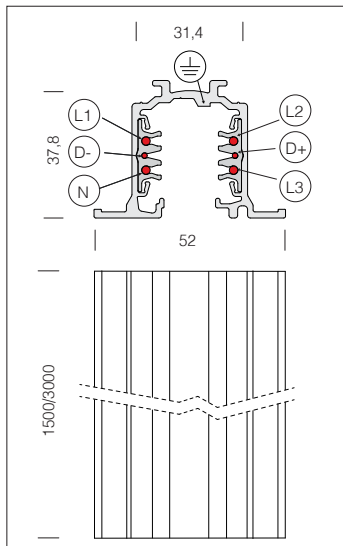
| Flexible joint                                             |             |
|------------------------------------------------------------|-------------|
| white                                                      | 22026618-00 |
| black                                                      | 22026638-00 |
| It provides electric connection and mechanical connection. |             |

| EM Flexible joint                                          |             |
|------------------------------------------------------------|-------------|
| white                                                      | 22026618-09 |
| black                                                      | 22026638-09 |
| It provides electric connection and mechanical connection. |             |





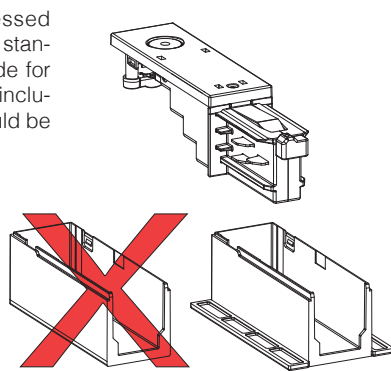




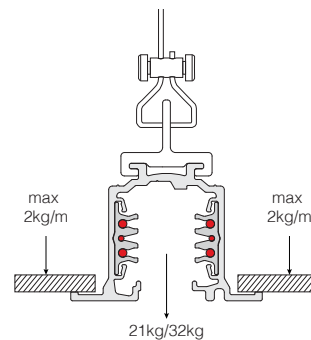
**Omnitrack PLUS 6 conductors - recessed:** the Omnitrack PLUS track-mounted system is a mixed three-phase system with two additional cables for the management of other signals (for example DALI, DMX).

| Omnitrack PLUS - recessed - DIMM - 6 conductors |      |             |
|-------------------------------------------------|------|-------------|
|                                                 |      | S           |
| colour                                          | L    | code        |
| white                                           | 1500 | 22013410-00 |
|                                                 | 3000 | 22013411-00 |

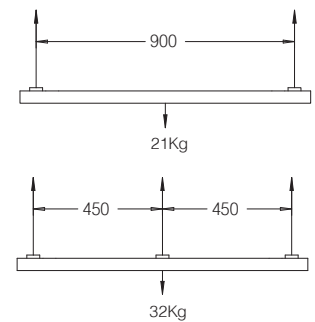
**ATTENTION:** for recessed mounting please replace the standard cover with the one made for false ceilings (which is not included in the package and should be ordered separately).



Fixing system with suspension bracket



For recessed mounting do not exceed the maximum loads indicated



| False ceiling cover for head plate |             |
|------------------------------------|-------------|
| white                              | 22020510-00 |



| Suspension bracket                              |             |
|-------------------------------------------------|-------------|
| aluminium                                       | 22026572-00 |
| For suspension and perfect alignment of tracks. |             |



| False ceiling cover for direct joint |             |
|--------------------------------------|-------------|
| white                                | 22020511-00 |



| False ceiling cover for X-joint |             |
|---------------------------------|-------------|
| white                           | 22020514-00 |



| False ceiling cover for L-joint |             |
|---------------------------------|-------------|
| white                           | 22020512-00 |



| Additional cover strip                      |             |
|---------------------------------------------|-------------|
| blanco                                      | 22026290-00 |
| To be applied to track as additional cover. |             |

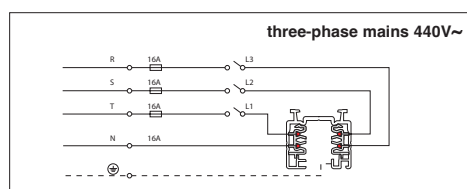
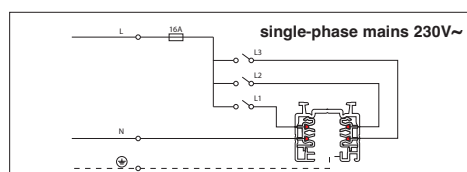
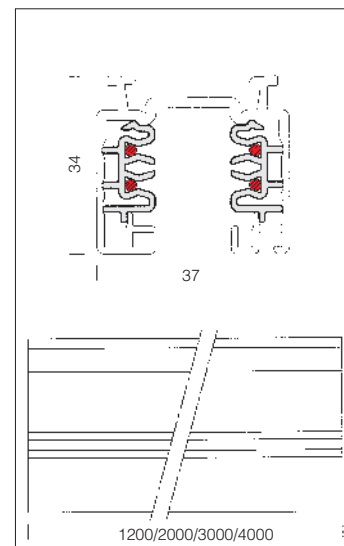
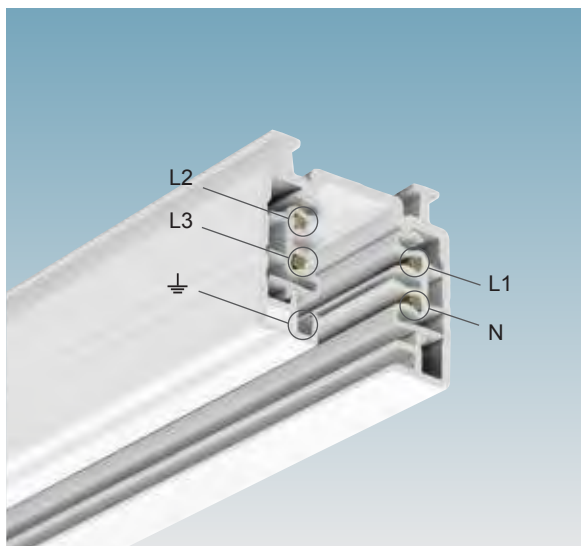


| False ceiling cover for T-joint |             |
|---------------------------------|-------------|
| white                           | 22020513-00 |



| End cap                               |             |
|---------------------------------------|-------------|
| white                                 | 22026811-00 |
| End cap for track with locking screw. |             |



16  
A

| Omni-track 3 circuit track |                 |        |             |
|----------------------------|-----------------|--------|-------------|
|                            |                 | S      |             |
| m                          | colour          | weight | code        |
| 1,20                       | white Al. track | 1,30   | 22015011-00 |
| 2,00                       |                 | 2,00   | 22015112-00 |
| 3,00                       |                 | 3,00   | 22015213-00 |
| 1,20                       | black Al. track | 1,30   | 22015031-00 |
| 2,00                       |                 | 2,00   | 22015132-00 |
| 3,00                       |                 | 3,00   | 22015233-00 |
| 1,20                       | oxy. Al. track  | 1,30   | 22015071-00 |
| 2,00                       |                 | 2,00   | 22015172-00 |
| 3,00                       |                 | 3,00   | 22015273-00 |
| 4,00                       |                 | 4,00   | 22015374-00 |

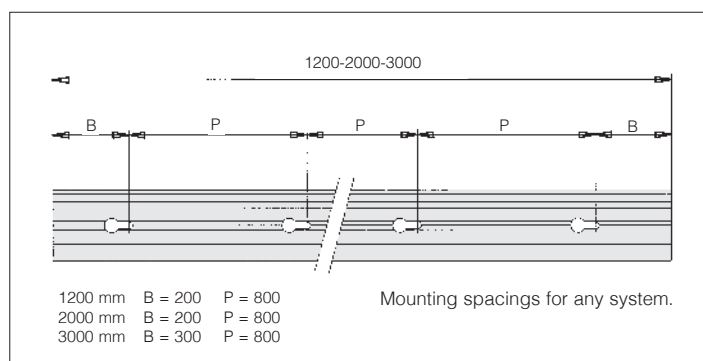
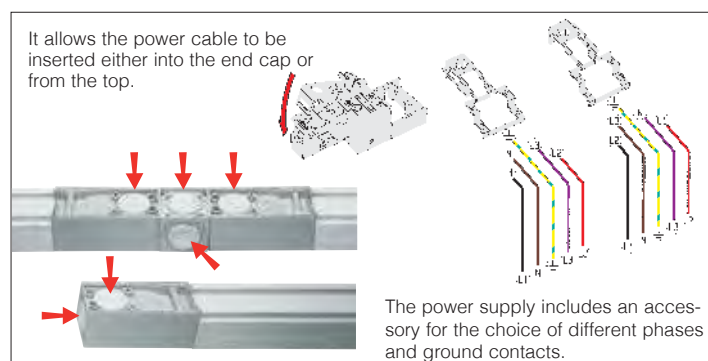
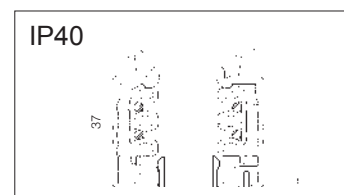
Supplied with cap.

**Housing:** Three-phase track for 3 separate electrical circuits. Extruded aluminium rectangular section, containing an insulating PVC profile with 4 copper leads, while the profile itself provides the system's grounding. Maximum load: 16A for each conductor.

**Standard supply:** Supplied with one end cap. Along the top of the track are slots to be used for fastening or recesses for insertion of accessories. Omni-track is designed to accommodate most adapters available on the market. Upon request,

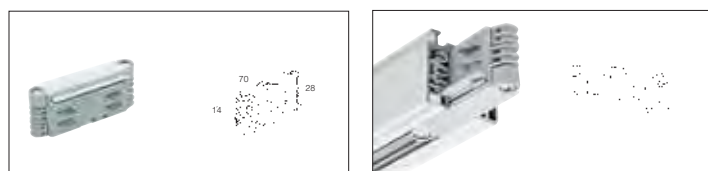


| Omni-track with IP40 cover |                |        |             |
|----------------------------|----------------|--------|-------------|
|                            |                | S      |             |
| m                          | colour         | weight | code        |
| 1,20                       | oxy. Al. track | 0,60   | 22015072-00 |
| 2,00                       |                | 2,40   | 22015173-00 |
| 3,00                       |                | 3,60   | 22015274-00 |
| 4,00                       |                | 4,80   | 22015375-00 |



| Power supply  |        |        |             |
|---------------|--------|--------|-------------|
| material      | colour | weight | code        |
| polycarbonate | white  | 0,09   | 22025102-00 |
|               | grey   |        | 22025110-00 |
|               | black  |        | 22025131-00 |

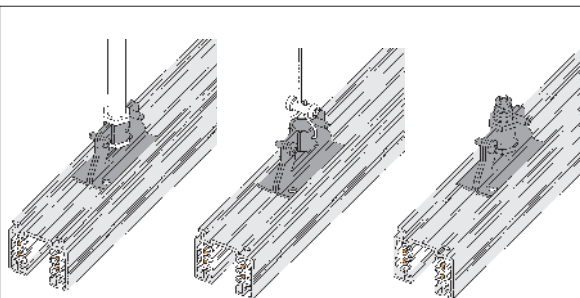
For track power supply. Quick-connect with a guide pawl and an accessory for the selection of phase-neutral position.



| Linear joint  |        |        |             |
|---------------|--------|--------|-------------|
| material      | colour | weight | code        |
| polycarbonate | white  | 0,08   | 22025404-00 |
|               | grey   |        | 22025410-00 |
|               | black  |        | 22025435-00 |

For perfect alignment of POWERED TRACKS and power connection. Quick-connect with a guide pawl.

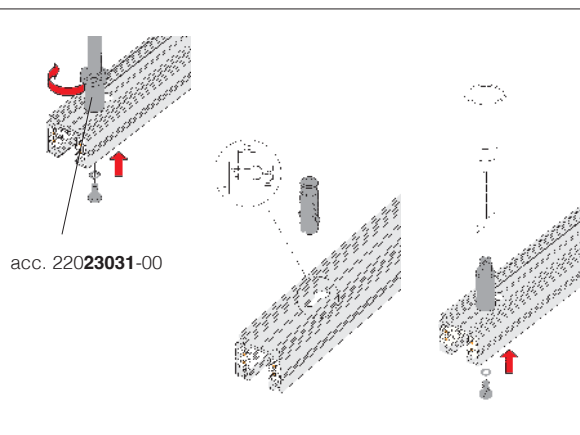




The track is equipped with a slot for direct ceiling installation without accessories, or for suspension installation.

The slot enables:

- suspension with Ø 13 rod
- steel wire suspension
- direct ceiling installation by means of fisher screws.

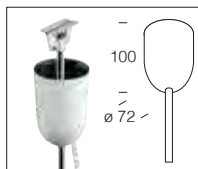


acc. 22023031-00

#### Ceiling rose for suspension rod

|       |             |
|-------|-------------|
| white | 22003119-00 |
| black | 22003139-00 |

Finishing cup to be applied with Ø 10 rods.



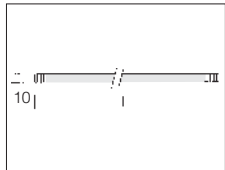
#### Rods Ø 10 - white

|        |             |
|--------|-------------|
| L=500  | 22023316-00 |
| L=1000 | 22023317-00 |

#### Rods Ø 10 - black

|        |             |
|--------|-------------|
| L=500  | 22023336-00 |
| L=1000 | 22023337-00 |

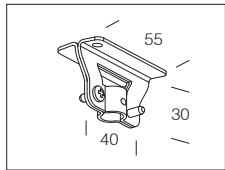
For suspension mounting in combination with acc. 22025611-00 or with acc. 22023032-00.



#### Suspension attachment

|       |             |
|-------|-------------|
| steel | 22025611-00 |
|-------|-------------|

For suspension installation using a Ø10 rod, steel wire acc. 22003106/86-00 or 22003187/07-00. Optionally, it can be made to slide along the track's axis. Max load: 20 kg. with steel wire and 30 kgs with rods.



#### Ceiling Connection

|       |             |
|-------|-------------|
| steel | 22025610-00 |
|-------|-------------|

Device to fasten track to the ceiling or wall, also helps slide the track along its axis. Max load: 20 kg. every 35 cm.



#### End cap

|       |             |
|-------|-------------|
| white | 22025505-00 |
| grey  | 22025510-00 |
| black | 22025536-00 |

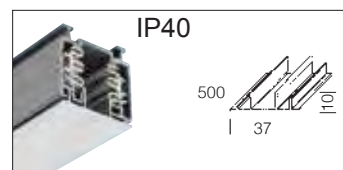
Polycarbonate. To be used when the track is cut into several pieces.



#### OmniTrack with IP40 cover

|                 |             |
|-----------------|-------------|
| white Al. track | 22025515-00 |
| black Al. track | 22025533-00 |
| oxy. Al. track  | 22025572-00 |

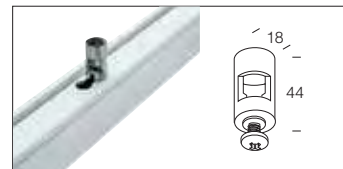
To be applied to OmniTrack track as a cover, in this case the track complies with IP40 rating, according to CEI EN 60529 standard.



#### Suspension attachment rods ø 13

|       |             |
|-------|-------------|
| steel | 22023031-00 |
|-------|-------------|

To be used with rods Ø13. Max load 20 kg every 35 cm.



#### Suspension attachment

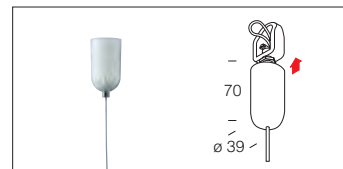
|  |             |
|--|-------------|
|  | 22023032-00 |
|--|-------------|

With millimetre adjustment device to be used with acc. 22003106/86/07/87/66-00.

#### Ceiling suspension

|       |             |
|-------|-------------|
| white | 22003186-00 |
| black | 22003106-00 |

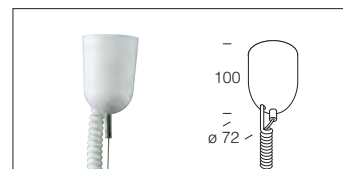
With steel wire (l = 1.5 m) and millimetre adjustment device. Max load: 20 kg.



#### Powered ceiling suspension 3 p.

|       |             |
|-------|-------------|
| white | 22003187-00 |
| black | 22003107-00 |

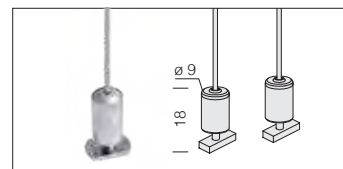
With steel wire (l=1.5m), adjustment device, and power cord. Max load: 20 kg.



#### Suspension attachment

|               |             |
|---------------|-------------|
| nickel-plated | 22003166-00 |
|---------------|-------------|

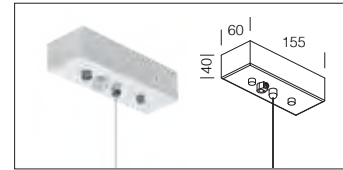
Supplied with steel wire (L=150 cm) and millimetre adjustment device (2pcs). Max load: 20Kg.



#### Suspension with wire

|        |             |
|--------|-------------|
| silver | 22003176-00 |
| white  | 22003118-00 |
| black  | 22003138-00 |

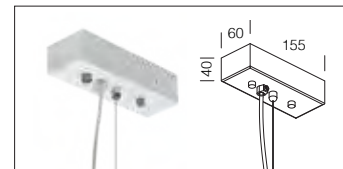
Complete with steel wire (L = 150cm) and millimetre adjustment device. Max load: 20 kg.



#### 3P powered suspension with wire

|        |             |
|--------|-------------|
| silver | 22003174-00 |
| white  | 22003190-00 |
| black  | 22003130-00 |

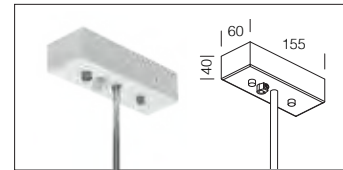
Supplied with steel wire (L = 150cm) and millimetre adjustment device and power cord. Max load: 20 kg.



#### Suspension with rods

|        |             |
|--------|-------------|
| silver | 22003177-00 |
| white  | 22003117-00 |
| black  | 22003137-00 |

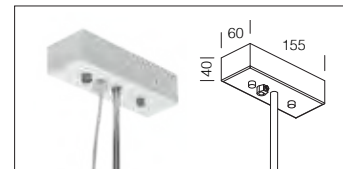
Complete with rods. Max loading: 30Kg. Length: 50cm - ø10 mm.

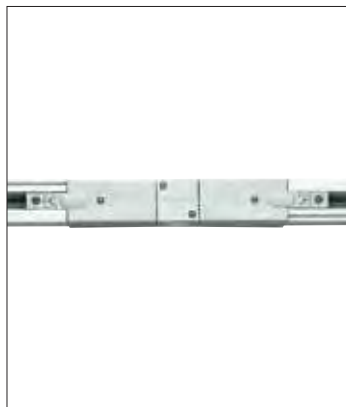


#### Powered suspension with rods

|        |             |
|--------|-------------|
| silver | 22003175-00 |
| white  | 22003116-00 |
| black  | 22003136-00 |

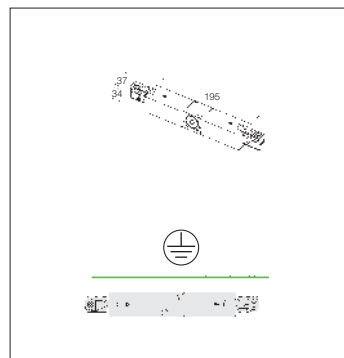
Complete with power cord and rods. Max loading: 30Kg. Length: 50cm - ø10 mm.





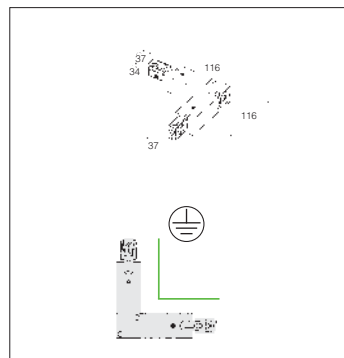
Made of polycarbonate.  
Preassembled component, ready to use. It permits electric and mechanical connection. Includes three end plugs and power cable.

| Linear joint |        |                      |
|--------------|--------|----------------------|
| colour       | weight | code                 |
| white        | 0.20   | 220 <b>25104</b> -00 |
| grey         |        | 220 <b>25111</b> -00 |
| black        |        | 220 <b>25132</b> -00 |



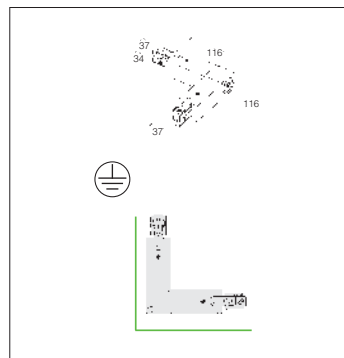
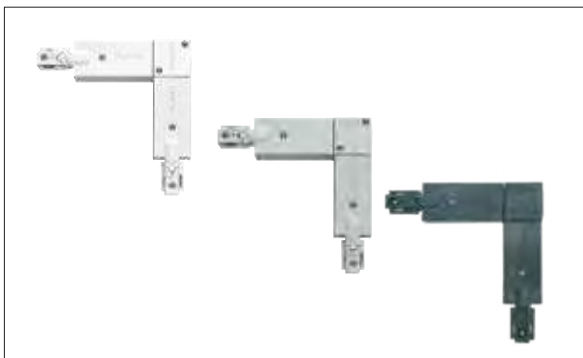
Made of polycarbonate.  
Preassembled, ready to use component. It provides "internal" electric connection and mechanical connection for the L-shaped joint. Supplied with three end plugs and power cable.

| Internal L-shaped joint |        |                      |
|-------------------------|--------|----------------------|
| colour                  | weight | code                 |
| white                   | 0.20   | 220 <b>25106</b> -00 |
| grey                    |        | 220 <b>25113</b> -00 |
| black                   |        | 220 <b>25134</b> -00 |



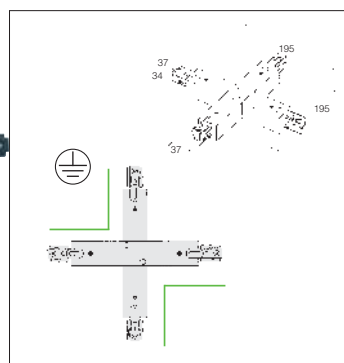
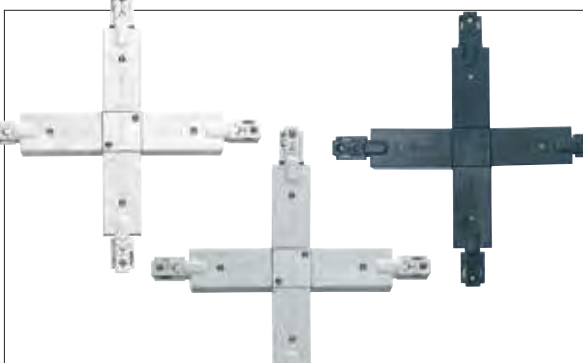
Made of polycarbonate.  
Preassembled component, ready to use. It permits "external" electric connection and mechanical connection for the L-shaped joint. Includes three end plugs and power cable.

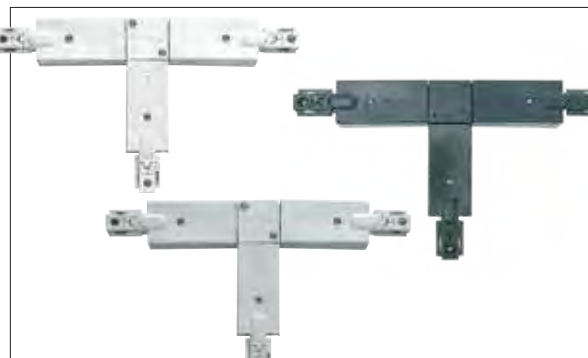
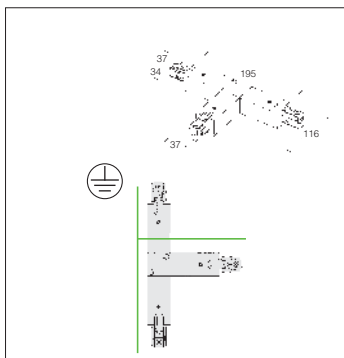
| External L-shaped Joint |        |                      |
|-------------------------|--------|----------------------|
| colour                  | weight | code                 |
| white                   | 0.20   | 220 <b>25105</b> -00 |
| grey                    |        | 220 <b>25112</b> -00 |
| black                   |        | 220 <b>25133</b> -00 |



Made of polycarbonate. Preassembled, ready to use component. It provides "cross-shaped" electric connection and mechanical connection. Supplied with one end plug and power cable.

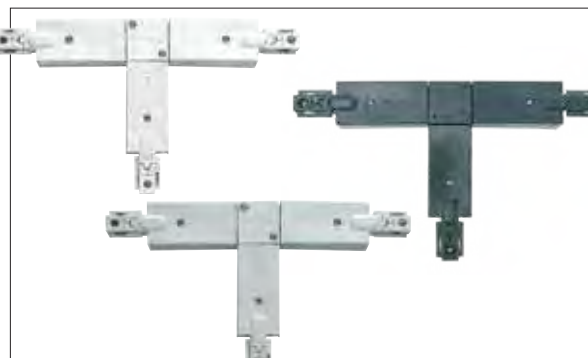
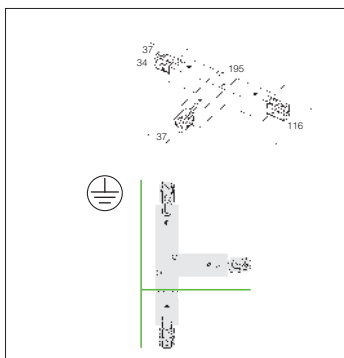
| Cross joint |        |                      |
|-------------|--------|----------------------|
| colour      | weight | code                 |
| white       | 0.40   | 220 <b>25109</b> -00 |
| grey        |        | 220 <b>25116</b> -00 |
| black       |        | 220 <b>25137</b> -00 |





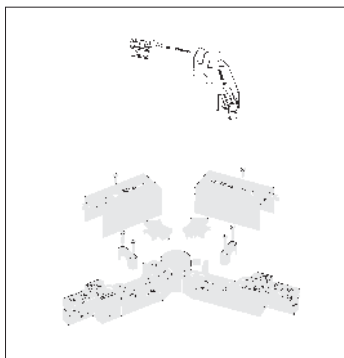
Made of polycarbonate.  
Preassembled, ready to use component. It provides "left-sided" electric connection and mechanical connection for the T-shaped joint. Supplied with 2 end plugs and power cable.

| T-shaped, left sided joint |        |             |
|----------------------------|--------|-------------|
| colour                     | weight | code        |
| white                      | 0.30   | 22025108-00 |
| grey                       |        | 22025115-00 |
| black                      |        | 22025136-00 |



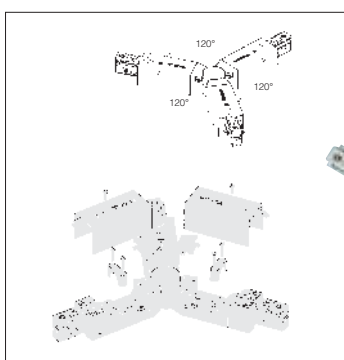
Preassembled component, ready to use. It permits "right-sided" electric connection and mechanical connection for the T-shaped joint. Includes 2 end plugs and power cable.

| T-shaped, right-sided Joint |        |             |
|-----------------------------|--------|-------------|
| colour                      | weight | code        |
| white                       | 0.30   | 22025107-00 |
| grey                        |        | 22025114-00 |
| black                       |        | 22025135-00 |



Enables power connection and junction with variable angles.

| Circular 2-way Joint |        |             |
|----------------------|--------|-------------|
| colour               | weight | code        |
| white                | 0.20   | 22025117-00 |
| grey                 |        | 22025171-00 |
| black                |        | 22025138-00 |



Enables power connection and junction with 120° fixed angles.

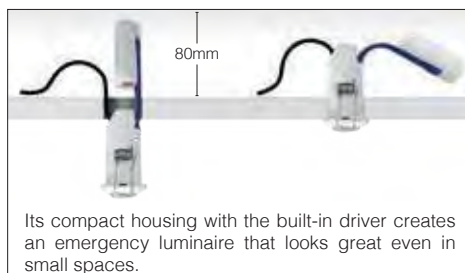
| Circular 3-way Joint |        |             |
|----------------------|--------|-------------|
| colour               | weight | code        |
| white                | 0.30   | 22025118-00 |
| grey                 |        | 22025173-00 |
| black                |        | 22025139-00 |





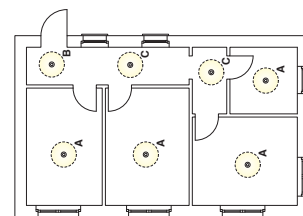
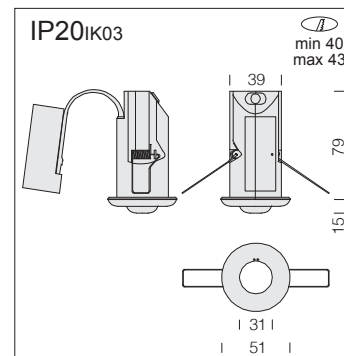
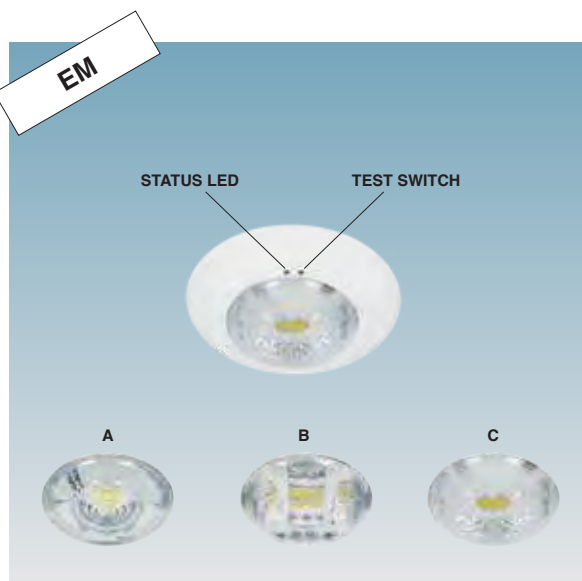
Emergency lighting is an essential safety system to ensure the protection of people during emergency situations. People who are left in the dark during power outages or block-outs, especially in crowded places or during a catastrophic event, will feel uneasy, hence increasing the risk of getting hurt because uneasiness can easily turn into panic.

Therefore, an efficient emergency lighting system is an essential requirement to guarantee a safe and fast evacuation during emergencies. If this system is designed in compliance with existing laws and regulations, it will provide the necessary aid that, together with adequate safety signals, will ensure a smooth evacuation from the premises.



LED module for emergency lighting, direct mounting on ceilings

- Complete electronics gear, LED module, heat sink, optics and accumulator
- It contains multi-lens click-in optics for anti-panic lighting, escape route lighting and visual task zones with a high level of risk
- Emergency lighting function for manual test

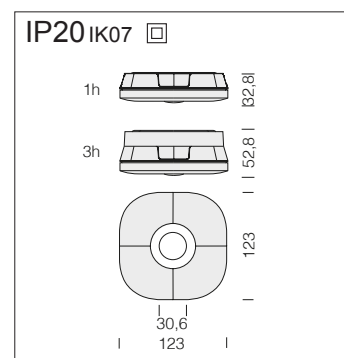


Supplied as standard with three easily interchangeable optical systems, allowing the luminaire to be used for:

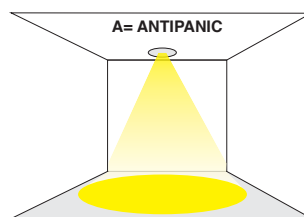
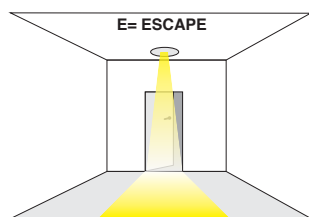
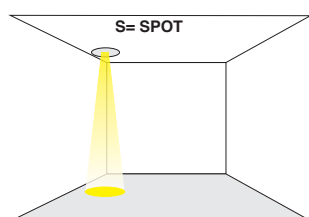
- A)** anti-panic lighting  
**B)** escape route lighting  
**C)** visual task zones with a high level of risk

| Emergency 1 B - False-ceiling |        |        |             |                |                    |                 |       |                |
|-------------------------------|--------|--------|-------------|----------------|--------------------|-----------------|-------|----------------|
| CLD-E                         |        |        |             | Input voltage  | Discharge duration | Battery         | W tot | K - CRI        |
| LED                           | colour | weight | code        |                |                    |                 |       |                |
| LED                           | white  | 0.20   | 22170901-31 | 220-240V, 50Hz | 3h                 | 3,2V - 1500mA/h | 2     | 6500K - CRI>80 |

Ideal solution for a vast range of ceiling structures, with heights of up to 80 mm.



| Emergency 2 B |        |        |             |                |                    |            |       |                |
|---------------|--------|--------|-------------|----------------|--------------------|------------|-------|----------------|
| CLD-E         |        |        |             | Input voltage  | Discharge duration | Battery    | W tot | K - CRI        |
| LED           | colour | weight | code        |                |                    |            |       |                |
| LED           | white  | 0.20   | 22170820-00 | 220-240V, 50Hz | 1h                 | 2V - 126mA | 2     | 6500K - CRI>80 |
|               |        |        | 22170820-31 | 220-240V, 50Hz | 3h                 | 2V - 126mA | 2     | 6500K - CRI>80 |



Supplied as standard with three easily interchangeable optical systems, allowing the luminaire to be used for:

- S)** spot  
**E)** escape route lighting  
**A)** anti-panic lighting

Whether it's for indoor, public or private offices, commercial or industrial spaces, Fosnova offers a **WIDE RANGE OF LIGHTING MANAGEMENT SOLUTIONS** that can help increase energy savings, visual comfort and safety.

# INDOOR LIGHTING SOLUTIONS

## ELEMENTARY SOLUTION

PLUG & PLAY systems with on-board sensors:

ON/OFF

DIMM 0/10V - 1/10V



- Solution with built-in sensors
- Sensors attached to the lighting body and visible
- Programming via app or remote control of sensors or trimmers
- "PLUG&PLAY" no installation difference with a non-dimmable product
- The installer and the user do not require specific skills because the lighting fixture is configured to change lighting levels automatically

- No additional cabling
- No centralized controls
- No programming and commissioning from specialized technicians
- No remote communication

## MEDIUM SOLUTION

CABLED solutions for DALI dimmable fixtures:

PUSH DIMM

PRESENCE SENSOR

PRESENCE SENSOR



HIGH CEILINGS

- The lighting fixture is equipped with a DALI PUSH DIM LED driver
- Simple additional cabling and possibility to use a standard NO switch

## ADVANCED SOLUTION

High-tech WIRELESS solutions to be managed via app:

BASIC DIM

CASAMBI



- System equipped with smart sensors with high level of automation
- Easy-to-use app and software that do not require skills from specialists (e.g. DALI commissioning or software engineer)
- Built-in or external sensors and, if requested, additional cabling that does not require complex circuitry

## SMART (IoT) SOLUTION

COMPLEX solutions requiring lighting management hardware and software:



### SMART solution:

- Wired and wireless solutions
- System with all fixtures and sensors are managed with the BUS link (or over the air) with the possibility of a limited, but extremely simple, management
- Possibility to configure via app/smartphone/tablet
- Suitable for medium-small systems: variable complexity, including situations that may require the intervention of specialized workers
- Scalable

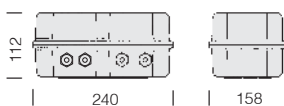
### IoT solution:

- Device complete with smart technology and hardware infrastructure with software for remote control



To be used with up to 12 FULLCOLOR spotlights with DMX interface

IP65IK07



### KIT 3 bis - Waterproof gear box with LED FULLCOLOR power supply and DMX interface

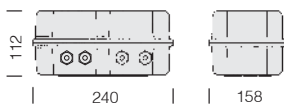
| wattage | h | colour | code |
|---------|---|--------|------|
|---------|---|--------|------|

|           |   |       |                      |
|-----------|---|-------|----------------------|
| <b>60</b> | 1 | black | 2209 <b>2051</b> -00 |
|-----------|---|-------|----------------------|

IP65 box with 48V 60W power supply for FULLCOLOR Power LED - max 12 LEDs. Supplied with electronic card and controller / DMX interface, four cable glands, 9/12 mm diameter.  
After acc. 22092051-00 n. 20, use acc. code 22092052-00.



IP65IK07



### Amplifier / DMX signal modulator

| wattage | h | colour | code |
|---------|---|--------|------|
|---------|---|--------|------|

|           |   |       |                      |
|-----------|---|-------|----------------------|
| <b>20</b> | 1 | black | 2209 <b>2052</b> -00 |
|-----------|---|-------|----------------------|

DMX signal regenerator in waterproof gear box with 24V, 20W power supply. Supplied with in-out wire connection (one going in, four going out) to DMX terminal. To be used after acc. 22092051-00 n. 20, and after KIT3 n. 10.



IP65IK07

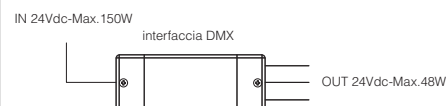
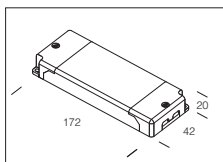
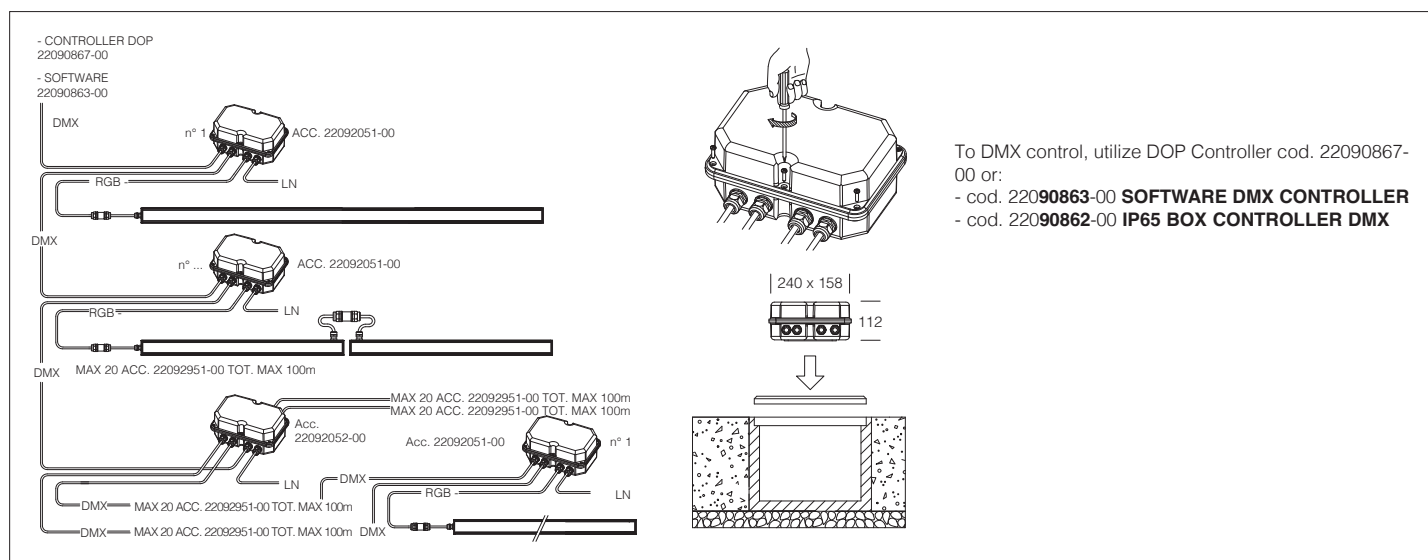


### Waterproof gear box with LED FULLCOLOR power supply and DMX interface

| wattage | h | colour | code |
|---------|---|--------|------|
|---------|---|--------|------|

|            |   |       |                      |
|------------|---|-------|----------------------|
| <b>100</b> | 1 | black | 2209 <b>2054</b> -00 |
|------------|---|-------|----------------------|

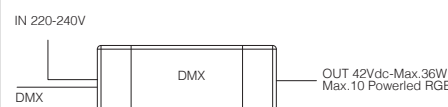
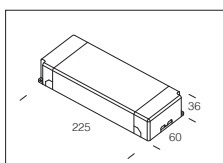
IP65 box with power supply 24V 100W for FULLCOLOR LED modules. Supplied with electronic card with controller / DMX Interface, 6 cable glands, 9/12 mm diameter. After accessory n. 26 (2292054-00), accessory code 22092052-00 must be used.



### DMX control 24V dc

| Wattage     | code                 |
|-------------|----------------------|
| <b>150W</b> | 2209 <b>0780</b> -00 |

DMX 24V dc max 48W/channel. Provide adequate power supply 24V dc



### DMX control with power supply

| Wattage    | code                 |
|------------|----------------------|
| <b>36W</b> | 2209 <b>0781</b> -00 |

DMX 350mA/channel with integrated power supply for max 10 modules FULLCOLOR. Respect the series connection.

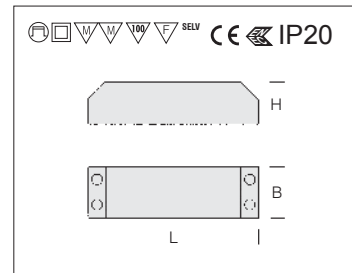
All FULLCOLOR Fosnova products are designed to use the DMX interface based on this innovative technology, which is able to convert standard protocol DMX signals into PWM signals. In so doing, up to 20 DMX/FULLCOLOR INTERFACES can be linked to a DMX control unit. A specific channel can be fixed for each individual system interface, thanks to a standard DIP-SWITCH and each unit can control up to 99 SLAVES. (see scheme)

### Interface DMX

| code                                                 |
|------------------------------------------------------|
| For use with SLAVE 22090871-00. 2209 <b>0782</b> -00 |



| Power supply series 350mA Dc 220-240V 50/60Hz |                             |          |             |                        |             |
|-----------------------------------------------|-----------------------------|----------|-------------|------------------------|-------------|
| Type                                          | Output energy power Max (W) | n°. LED* | weight (Kg) | Size (mm)<br>B - H - L | code        |
| 6W/350mA                                      | 5,6W                        | 1-4      | 0,045       | 32 - 22 - 76           | 22090832-00 |
| 8W/350mA                                      | 8,4W                        | 1-6      | 0,050       | 38 - 22 - 75           | 22090894-00 |
| 12W/350mA                                     | 12W                         | 2-9      | 0,080       | 52 - 22 - 111          | 22090886-00 |
| 16,8W/350mA                                   | 16,8W                       | 2-12     | 0,080       | 52 - 22 - 111          | 22090837-00 |
| 20W/350mA                                     | 20W                         | 1-15     | 0,150       | 52 - 22 - 111          | 22090880-00 |
| 40W/350mA                                     | 3x15W                       | 3x12..14 | 0,240       | 60 - 36 - 224          | 22090899-00 |
| Power supply series 500mA Dc 220-240V 50/60Hz |                             |          |             |                        |             |
| 6W/500mA                                      | 6W                          | 1-3      | 0,045       | 32 - 22 - 76           | 22090883-00 |
| 8W/500mA                                      | 8W                          | 1-4      | 0,050       | 38 - 22 - 75           | 22090895-00 |
| 16,8W/500mA                                   | 16,8W                       | 2-9      | 0,080       | 38 - 23 - 125          | 22090890-00 |
| 20W/500mA                                     | 20W                         | 1-11     | 0,150       | 44 - 22 - 147          | 22090881-00 |
| Power supply series 700mA Dc 220-240V 50/60Hz |                             |          |             |                        |             |
| 6W/700mA                                      | 7,7W                        | 1-3      | 0,045       | 32 - 22 - 76           | 22090884-00 |
| 8W/700mA                                      | 9,8W                        | 1-3      | 0,050       | 38 - 22 - 75           | 22090896-00 |
| 9W/700mA                                      | 9W                          | 1        | 0,050       | 38 - 22 - 75           | 22090835-00 |
| 16,8W/700mA                                   | 16,8W                       | 1-6      | 0,080       | 38 - 23 - 125          | 22090891-00 |
| 20W/700mA                                     | 20W                         | 1-8      | 0,150       | 44 - 22 - 147          | 22090882-00 |
| Power supply series 1A Dc 220-240V 50/60Hz    |                             |          |             |                        |             |
| 20W/1A                                        | 20W                         | 1-6      | 0,150       | 40 - 25 - 165          | 22090898-00 |



#### - Version constant current for Power LED

- Screw terminals 1.5 mm<sup>2</sup>
- Short circuit protection, overload, open circuit and thermal
- High performance with minimum heat loss and absolute reliability
- Compliance with EN61347-2-13, EN61347-1, EN62384, EN55015, EN61000-3-2, EN61547

#### \* Indicative values

| Power supply series 12V Dc 220-240V 50/60Hz |                             |          |             |                        |             |
|---------------------------------------------|-----------------------------|----------|-------------|------------------------|-------------|
| Type                                        | Output energy power Max (W) | n°. LED* | weight (Kg) | Size (mm)<br>B - H - L | code        |
| 6W/12V                                      | 6W                          | -        | 0,045       | 32 - 22 - 76           | 22090885-00 |
| 8W/12V                                      | 8,4W                        | -        | 0,050       | 38 - 22 - 75           | 22090897-00 |
| 16,8W/12V                                   | 16,8W                       | -        | 0,080       | 38 - 23 - 125          | 22090892-00 |
| 20W/12V                                     | 20W                         | -        | 0,150       | 40 - 25 - 165          | 22090838-00 |
| Power supply series 24V Dc 220-240V 50/60Hz |                             |          |             |                        |             |
| 16,8W/24V                                   | 16,8W                       | -        | 0,080       | 38 - 23 - 125          | 22090893-00 |
| 20W/24V                                     | 20W                         | -        | 0,150       | 55 - 19 - 145          | 22090839-00 |
| 70W/24V                                     | 70W                         | -        |             | 60 - 35 - 225          | 22092022-00 |

#### - Version constant current for Power LED

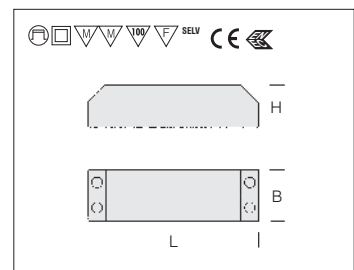
- Screw terminals 1.5 mm<sup>2</sup>
- Short circuit protection, overload, open circuit and thermal
- High performance with minimum heat loss and absolute reliability
- Compliance with EN61347-2-13, EN61347-1, EN62384, EN55015, EN61000-3-2, EN61547

| Driver IP67 Box LED 24V                 |  |             | Operation exit to power MASTER/SLAVE version 24V. |
|-----------------------------------------|--|-------------|---------------------------------------------------|
| wattage/W                               |  | code        |                                                   |
| 220-240V 50-60Hz/24V <sub>Dc</sub> 75W  |  | 22092030-00 |                                                   |
| 220-240V 50-60Hz/24V <sub>Dc</sub> 100W |  | 22092036-00 |                                                   |
| 220-240V 50-60Hz/24V <sub>Dc</sub> 150W |  | 22092038-00 |                                                   |

| Watertight box with 24V LED, dimmable 1-10V / DALI |        |               | IP65 box with ballast 24V – 100S for 24V LED. Equipped with dimmable interface 1-10V and 4 cable glands, external diameter 9/12mm. It enables to power and dim 2 channels, 50W max for a total of 100W. |
|----------------------------------------------------|--------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| wattage/W                                          | colour | code          |                                                                                                                                                                                                         |
| 220-240V 50-60Hz/24V <sub>Dc</sub> 100W (1-10V)    | black  | 22092081-00   |                                                                                                                                                                                                         |
| 220-240V 50-60Hz/24V <sub>Dc</sub> 100W (DALI)     | black  | 22092081-1241 |                                                                                                                                                                                                         |

| Interface dimmable for LED                                     |                     |               |
|----------------------------------------------------------------|---------------------|---------------|
| V <sub>in</sub> /V <sub>out</sub> 24V <sub>Dc</sub> 120W 1-10V | DIM 1-10V interface | 22090841-00   |
| V <sub>in</sub> /V <sub>out</sub> 24V <sub>Dc</sub> 120W DALI  | DIM DALI interface  | 22090841-1241 |

| Dimmable power supply |                                                                                                                                                                                   |                 |             |                        |               |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------|------------------------|---------------|
| Type                  | Output energy power Max (W)                                                                                                                                                       | type of control | weight (Kg) | Size (mm)<br>B - H - L | code          |
| ALD 8                 | 15W (I <sub>bdc</sub> : 0.350 A)                                                                                                                                                  | 1-10V / PUSH    | 0.110       | 67-21-103              | 22090837-12   |
| ALD 1                 | 16.8W (I <sub>bdc</sub> : 0.350 A)<br>16.8W (I <sub>bdc</sub> : 0.500 A)<br>16.8W (I <sub>bdc</sub> : 0.700 A)<br>16.8W (V <sub>bdc</sub> : 24V)<br>8.4W (V <sub>bdc</sub> : 12V) | DALI            | 0.050       | 51-26-155              | 22090837-1241 |
| ALD 2                 | 15.0W (I <sub>bdc</sub> : 0.350 A)<br>25.0W (I <sub>bdc</sub> : 0.700 A)<br>22.0W (I <sub>bdc</sub> : 0.500 A)<br>20.0W (V <sub>bdc</sub> : 24V)                                  | 1-10V / PUSH    | 0.110       | 67-21-103              | 22090840-00   |
| ALD 3                 | 25.0W (I <sub>bdc</sub> : 0.350 A)<br>35.0W (I <sub>bdc</sub> : 0.500 A)<br>50.0W (I <sub>bdc</sub> : 0.700 A)<br>50.0W (I <sub>bdc</sub> : 1.050 A)                              | 1-10V / PUSH    | 0.150       | 67-22-125              | 22090845-12   |
| ALD 4                 | 25.0W (I <sub>bdc</sub> : 0.350 A)<br>35.0W (I <sub>bdc</sub> : 0.500 A)<br>50.0W (I <sub>bdc</sub> : 0.700 A)<br>50.0W (I <sub>bdc</sub> : 1.050 A)                              | DALI            | 0.150       | 67-22-125              | 22090845-1241 |
| ALD 5                 | 6.0W (I <sub>bdc</sub> : 0.350 A)                                                                                                                                                 | 1-10V / PUSH    | 0.060       | 50-22-67               | 22090849-00   |
| ALD 6                 | 18.0W (I <sub>bdc</sub> : 0.700 A)                                                                                                                                                | 1-10V           | 0.150       | 52-33-109              | 22090834-00   |
| ALD 7                 | 35.0W (V <sub>bdc</sub> : 24V)                                                                                                                                                    | DALI / PUSH     | 0.150       | 43-30-195              | 22090846-00   |



- Screw terminals 1.5 mm<sup>2</sup>
- Short circuit protection, overload, open circuit and thermal
- High performance with minimum heat loss and absolute reliability
- Compliance with EN61347-2-13, EN61347-1, EN62384, EN55015, EN61000-3-2, EN61547

**NEW PRODUCT****PERFORMANCE  
Techniques - Lighting - Photometric**

The LED lamp can work with a voltage input range that may vary by  $\pm 10\%$  from the indicated value

**EXAMPLE: LED GU10 SMD 6W**

**Input voltage**

|             |                 |            |
|-------------|-----------------|------------|
| AC100-240 V | $\pm 10\%$<br>↔ | AC90-265 V |
|-------------|-----------------|------------|

In the FOSNOVA catalogue, there are some items, generally the more recent ones, that have two numbers (a subcode) at the end of the classical 6-digit code. These subcodes indicate the product type of wiring. Therefore, it is very important when making an order to write the complete FOSNOVA code, including the subcode, which carries the following meaning:



Aiming on horizontal axis at 0°



Aiming on vertical axis at 0°



UV-stabilised coating, anti-yellowing. Fixture built with stabilised materials.



Size of round hole for recessed installation



Size of hole for recessed installation



The fixture must not, under any circumstances, be covered with insulating material.



Narrow beam



Medium beam



Wide beam



Extra wide beam



Asymmetric beam



Both direct and indirect light



Fixtures to be installed to the wall or ceiling only with a base.



Fixtures to be installed on track to the wall, ceiling or suspension.



Fixtures to be installed to the wall, ceiling or suspension.



Fixture surface area exposed to the wind.



Minimum and maximum operating temperature. Ask for specific product temperature to our technical offices.



Produced with vandal resistant materials.



**HEALTHCARE ENVIRONMENTS:** nursing rooms, operating rooms, clinics, first aids, wards, aseptic rooms UNI EN 12464



**SCHOOLS:** classrooms, lecture rooms, laboratories, meeting rooms  
UNI EN 12464



**OPEN SPACES:** Offices, large areas, public areas, waiting rooms  
UNI EN 12464



**ART AND CULTURE:** Cinemas, theatres, museums, galleries, churches, libraries, auditoriums, monuments  
UNI EN 12464



**COMMON AREAS:** corridors, stairs, lifts  
UNI EN 12464



**COMMERCIAL CENTRES:** Shops, show rooms, shop windows, supermarkets, airports.  
UNI EN 12464



**MALLS:** General shops, goods displays, shop windows, supermarkets, airports, shop facades  
UNI EN 12464



**GENERAL ROOMS:** Home, hotels, sleeping rooms, bars, restaurants, canteens  
UNI EN 12464



**LARGE-SCALE DISTRIBUTION:** Shopping centres, supermarkets, hypermarkets



**SPORT HALLS, GYMNASIUMS**



**RELIGIOUS PLACES**



**BOATS, YACHT and BOAT BUSINESS**



**HOTEL**



**SWIMMING POOLS**



**FACADES**



**CLASSIC LIGHTING:** Ideal for application in city centers.



**STORES:** Goods sheds, warehouses, depots, production areas, hangars. UNI EN 12464.



**OFFICES:** single office, meeting rooms, telephone exchange rooms, offices with VDU terminals. UNI EN 12464.



**OFFICES WITH VDU TERMINALS:** drafting and designing rooms, meeting rooms, banks, offices with VDU terminals. UNI EN 12464.

**OFFICES WITH VDU TERMINALS:** time spent in front of the screen continually - UNI EN 12464.



Maximum track lead 32A load



Maximum track lead 16A load



Lighting fixtures wired with dimming electronic power supply.



Lighting fixtures equipped with digital dimmable electronic power supply.



Fixtures wired with PUSH DALI digital dimmable electronic power supply.



Fixtures with permanent emergency circuit (illumination + emergency).



Fixtures with non-permanent emergency circuit (only emergency).



Permanently mounted fixture, operating in AC/DC mode, with centralized emergency device, not incorporated into the fixture.



The unit is supplied with lampholder only



The unit is supplied without power supply + LED.



Electronic power supply with 230/240V - 50/60Hz + LED



Electronic dimmable power supply with 230/240V - 50/60Hz + LED



Electronic digital dimmable power supply with 230/240V - 50/60Hz (DALI) + LED



Electronic digital dimmable wireless power supply - HCL



Electronic power supply with 230/240V - 50/60Hz + emergency kit + LED



Electronic dimmable power supply with 230/240V - 50/60Hz + emergency lighting + LED.



The unit is supplied with emergency wiring with centralized power supply.



-00= basic article  
 -08= article supplied with Electronic gear  
 -09= article supplied with Electronic+Emergency gear (1h)  
 -12= article supplied with DIMM 1-10V wiring  
 -15= article supplied with separate ON/OFF switch  
 -19= article supplied with presence and light sensor  
 -31= article supplied with 3-hour Emergency unit  
 -39= article with 3000K LED  
 -68= article with 4000K LED  
 -88= article complete with body for recessed mounting in plasterboard false ceilings  
 -89= article supplied with HCL technology  
 -0024= article supplied with Tunable White technology  
 -0050= article with emergency wiring with centralized power supply  
 -0072= special version for continuous line applications  
 -0092= article supplied with built-in multi-sensor  
 -0928= article supplied with 3000K LED + 1-hour Emergency unit  
 -1213= article supplied with 4000K LED + DIMmable unit  
 -1228= article supplied with 3000K LED + DIMmable unit

-1241= article supplied with DIMMable DIGital DALI unit  
 -1245= article supplied with DIMMable DIGital PUSH DALI unit  
 -1928= article supplied with 3000K LED + presence and light sensor  
 -1957= article supplied with presence and light sensor + 3-hour emergency unit  
 -3113= article supplied with 4000K LED + 3-hour emergency unit  
 -3128= article supplied with 3000K LED + 3-hour emergency unit  
 -3941= article supplied with 3000K LED + DIMMable DIGital DALI unit  
 -3945= article supplied with 3000K LED + PUSH DALI unit  
 -3957= article supplied with 3000K LED + 3-hour Emergency unit  
 -6809= article supplied with 4000K LED + 1-hour Emergency unit  
 -6841= article supplied with 4000K LED + DIMMable DIGital DALI unit

Versioni complete di LED dedicate alla categoria **FOOD** (Red Meat, Marbled Meat, Fish, Bread & Pastries e Produce).

-00000034 = BREAD -00000035 = FRUIT/VEGETABLE -00000036 = MEAT -00000037 = FISH

### International Protection

The IP prefix followed by two figures indicates the level of resistance of the fixture to penetration by solids and liquids. Protection rating (published in EN60529)

**1\*figure:** penetration by solid particles and contact with live parts

**2\*figure:** penetration by liquids

**3\*figure:** mechanical resist IK.

|             |                                                           |
|-------------|-----------------------------------------------------------|
| <b>IP20</b> | Protection against solid bodies Ø >12 mm only             |
| <b>IP23</b> | Protection against solid bodies and rain                  |
| <b>IP40</b> | Protection against solid bodies Ø > 1 mm only             |
| <b>IP43</b> | Protection against solid bodies Ø > 1 mm and rain         |
| <b>IP44</b> | Protection against solid bodies Ø > 1 mm and water sprays |
| <b>IP54</b> | Protection against dust and water sprays                  |
| <b>IP55</b> | Protection against dust and water jets                    |
| <b>IP65</b> | Dust and water tight                                      |
| <b>IP67</b> | Dust and waterwave tight                                  |
| <b>IK</b>   | Protected against impact energy                           |



### WATERPROOF FIXTURES

Polycarbonate fixtures are IP65/66 water-resistant if installed at temperatures not exceeding 45°C. Direct exposure to sunlight can easily cause the temperature to exceed 45°C, which affects the degree of protection. However, it is recommended that these fixtures are used properly without altering their mechanical and protection properties (IP65/66); **they should not be installed on surfaces subject to strong vibrations, outdoors on ropes or stakes;** whenever this is necessary, waterproof steel fixtures should be used.

We often read about photobiological safety in lighting design. This very important factor is determined by the amount of radiations emitted by all the sources with a wave length ranging between 200 nm and 3000 nm. Excessive radiation exposure can be harmful for human health. The EN62471 standard classifies light sources into risk groups.

### RG0



**Risk Group 0 (RG0):** luminaires are exempt from photobiological risks in compliance with standard EN 62471.

### RG0

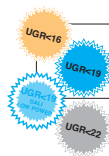


**Risk Group 0 (RG0 Ethr):** luminaires are exempt from photobiological risks in compliance with standard EN 62471 - IEC/TR 62778. If necessary, contact our customer service for the observation distance.

### RG1



**Risk Group 1 (low risk group):** luminaires do not pose any risks due to normal behavioural limitations of a person when exposed to a light source.



The UGR (unified glare rating) is an international unified measure developed by the CIE to assess the direct glare generated by a lighting system. The European standard regulating the lighting of indoor work places (**UNI-EN 12464-1**) recommends a specific UGR value for different applications ranging between **10 and 30; the lower the UGR value, the lower the glare.**



**Low Flicker:** product with a very low flicker; uniform light for greater eye protection.



The Colour Rendering Index (**CRI**) indicates how truthfully the artificial light source is able to reproduce the colours of objects. It varies from a range of **0 to 100, where 0 represents the minimum and 100 is the maximum.**



Possibility of centralized lighting point control or via external presence/lighting sensors (see chapter *technical components*).



Built-in RADAR SENSOR (sub-code -19 at an extra price): is an automatic sensor that immediately sense the presence of people's movements and anyone walking past.



Possibility of lighting point management (for DALI fixtures with sub-code -1241) with Casambi technology, an advanced automation lighting control system based on the bluetooth low energy (BLE).



Fixture available in the Tunable White and HCL version.



For **Fosnova**, Quality System Certification (CSQ-IQNET) in compliance with UNI EN ISO 9001:2015 standard is an important step towards the improvement of company processes, aimed at achieving customer satisfaction.



Indicates that a product can freely circulate within the European Coméquipé ty. It certifies that the product complies with essential safety regulations. All Fosnova products comply with the "electromagnetic compatibility" (2014/30/UE) and with the "low-voltage electrical materials" (2014/35/UE) standards.



The product has been granted the ENEC European certificate of conformity which replaces all national **regulations in the EEC**, according to EN60598 European standards



ENEC European Certificate of Conformity: PENDING APPROVAL



I.M.Q. approval for wired fixture. All fixtures comply with **CEI Italian** safety standards corresponding to EN60598 European standards.



Class II fixture (double insulation). No grounding needed.



V0: the test piece extinguishes within 5 sec. without dropping V2: the test piece extinguishes within 25 sec. (dropping allowed)



**LED Life expectancy**  
 The decrease of LED flux is defined by the working life and is represented by the "L" mark (for example L70 which means that the flux is kept up to 70%). The "B" followed by a number ranging between 10 and 50 indicates the quality of the fixture and defines the LED percentage that doesn't keep the declared characteristics.



The fixture comes with a DIP SWITCH driver for the setting of the output current.



Fixtures equipped with standard CCT switch: with this integrated switch you can select the desired light colour.



Fixtures equipped with standard CCT/POWER switch: with this integrated switch you can select the desired light colour and the fixture's total wattage.



Fixtures equipped with standard POWER switch: with this integrated switch you can select the fixture's total wattage.

| PROTECTION RATING AGAINST MECHANICAL IMPACT                  |             |                               |
|--------------------------------------------------------------|-------------|-------------------------------|
| classification according to standard: EN 50102 o NF C 20-015 |             |                               |
| Impact force                                                 | NF C 20-010 | Third figure in our catalogue |
| IK                                                           | J           | IP                            |
| 00                                                           | 0           | 0                             |
| 01                                                           | 0,15        | -                             |
| 02                                                           | 0,20        | 1                             |
| 03                                                           | 0,35        | -                             |
| 04                                                           | 0,50        | 3                             |
| 05                                                           | 0,70        | -                             |
| 06                                                           | 1           | -                             |
| 07                                                           | 2           | 5                             |
| 08                                                           | 5           | -                             |
| -                                                            | 6           | 7                             |
| 09                                                           | 10          | -                             |
| 10                                                           | 20          | 9                             |



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| 22028515-00      | 1             | 247                           | 22036010-00      | 1             | 271  | 22042510-00       | 1             | 287  | 22043312-68      | 1             | 376  |
| 22028610-00      | 1             | 249                           | 22036110-00      | 1             | 271  | 22042511-00       | 1             | 287  | 22043314-00      | 1             | 376  |
| 22028611-00      | 1             | 247                           | 22036210-00      | 1             | 270  | 22042512-00       | 1             | 287  | 22043314-68      | 1             | 376  |
| 22028612-00      | 1             | 247                           | 22036310-00      | 1             | 272  | 22042512-19       | 1             | 287  | 22043330-00      | 1             | 376  |
| 22028613-00      | 1             | 247                           | 22036430-00      | 1             | 273  | 22042513-00       | 1             | 287  | 22043330-68      | 1             | 376  |
| 22028614-00      | 1             | 249                           | 22036530-00      | 1             | 276  | 22042513-19       | 1             | 287  | 22043332-00      | 1             | 376  |
| 22028615-00      | 1             | 249                           | 22036630-00      | 1             | 276  | 22042514-00       | 1             | 287  | 22043332-68      | 1             | 376  |
| 22028616-00      | 1             | 247                           | 22036730-00      | 1             | 277  | 22042514-19       | 1             | 287  | 22043334-00      | 1             | 376  |
| 22028618-00      | 1             | 247                           | 22036731-00      | 1             | 277  | 22042515-00       | 1             | 287  | 22043334-68      | 1             | 376  |
| 22028619-00      | 1             | 247                           | 22036830-00      | 1             | 274  | 22042515-19       | 1             | 287  | 22043410-00      | 1             | 377  |
| 22029020-00      | 1             | 78, 80, 90, 94, 116, 130, 136 | 22036930-00      | 1             | 277  | 22042516-00       | 1             | 289  | 22043410-68      | 1             | 377  |
| 22029026-00      | 1             | 78, 80, 90, 94, 116, 130, 136 | 22040810-00      | 1             | 375  | 22042516-19       | 1             | 289  | 22043412-00      | 1             | 377  |
| 22029060-00      | 1             | 78, 80, 90, 94, 116, 130, 136 | 22040810-68      | 1             | 375  | 22042517-00       | 1             | 289  | 22043412-68      | 1             | 377  |
| 22029070-00      | 1             | 78, 80, 90, 94, 116, 130, 136 | 22040812-00      | 1             | 375  | 22042517-19       | 1             | 289  | 22043414-00      | 1             | 377  |
| 22029080-00      | 1             | 78, 80, 90, 94, 116, 130, 136 | 22040812-68      | 1             | 375  | 22042518-00       | 1             | 289  | 22043414-68      | 1             | 377  |
| 22031630-00      | 1             | 108                           | 22040814-00      | 1             | 375  | 22042518-19       | 1             | 289  | 22043430-00      | 1             | 377  |
| 22031631-00      | 1             | 108                           | 22040814-68      | 1             | 375  | 22042613-00       | 1             | 289  | 22043430-68      | 1             | 377  |
| 22031632-00      | 1             | 108                           | 22040816-00      | 1             | 375  | 22042613-19       | 1             | 289  | 22043432-00      | 1             | 377  |
| 22032030-00      | 1             | 109                           | 22040816-68      | 1             | 375  | 22042710-00       | 1             | 293  | 22043432-68      | 1             | 377  |
| 22032130-00      | 1             | 109                           | 22040830-00      | 1             | 375  | 22042710-0050     | 1             | 293  | 22043434-00      | 1             | 377  |
| 22032131-00      | 1             | 109                           | 22040830-68      | 1             | 375  | 22042710-09       | 1             | 293  | 22043434-68      | 1             | 377  |
| 22032210-00      | 1             | 110                           | 22040832-00      | 1             | 375  | 22042710-0928     | 1             | 293  | 22044010-00      | 1             | 381  |
| 22032211-00      | 1             | 110                           | 22040832-68      | 1             | 375  | 22042710-19573000 | 1             | 293  | 22044011-00      | 1             | 383  |
| 22032212-00      | 1             | 110                           | 22040834-00      | 1             | 375  | 22042710-1241     | 1             | 293  | 22044012-00      | 1             | 383  |
| 22032310-00      | 1             | 111                           | 22040834-68      | 1             | 375  | 22042710-19       | 1             | 293  | 22044013-00      | 1             | 381  |
|                  |               |                               | 22040836-00      | 1             | 375  | 22042710-1928     | 1             | 293  | 22044014-00      | 1             | 380  |
|                  |               |                               | 22040836-68      | 1             | 375  | 22042710-1957     | 1             | 293  | 22044015-00      | 1             | 380  |
|                  |               |                               | 22040910-1241    | 1             | 317  |                   |               |      | 22044030-00      | 1             | 381  |

| Code<br>ifosnova | px n°<br>pack | page | Code<br>ifosnova | px n°<br>pack | page | Code<br>ifosnova | px n°<br>pack | page | Code<br>ifosnova | px n°<br>pack | page |
|------------------|---------------|------|------------------|---------------|------|------------------|---------------|------|------------------|---------------|------|
| 22044031-00      | 1             | 383  | 22061802-68      | 1             | 105  | 22065614-39      | 1             | 40   | 22065835-12      | 1             | 93   |
| 22044032-00      | 1             | 383  | 22061804-00      | 1             | 104  | 22065615-00      | 1             | 41   | 22066301-00      | 1             | 92   |
| 22044033-00      | 1             | 381  | 22061804-68      | 1             | 104  | 22065615-39      | 1             | 41   | 22066301-12      | 1             | 92   |
| 22044034-00      | 1             | 380  | 22061808-00      | 1             | 100  | 22065616-00      | 1             | 37   | 22066318-00      | 1             | 92   |
| 22044035-00      | 1             | 380  | 22061809-00      | 1             | 102  | 22065616-09      | 1             | 37   | 22066318-12      | 1             | 92   |
| 22044110-1241    | 1             | 316  | 22061810-00      | 1             | 101  | 22065616-0928    | 1             | 37   | 22066319-00      | 1             | 92   |
| 22044111-1241    | 1             | 316  | 22061810-68      | 1             | 101  | 22065616-1241    | 1             | 37   | 22066319-12      | 1             | 92   |
| 22044112-1241    | 1             | 316  | 22061811-00      | 1             | 101  | 22065616-39      | 1             | 37   | 22066335-00      | 1             | 92   |
| 22044113-1241    | 1             | 317  | 22061811-68      | 1             | 101  | 22065616-3941    | 1             | 37   | 22066335-12      | 1             | 92   |
| 22044130-1241    | 1             | 316  | 22061813-00      | 1             | 102  | 22065617-00      | 1             | 41   | 22066336-00      | 1             | 92   |
| 22044131-1241    | 1             | 316  | 22061813-68      | 1             | 102  | 22065617-39      | 1             | 41   | 22066336-12      | 1             | 92   |
| 22044132-1241    | 1             | 316  | 22061814-00      | 1             | 103  | 22065618-00      | 1             | 37   | 22066339-00      | 1             | 92   |
| 22044133-1241    | 1             | 317  | 22061814-68      | 1             | 103  | 22065618-09      | 1             | 37   | 22066339-12      | 1             | 92   |
| 22045010-1241    | 1             | 318  | 22061818-00      | 1             | 100  | 22065618-0928    | 1             | 37   | 22066615-00      | 1             | 93   |
| 22045030-1241    | 1             | 318  | 22061818-68      | 1             | 100  | 22065618-1241    | 1             | 37   | 22066615-12      | 1             | 93   |
| 22046010-00      | 1             | 286  | 22061819-00      | 1             | 103  | 22065618-39      | 1             | 37   | 22066616-00      | 1             | 93   |
| 22046110-00      | 1             | 286  | 22061819-68      | 1             | 103  | 22065618-3941    | 1             | 37   | 22066616-12      | 1             | 93   |
| 22046210-00      | 1             | 282  | 22062410-00      | 1             | 64   | 22065710-00      | 1             | 38   | 22066617-00      | 1             | 93   |
| 22046311-00      | 1             | 283  | 22063212-00      | 1             | 99   | 22065710-39      | 1             | 38   | 22066617-12      | 1             | 93   |
| 22046312-00      | 1             | 283  | 22063213-00      | 1             | 98   | 22065712-00      | 1             | 36   | 22066635-00      | 1             | 93   |
| 22046313-00      | 1             | 283  | 22063233-00      | 1             | 99   | 22065712-1241    | 1             | 36   | 22066635-12      | 1             | 93   |
| 22046410-00      | 1             | 285  | 22063234-00      | 1             | 98   | 22065712-39      | 1             | 36   | 22066636-00      | 1             | 93   |
| 22046411-00      | 1             | 285  | 22063264-00      | 1             | 99   | 22065712-3941    | 1             | 36   | 22066636-12      | 1             | 93   |
| 22047010-00      | 1             | 70   | 22063271-00      | 1             | 99   | 22065713-00      | 1             | 37   | 22066637-00      | 1             | 93   |
| 22047010-1241    | 1             | 70   | 22063291-00      | 1             | 99   | 22065713-1241    | 1             | 37   | 22066637-12      | 1             | 93   |
| 22047011-00      | 1             | 74   | 22065510-00      | 1             | 92   | 22065713-39      | 1             | 37   | 22066717-00      | 1             | 91   |
| 22047012-00      | 1             | 74   | 22065510-12      | 1             | 92   | 22065713-3941    | 1             | 37   | 22066777-00      | 1             | 91   |
| 22047030-00      | 1             | 70   | 22065511-00      | 1             | 92   | 22065714-00      | 1             | 39   | 22067210-00      | 1             | 86   |
| 22047030-1241    | 1             | 70   | 22065511-12      | 1             | 92   | 22065714-39      | 1             | 39   | 22067213-00      | 1             | 65   |
| 22047031-00      | 1             | 74   | 22065512-00      | 1             | 92   | 22065716-00      | 1             | 37   | 22067214-00      | 1             | 65   |
| 22047032-00      | 1             | 74   | 22065512-12      | 1             | 92   | 22065716-09      | 1             | 37   | 22067230-00      | 1             | 86   |
| 22047110-00      | 1             | 70   | 22065513-00      | 1             | 92   | 22065716-0928    | 1             | 37   | 22067260-00      | 1             | 86   |
| 22047110-1241    | 1             | 70   | 22065513-12      | 1             | 92   | 22065716-1241    | 1             | 37   | 22067270-00      | 1             | 86   |
| 22047111-00      | 1             | 71   | 22065514-00      | 1             | 92   | 22065716-39      | 1             | 37   | 22067310-00      | 1             | 86   |
| 22047112-00      | 1             | 73   | 22065514-12      | 1             | 92   | 22065716-3941    | 1             | 37   | 22067330-00      | 1             | 86   |
| 22047112-1241    | 1             | 73   | 22065515-00      | 1             | 92   | 22065717-00      | 1             | 39   | 22067370-00      | 1             | 86   |
| 22047113-00      | 1             | 75   | 22065515-12      | 1             | 92   | 22065717-39      | 1             | 39   | 22067460-00      | 1             | 87   |
| 22047114-00      | 1             | 75   | 22065530-00      | 1             | 92   | 22065810-00      | 1             | 93   | 22067510-00      | 1             | 87   |
| 22047115-00      | 1             | 71   | 22065530-12      | 1             | 92   | 22065810-12      | 1             | 93   | 22067710-00      | 1             | 88   |
| 22047115-1241    | 1             | 71   | 22065531-00      | 1             | 92   | 22065811-00      | 1             | 93   | 22067712-00      | 1             | 88   |
| 22047130-00      | 1             | 70   | 22065531-12      | 1             | 92   | 22065811-12      | 1             | 93   | 22067730-00      | 1             | 88   |
| 22047130-1241    | 1             | 70   | 22065532-00      | 1             | 92   | 22065812-00      | 1             | 93   | 22067732-00      | 1             | 88   |
| 22047131-00      | 1             | 71   | 22065532-12      | 1             | 92   | 22065812-12      | 1             | 93   | 22067910-00      | 1             | 89   |
| 22047132-00      | 1             | 73   | 22065533-00      | 1             | 92   | 22065813-00      | 1             | 93   | 22067912-00      | 1             | 89   |
| 22047132-1241    | 1             | 73   | 22065533-12      | 1             | 92   | 22065813-12      | 1             | 93   | 22067930-00      | 1             | 89   |
| 22047133-00      | 1             | 75   | 22065534-00      | 1             | 92   | 22065814-00      | 1             | 93   | 22067932-00      | 1             | 89   |
| 22047134-00      | 1             | 75   | 22065534-12      | 1             | 92   | 22065814-12      | 1             | 93   | 22068110-00      | 1             | 99   |
| 22047135-00      | 1             | 71   | 22065535-00      | 1             | 92   | 22065815-00      | 1             | 93   | 22068115-00      | 1             | 99   |
| 22047135-1241    | 1             | 71   | 22065535-12      | 1             | 92   | 22065815-12      | 1             | 93   | 22068130-00      | 1             | 99   |
| 22047210-00      | 1             | 73   | 22065610-00      | 1             | 40   | 22065830-00      | 1             | 93   | 22068135-00      | 1             | 99   |
| 22047210-1241    | 1             | 73   | 22065610-39      | 1             | 40   | 22065830-12      | 1             | 93   | 22068160-00      | 1             | 99   |
| 22047230-00      | 1             | 73   | 22065612-00      | 1             | 36   | 22065831-00      | 1             | 93   | 22068165-00      | 1             | 99   |
| 22047230-1241    | 1             | 73   | 22065612-1241    | 1             | 36   | 22065831-12      | 1             | 93   | 22068170-00      | 1             | 99   |
| 22047310-00      | 1             | 72   | 22065612-39      | 1             | 36   | 22065832-00      | 1             | 93   | 22068175-00      | 1             | 99   |
| 22047330-00      | 1             | 72   | 22065612-3941    | 1             | 36   | 22065832-12      | 1             | 93   | 22068190-00      | 1             | 99   |
| 22061410-00      | 1             | 91   | 22065613-00      | 1             | 37   | 22065833-00      | 1             | 93   | 22068195-00      | 1             | 99   |
| 22061470-00      | 1             | 91   | 22065613-1241    | 1             | 37   | 22065833-12      | 1             | 93   | 22068310-00      | 1             | 97   |
| 22061801-00      | 1             | 105  | 22065613-39      | 1             | 37   | 22065834-00      | 1             | 93   | 22068311-12      | 1             | 97   |
| 22061801-68      | 1             | 105  | 22065613-3941    | 1             | 37   | 22065834-12      | 1             | 93   | 22068315-00      | 1             | 97   |
| 22061802-00      | 1             | 105  | 22065614-00      | 1             | 40   | 22065835-00      | 1             | 93   | 22068330-00      | 1             | 97   |



| Code<br>iFosnova | px n°<br>pack | page | Code<br>iFosnova | px n°<br>pack | page | Code<br>iFosnova | px n°<br>pack | page     | Code<br>iFosnova | px n°<br>pack | page               |
|------------------|---------------|------|------------------|---------------|------|------------------|---------------|----------|------------------|---------------|--------------------|
| 22068331-12      | 1             | 97   | 22072211-00      | 1             | 361  | 22084413-00      | 1             | 67       | 22090781-00      | 1             | 414                |
| 22068335-00      | 1             | 97   | 22072211-68      | 1             | 361  | 22084415-00      | 1             | 66       | 22090782-00      | 1             | 414                |
| 22068360-00      | 1             | 97   | 22072212-00      | 1             | 361  | 22084416-00      | 1             | 66       | 22090812-00      | 1             | 127                |
| 22068361-12      | 1             | 97   | 22072212-68      | 1             | 361  | 22084418-00      | 1             | 67       | 22090813-1241    | 1             | 127                |
| 22068365-00      | 1             | 97   | 22072230-00      | 1             | 361  | 22084511-73      | 1             | 279      | 22090832-00      | 1             | 415                |
| 22068370-00      | 1             | 97   | 22072230-68      | 1             | 361  | 22084513-00      | 1             | 279      | 22090834-00      | 1             | 415                |
| 22068371-12      | 1             | 97   | 22072231-00      | 1             | 361  | 22084514-00      | 1             | 279      | 22090835-00      | 1             | 415                |
| 22068375-00      | 1             | 97   | 22072231-68      | 1             | 361  | 22084533-00      | 1             | 279      | 22090837-00      | 1             | 415                |
| 22068390-00      | 1             | 97   | 22072232-00      | 1             | 361  | 22084534-00      | 1             | 279      | 22090837-12      | 1             | 415                |
| 22068391-12      | 1             | 97   | 22072232-68      | 1             | 361  | 22084710-00      | 1             | 66       | 22090837-1241    | 1             | 415                |
| 22068395-00      | 1             | 97   | 22073110-00      | 1             | 14   | 22084711-00      | 1             | 66       | 22090838-00      | 1             | 415                |
| 22068413-00      | 1             | 94   | 22073111-00      | 1             | 14   | 22084811-00      | 1             | 269      | 22090839-00      | 1             | 415                |
| 22068433-39      | 1             | 94   | 22073112-00      | 1             | 14   | 22084832-00      | 1             | 269      | 22090840-00      | 1             | 415                |
| 22068513-00      | 1             | 95   | 22073113-00      | 1             | 14   | 22085710-00      | 1             | 273      | 22090841-00      | 1             | 415                |
| 22068613-00      | 1             | 95   | 22073210-00      | 1             | 14   | 22085910-00      | 1             | 45       | 22090841-1241    | 1             | 415                |
| 22068715-00      | 1             | 96   | 22073211-00      | 1             | 14   | 22085910-39      | 1             | 45       | 22090845-12      | 1             | 415                |
| 22070210-00      | 1             | 258  | 22073212-00      | 1             | 14   | 22085912-00      | 1             | 45       | 22090845-1241    | 1             | 415                |
| 22070211-00      | 1             | 258  | 22073213-00      | 1             | 14   | 22085912-39      | 1             | 45       | 22090846-00      | 1             | 415                |
| 22070310-00      | 1             | 259  | 22073310-00      | 1             | 15   | 22085930-00      | 1             | 45       | 22090849-00      | 1             | 415                |
| 22070410-00      | 1             | 259  | 22073311-00      | 1             | 15   | 22085930-39      | 1             | 45       | 22090862-00      | 1             | 414                |
| 22071010-00      | 1             | 256  | 22073312-00      | 1             | 15   | 22085932-00      | 1             | 45       | 22090863-00      | 1             | 414                |
| 22071010-1241    | 1             | 256  | 22073313-00      | 1             | 15   | 22085932-39      | 1             | 45       | 22090867-00      | 1             | 414                |
| 22071010-68      | 1             | 256  | 22073410-00      | 1             | 15   | 22087808-00      | 1             | 44       | 22090871-00      | 1             | 414                |
| 22071010-6841    | 1             | 256  | 22073411-00      | 1             | 15   | 22087808-39      | 1             | 44       | 22090880-00      | 1             | 415                |
| 22071070-00      | 1             | 256  | 22073412-00      | 1             | 15   | 22087809-00      | 1             | 44       | 22090881-00      | 1             | 415                |
| 22071070-1241    | 1             | 256  | 22073413-00      | 1             | 15   | 22087809-39      | 1             | 44       | 22090882-00      | 1             | 415                |
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| 22071070-6841    | 1             | 256  | 22082610-68      | 1             | 77   | 22087831-39      | 1             | 44       | 22090884-00      | 1             | 415                |
| 22071110-00      | 1             | 257  | 22082611-00      | 1             | 80   | 22087832-00      | 1             | 44       | 22090885-00      | 1             | 415                |
| 22071110-1241    | 1             | 257  | 22082613-00      | 1             | 79   | 22087832-39      | 1             | 44       | 22090886-00      | 1             | 415                |
| 22071110-68      | 1             | 257  | 22082615-00      | 1             | 82   | 22090210-1241    | 1             | 241, 243 | 22090890-00      | 1             | 415                |
| 22071110-6841    | 1             | 257  | 22082633-00      | 1             | 79   | 22090215-1241    | 1             | 241, 243 | 22090891-00      | 1             | 415                |
| 22071170-00      | 1             | 257  | 22082635-00      | 1             | 82   | 22090218-00      | 1             | 241, 243 | 22090892-00      | 1             | 415                |
| 22071170-1241    | 1             | 257  | 22082660-00      | 1             | 80   | 22090235-00      | 1             | 241, 243 | 22090893-00      | 1             | 415                |
| 22071170-68      | 1             | 257  | 22082663-00      | 1             | 79   | 22090235-1241    | 1             | 241, 243 | 22090894-00      | 1             | 415                |
| 22071170-6841    | 1             | 257  | 22082670-00      | 1             | 77   | 22090240-1241    | 1             | 244      | 22090895-00      | 1             | 415                |
| 22071210-00      | 1             | 257  | 22082670-68      | 1             | 77   | 22090241-1241    | 1             | 244      | 22090896-00      | 1             | 415                |
| 22071210-1241    | 1             | 257  | 22082710-00      | 1             | 77   | 22090242-1241    | 1             | 244      | 22090897-00      | 1             | 415                |
| 22071210-68      | 1             | 257  | 22082710-68      | 1             | 77   | 22090243-1241    | 1             | 244      | 22090898-00      | 1             | 415                |
| 22071210-6841    | 1             | 257  | 22082713-00      | 1             | 79   | 22090244-1241    | 1             | 244      | 22090899-00      | 1             | 415                |
| 22071270-00      | 1             | 257  | 22082715-00      | 1             | 83   | 22090245-1241    | 1             | 244      | 22091412-00      | 1             | 197                |
| 22071270-1241    | 1             | 257  | 22082716-00      | 1             | 83   | 22090260-00      | 1             | 241, 243 | 22091412-09      | 1             | 197                |
| 22071270-68      | 1             | 257  | 22082733-00      | 1             | 79   | 22090260-1241    | 1             | 241, 243 | 22091412-1241    | 1             | 197                |
| 22071270-6841    | 1             | 257  | 22082735-00      | 1             | 83   | 22090296-00      | 1             | 241, 243 | 22091432-00      | 1             | 197                |
| 22071710-68      | 1             | 257  | 22082736-00      | 1             | 83   | 22090701-00      | 1             | 405      | 22091432-09      | 1             | 197                |
| 22071770-68      | 1             | 257  | 22082760-39      | 1             | 79   | 22090723-00      | 1             | 235      | 22091432-1241    | 1             | 197                |
| 22072110-00      | 1             | 360  | 22082770-00      | 1             | 77   | 22090723-1241    | 1             | 235      | 22091610-00      | 1             | 388                |
| 22072110-68      | 1             | 360  | 22082770-68      | 1             | 77   | 22090724-00      | 1             | 235      | 22091630-00      | 1             | 388                |
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| 22108332-68      | 1             | 344  | 22108830-68      | 1             | 355  | 22109410-6841    | 1             | 314  | 22111130-1241    | 1             | 134  |
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| 22108512-68      | 1             | 340  | 22108835-6841    | 1             | 315  | 22109432-6841    | 1             | 314  | 22111135-1241    | 1             | 134  |
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| 22108530-68      | 1             | 340  | 22109011-68      | 1             | 352  | 22109511-6841    | 1             | 315  | 22111211-1241    | 1             | 141  |



| Code<br>ifosnova | px n°<br>pack | page | Code<br>ifosnova | px n°<br>pack | page | Code<br>ifosnova | px n°<br>pack | page | Code<br>ifosnova | px n°<br>pack | page |
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| Code<br>iFosnova | px n°<br>pack | page | Code<br>iFosnova | px n°<br>pack | page | Code<br>iFosnova | px n°<br>pack | page | Code<br>iFosnova | px n°<br>pack | page |
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**PHOTOMETRIC DATA, POWER EFFICIENCY AND LUMINAIRE DESIGN INFORMATION MAY BE SUBJECT TO VARIATIONS AND IMPROVEMENTS. BASED ON THE SPEED OF TECHNOLOGICAL EVOLUTION AFFECTING THESE PRODUCTS. THE COLOUR TEMPERATURES OF LEDS FALL WITHIN ACCEPTED INDUSTRY TOLERANCES DEFINED BY LED MANUFACTURERS, WE WILL GIVE NOTICE OF THESE CHANGES ON OUR WEBSITES FROM TIME TO TIME.**

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**OUTPUT LUMINOUS FLUX AND POWER (tq): THE REPORTED LUMINOUS FLUX IS THE FLUX EMITTED BY THE LIGHT SOURCE WITH A TOLERANCE OF  $\pm 10\%$  COMPARED TO THE INDICATED VALUE. THE W TOT COLUMN (EXCEPT FOR THE EMERGENCY VERSIONS, OF WHICH VALUES ARE TO BE PROVIDED UPON REQUEST) INDICATES THE TOTAL WATTAGE ABSORBED BY THE SYSTEM WITHOUT EXCEEDING 10% OF THE INDICATED VALUE.**

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**NOMINAL LUMINOUS FLUX AND POWER (tj-tp): LUMINOUS FLUX AND POWER VALUES ARE NOMINAL. THE FLUX MAY HAVE A TOLERANCE OF  $\pm 10\%$  WITH REFERENCE TO THE INDICATED VALUE. THE W COLUMN INDICATES THE LED'S POWER WATTAGE.**

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**ALWAYS STAY WITHIN THE RECOMMENDED OPERATING TEMPERATURES OF THE DEVICE.**

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**EXPOSURE TO CHEMICALS EITHER DIRECTLY OR IN THE ATMOSPHERE MAY DAMAGE THE LEDS AS WELL AS THE LIGHTING FIXTURES. FOR FURTHER INFORMATION, PLEASE CONTACT THE MANUFACTURER AND READ THE CHEMICAL COMPATIBILITY TABLE.**

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