

HOTEL



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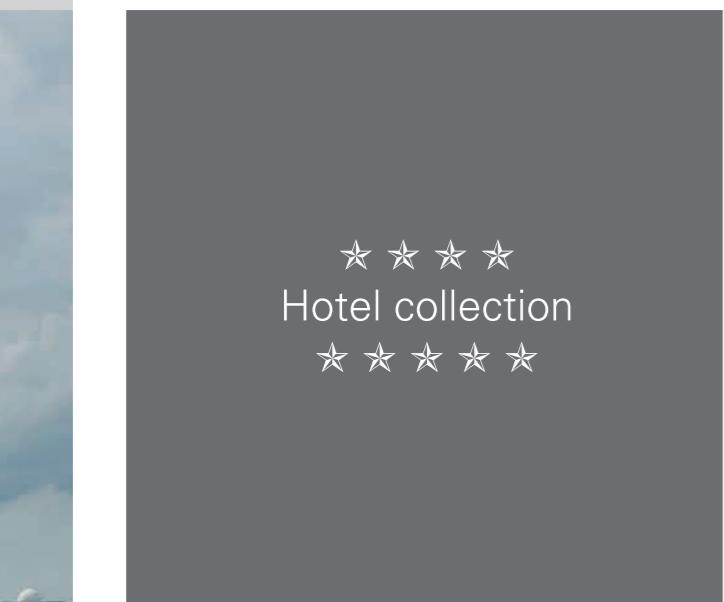
Hotel collection

A selection of products for
different applications

M A D E I N I T A L Y - d i s t r i b u t e d b y

DELSANA
LED LIGHTING SYSTEMS

★★★★
Hotel collection
★★★★★



| | |
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★ ★ ★ ★
Hotel collection
★ ★ ★ ★ ★

An extensive selection of LED lighting fixtures for hotels, bars and restaurants.

Decorative lights, technical lights and top-performance lights that together consider the diverse lighting needs in every area of a hotel.

Hotel lighting

The hotel industry has changed deeply in the last few years. Today, many different types of hotel exist: boutique hotels, artistic hotels, diffused hotels and many other variants of the classic hotel. The competition with other forms of accommodation, such as B&Bs, is forcing hotels to personalize their structure. Every hotel must now have a strong brand image to make a memorable experience for their guests. Lighting is fundamental for creating an attractive, personalized hotel capable of offering guests a pleasant and enjoyable stay. In summary, lights are not just decorating elements, but they are the true protagonists of the hotel's ambience.

To enhance architectonic and decorating solutions.

A good lighting system fitting innovative LED lights enhances the architecture and the decor characterizing a hotel. No matter the style chosen, whether it is to focus on simplicity, luxury or originality, lighting is the element that gives life to spaces, designing them and creating the mood. With LED sources, lighting designers have many more design choices compared to conventional sources. For example, a LED fixture can be easily inserted into architectonic and decorating elements, creating amazing settings. Different types of fixtures also allow monitoring the spaces, in the best way possible, characterizing the environments based on their diverse uses, such as the relaxation areas, lobbies, conference rooms.

Ecologic sources and new technology

Good lighting choices can say much about a hotel. When visitors enter a hotel they need to perceive a carefully studied and contemporary design. The choice of LED sources is a tell-tale sign of a hotel's interest in environmental issues, favouring energy-saving solutions and the use of cutting-edge technologies. In this sense, LEDs, in addition to offering a notable advantage in terms of energy consumption and therefore lower costs, also allows characterizing the hotel as an eco-sustainable structure. In a quality hotel, guests expect a technologically updated system. LED fixtures, even without using highly sophisticated fixtures, offer a high-quality lighting system, capable of being modulated and much more flexible compared to conventional lighting systems.

To create the mood and a memorable brand image

The right lighting in hotel rooms and common spaces creates the mood that characterizes the structure and establishes an emotional relationship with guests. Today, LEDs allow lighting effects with a strong impact, both outdoors and indoors. Linear spotlights and fixtures, with compact dimensions, can be placed in decorating elements, and the use of different colours and diverse lighting scenes can turn a short stay into an experience to remember.

Good lights help guests remember their stay in a positive way and

Energy savings, functionality and personalization

The advantages of LEDs are not just aesthetic. In hotels, some areas need to be illuminated all the time, so lighting usually accounts for the biggest item on the energy bill. A LED lighting system is therefore particularly suited in the hotel industry also for the favourable impact on costs. Savings are given by the LED sources that absorb up to 70% less energy compared to old lamps and by lighting controllers, such as lighting and presence detectors that allow notable savings by avoiding wasting energy and switching lights on unnecessarily. Sensors can dim lights based on the amount of daylight in the room, using lights only when and where needed.



Postillion Hotel Bunnik - Utrecht, the Netherlands



Sir Joan Hotel - Ibiza, Spain



Zaira Villa - Lecce, Italy



The Yard - Milan, Italy



The Ralph - Milan, Italy



Aquapark Sport Hotel - Wieradów Zdrój, Poland



Hotel Karisma - Ulcinj, Montenegro



Arrival

The external lights illuminating the hotel's front help make a positive impression. Whether to create amazing light plays or to exhibit aesthetic rigour, the lights illuminating a hotel as soon as visitors arrive will tell them about the quality they can expect inside. Well-kept gardens with ambient lights, illuminated entrance paths, safe parking areas give visitors seeking for relaxation after a long journey a feeling of comfort.

Reception

Reception areas (front desks and lobbies) must be well-illuminated to prevent visitors from feeling disoriented when they enter the hotel. It should be made clear where they can check in, find a restroom, leave their luggage, etc...). In these areas, lights can play a key role for creating a positive first impression.

Accommodation

Hotel rooms with a skilfully designed lighting system can achieve superior quality levels. The pleasure of staying in a comfortable room increases guest's satisfaction. Dimmable lights allow them to decide the desired lighting level during different moments of the day.

All inclusive

Hotels offer their guests many different types of spaces. Lounge areas with couches and soft chairs where guests can relax, rooms where they can have breakfast and restaurant rooms where they have lunch and dinner, fitness rooms, as well as spas, swimming pools and gyms. On terraces and in gardens and outdoor areas lights are fundamental for creating a sense of aesthetics and comfort. Even in these secondary zones, a carefully designed lighting system makes environments particularly pleasant to enjoy.

Technical areas

There are many people working in a hotel both directly with guests and "behind the scenes". These people require lights with specific technical features in order to perform their tasks in a safe and accurate way. In kitchens, storage rooms and laundry rooms, it is best to install customized lighting systems.

★ ★ ★ ★
Hotel collection
★ ★ ★ ★ ★
Renovate to save!!

FIXED COSTS AND VARIABLE COSTS OF ENERGY CONSUMPTION

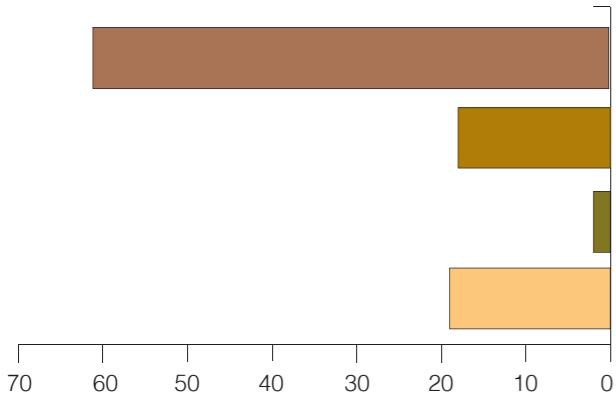
It is well-known that there are fixed and variable costs in the energy consumption of hotels.

In terms of variable costs, much can be saved using an energy efficient lighting system.

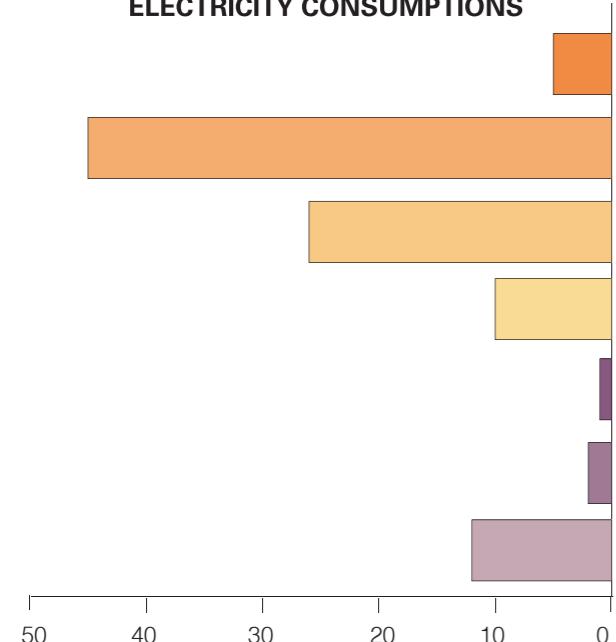
The costs of electricity (amounting to about 61% of total variable costs) depend on seasons (26% for air conditioning and 10% for ventilation, while other costs depend on the room's use (conference rooms) or occupancy (TV, mini-bar, lights in the room and bathroom, corridors).

With the LED technology, hotels can save up to 85% of their energy costs both in the areas where lights stay always on (entrance hall, reception desk, kitchens, etc.) and in the areas where lights are consumed on-demand (room occupancy, parking areas, corridors, technical rooms).

ENERGY COSTS



ELECTRICITY CONSUMPTIONS



1: SWITCHING TO THE LED TECHNOLOGY

There are many reasons for switching to the LED technology. A skilful relamping project allows saving up to 85% on energy bills!

| | LED | CFL | HALOGEN | INCANDESCENCE |
|-------------------------------|---------------------|-----------|-------------------|-------------------|
| Life | Very long 50.000*** | Long | Medium | Short |
| Energy used | Very low | Low | Medium | High |
| Energy consumption | 15% | 25% | 78% | 100% |
| Average energy savings | Up to 85% | Up to 75% | Up to 28% | 0% |
| Running costs | Very low | Low | Medium | High |
| Environmental impact | Very low | Low | Medium | High |
| Availability | Very high | Medium | No longer allowed | No longer allowed |



2: RELAMPING

Before relamping your lights, with just a few easy tricks, you can also save on installation costs. For example:

In hotels with false ceilings made up of panel modules, you can use Pannello LED fixtures.

With existing recessed spotlights, it is possible to install a new LED source using the same spotlight holes or only slightly bigger. All you need is a Forstner drill to make a bigger hole without changing the false ceiling.

In this brochure we selected some products that have a life of 50000 (****) or higher: this will make you forget about the costs for changing broken or worn out lamps for a very long time.

Free-standing installation: the products displayed in this brochure do not require particular mounting tools or methods. Moreover, they do not need to be opened for internal cabling purposes because they are already ready for use.

3: SMART LIGHTING CONTROL

Not all the areas of a big hotel are occupied or used all the time. Some spaces such as corridors, stairways, restrooms, conference rooms and recreational rooms may require the installation of special lighting dimmers. This brochure contains a selection of lighting fixtures with dimmable and DALI cabling that allow you to control lights using products that range from BASIC solutions to very complex lighting management systems. For example:



BASIC SOLUTION PLUG & PLAY systems with on-board sensors:

- 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:

- 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:

- 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 SOLUTION COMPLEX solutions requiring lighting management hardware and software:

- 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 (e.g. commissioning)
- Scalable

★★★★
Hotel collection
★★★★★

Arrivo



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Cripto Medium - Cripto Big

Housing: in die-cast aluminium with cooling fins.

Diffuser: tempered glass, 4 mm thick, resistant to thermal shock and impacts.

Coating: the standard powder coating consists of a first metal surface pre-treatment stage and of single layer of UV-stabilised, corrosion and salt resistant polyester powder coating. On request: coating COMPLIANT with UNI EN ISO 9227 Corrosion tests in artificial atmospheres for aggressive environments.

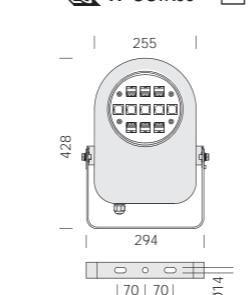
Standard Supply: complete with galvanised and coated bracket. With double insulation switch. Safety diode to protect against voltage peaks compliant with EN 61547.

On request: 1-10V dimmer, dimmable from 10% to 100% (subcode **-0041**), Radar Sensor version (subcode **-19**).

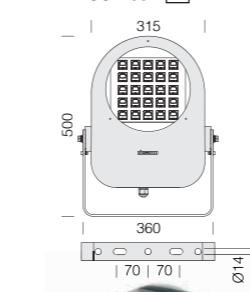
LED: power factor: ≥0.9. Photobiological safety class: exempt group.

Cripto

IP66IK08



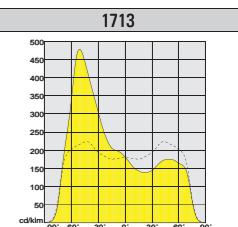
IP66IK08



1713 Cripto medium - asymmetric

| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|----------|-----------|--------------------------|------|
| wattage | colour | weight | code |
| LED | graphite | 413030-00 | |
| | grey 9006 | 413031-00 | 93 |

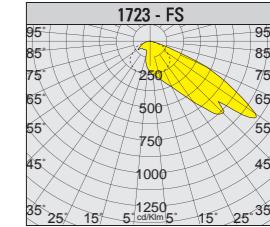
K - ølm 700mA - CRI 80
4000 K - 9121 lm - CRI 80



1723 Cripto Big - asymmetric 50° - FS

| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|----------|-----------|--------------------------|------|
| wattage | colour | weight | code |
| LED | graphite | 413070-00 | |
| | grey 9006 | 413074-00 | 134 |
| LED | graphite | 413071-00 | |
| | grey 9006 | 413075-00 | 211 |

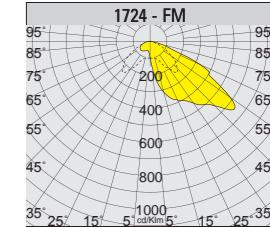
K - ølm 700mA - CRI 80
4000 K - 12169 lm - CRI 80
4000 K - 19014 lm - CRI 80



1724 Cripto Big - asymmetric 50° - FM

| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|----------|-----------|--------------------------|------|
| wattage | colour | weight | code |
| LED | graphite | 413080-00 | |
| | grey 9006 | 413084-00 | 134 |
| LED | graphite | 413081-00 | |
| | grey 9006 | 413085-00 | 211 |

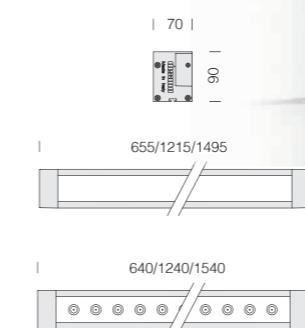
K - ølm 700mA - CRI 80
4000 K - 12682 lm - CRI 80
4000 K - 19816 lm - CRI 80





Sicura

IP66IK08

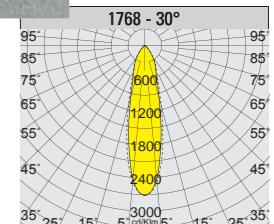


4000K
CRI
70-80

50.000h
L80B20

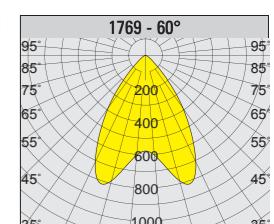
1768 Sicura FS - symmetric

| wattage | colour | L | CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|---------|--------|------|----------|-----------|--------------------------|---------------------------------|
| | | | weight | code | W tot | K - ølm - CRI - degrees |
| LED | grey | 655 | 3.00 | 414242-00 | 22 | 4000 K - 2931 lm - CRI≥80 - 30° |
| | | 1215 | 3.50 | 414243-00 | 43 | 4000 K - 5865 lm - CRI≥80 - 30° |
| | | 1495 | 4.00 | 414244-00 | 54 | 4000 K - 7329 lm - CRI≥80 - 30° |



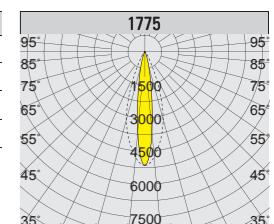
1769 Sicura FL - symmetric

| wattage | colour | L | CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|---------|--------|------|----------|-----------|--------------------------|---------------------------------|
| | | | weight | code | W tot | K - ølm - CRI - degrees |
| LED | grey | 655 | 3.00 | 414262-00 | 22 | 4000 K - 3136 lm - CRI≥80 - 60° |
| | | 1215 | 3.50 | 414263-00 | 43 | 4000 K - 6272 lm - CRI≥80 - 60° |
| | | 1495 | 4.00 | 414264-00 | 54 | 4000 K - 7840 lm - CRI≥80 - 60° |



1775 Sicura - elliptic

| wattage | colour | L | CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|---------|--------|------|----------|-----------|--------------------------|---------------------------|
| | | | weight | code | W tot | K - ølm - CRI |
| LED | grey | 640 | 3.00 | 414236-00 | 31 | 4000 K - 3148 lm - CRI≥70 |
| | | 1240 | 3.50 | 414237-00 | 61 | 4000 K - 6297 lm - CRI≥70 |
| | | 1540 | 4.00 | 414238-00 | 77 | 4000 K - 8096 lm - CRI≥70 |



acc. 376 ceiling moun. unit

galvanized 145151-00

For direct ceiling installation. Only for equipment with direct light. **2 for pack.**

acc. 537 adjustable connection

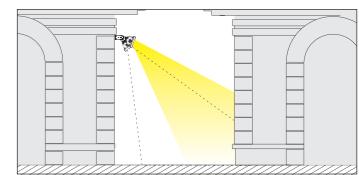
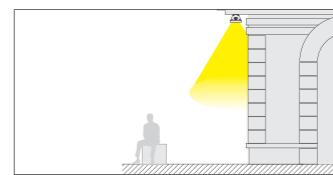
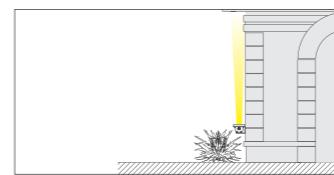
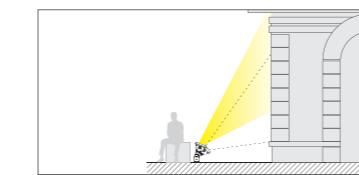
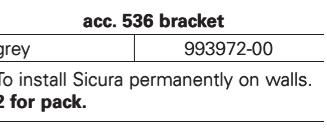
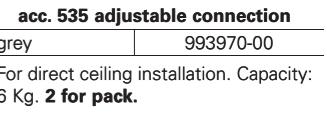
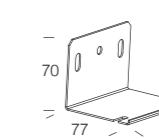
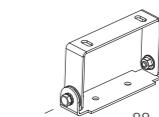
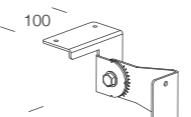
galvanized 993974-00

To install Sicura on walls or ceiling. To be used for continuous lines. **2 for pack.**

acc. 339 connector

993836-00

To be used for mains connection.





Brick

Housing: in die-cast aluminium.

Diffuser: in tempered glass, 4 mm thick, thermal shock and impact resistant.

Coating: the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cataphoresis corrosion and salt resistant coating, and a final layer of bi-component acrylic liquid UV-stabilised coating.

Standard supply: supplied with plate for wall installation and cable with IP67 airtight connector for mains connection.

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

Power factor ≥0.9

Brick

IP65IK07

| | |
|--|------|
| | 1556 |
| | 1557 |
| | 1558 |



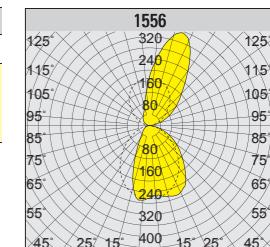
3000K

CRI
80

50.000h
L80B20

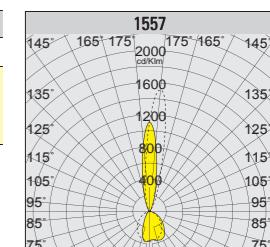
1556 Brick - direct/indirect light

| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|----------|-----------|--------------------------|---------------------------|
| wattage | colour | weight | code |
| LED | grey 9007 | 1.00 | 420600-00 |
| | white | | 420601-00 |
| | graphite | | 420602-00 |
| | | 19 | 3000 K - 1440 lm - CRI 80 |



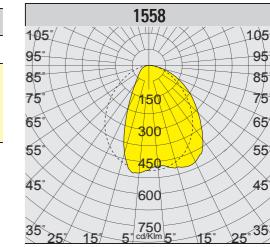
1557 Brick - direct/indirect light with narrow beam

| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|----------|-----------|--------------------------|------------------------|
| wattage | colour | weight | code |
| LED | grey 9007 | 1.00 | 420610-00 |
| | white | | 420611-00 |
| | graphite | | 420612-00 |
| | | 11 | 3000K - 890lm - CRI 80 |

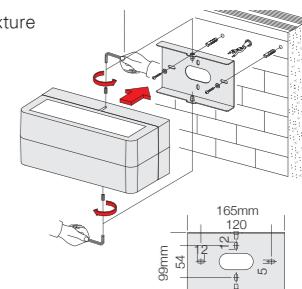


1558 Brick - direct light

| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|----------|-----------|--------------------------|------------------------|
| wattage | colour | weight | code |
| LED | grey 9007 | 1.00 | 420620-00 |
| | white | | 420621-00 |
| | graphite | | 420622-00 |
| | | 10 | 3000K - 730lm - CRI 80 |



Mounting: rapid connection, the fixture does not need to be opened.





Volo

Housing and frame: pressed in die-cast aluminium and designed with a very small surface exposed to wind. Cooling fins are integrated into the cover.

Pole connection: pressed in die-cast aluminium. Suited for poles with a diameter 60 mm.

Diffuser: extra-clear tempered glass, 4 mm thick, resistant to thermal shocks and impacts (UNI-EN 12150-1: 2001).

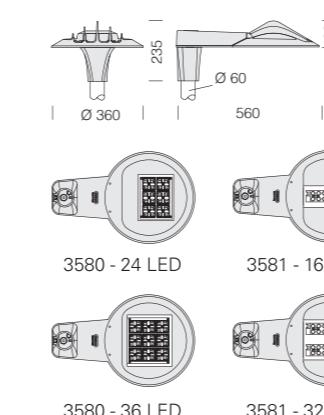
Coating: the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cataphoresis corrosion and salt resistant coating, and a final layer of bi-component acrylic liquid UV-stabilised coating.

Standard supply: Automatic temperature control inside the device with automatic resetting. Safety diode to protect against voltage peaks compliant with EN 61547. With dedicated electronic device to protect the LED module. Supplied with connector for mains connection and complete with an air-circulation valve.

LED: power factor: ≥0,9. Photobiological safety class: exempt group.

Volo

IP66IK08 Registered Design DM/100271



25W-35W45W-69W
= 6/10kW



4000K

3000K

CRI
70

80.000h
L80B20

3580 Volo - residential amenities - high performance

| wattage | colour | CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|------------|--------|----------|-----------|--------------------------|---------------------------|
| | | weight | code | W tot | K - lm - CRI |
| LED | pearl | 6.00 | 424600-00 | 25 | 4000 K - 4346 lm - CRI 70 |
| | pearl | 6.00 | 424600-39 | | 3000 K - 4115 lm - CRI 70 |
| LED | blue | 6.00 | 424601-00 | 25 | 4000 K - 4346 lm - CRI 70 |
| | blue | 6.00 | 424601-39 | | 3000 K - 4115 lm - CRI 70 |
| LED | pearl | 6.50 | 424602-00 | 45 | 4000 K - 7412 lm - CRI 70 |
| | pearl | 6.50 | 424602-39 | | 3000 K - 7019 lm - CRI 70 |
| LED | blue | 6.50 | 424603-00 | 45 | 4000 K - 7412 lm - CRI 70 |
| | blue | 6.50 | 424603-39 | | 3000 K - 7019 lm - CRI 70 |

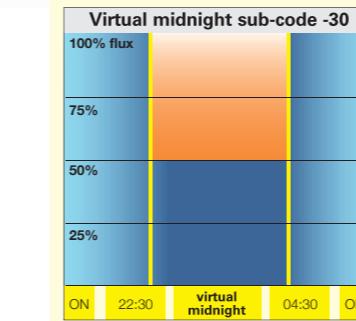
3581 Volo - cycleways + residential amenities

| wattage | colour | CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|------------|--------|----------|-----------|--------------------------|---------------------------|
| | | weight | code | W tot | K - lm - CRI |
| LED | pearl | 6.00 | 424610-00 | 35 | 4000 K - 4411 lm - CRI 70 |
| | pearl | 6.00 | 424610-39 | | 3000 K - 4177 lm - CRI 70 |
| LED | blue | 6.00 | 424611-00 | 35 | 4000 K - 4411 lm - CRI 70 |
| | blue | 6.00 | 424611-39 | | 3000 K - 4177 lm - CRI 70 |
| LED | pearl | 6.20 | 424612-00 | 69 | 4000 K - 8970 lm - CRI 70 |
| | pearl | 6.20 | 424612-39 | | 3000 K - 8494 lm - CRI 70 |
| LED | blue | 6.20 | 424613-00 | 69 | 4000 K - 8970 lm - CRI 70 |
| | blue | 6.20 | 424613-39 | | 3000 K - 8494 lm - CRI 70 |



Available in graphite colour with **sub-code -2168**.

Zhaga Socket (sub-code -0054)



Virtual midnight subcode -30: fixtures can be equipped with a device to dim lights in two levels, based on virtual midnight calculation. The reduction of the luminous flux occurs without pilot wire or control phase. The average value between the time the fixture is switched on (sunset) and switched off (sunrise) is the reference point for the device and it is commonly known as "virtual midnight". A microprocessor calculates the desired switching time starting from this reference point. Factory settings are 2.5 hours before (about 10.30 p.m.) and 4.5 hours after (about 4.30 a.m.) the "virtual midnight". When the fixtures are switched on, they operate at 100%, after 4 hours they go down to 50% and after 7 hours they go up to 100% again.

N.B. upon request, it is possible to change virtual midnight factory settings.



Lucerna

Technical Specifications: housing, lid, spokes, and connection for die-cast aluminium pressed poles.

Diffuser: tempered glass, 5 mm thick, withstands thermal shock and impacts.

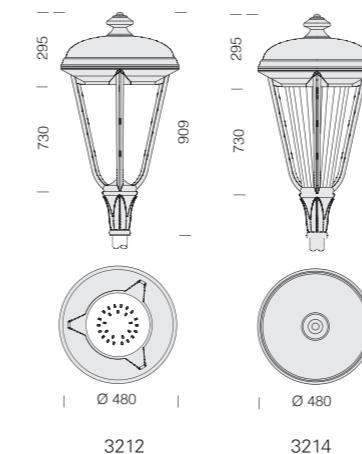
Coating: the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cataphoresis corrosion and salt resistant coating, and a final layer of bi-component acrylic liquid UV-stabilised coating.

Equipment: nylon wiring plate, 30% fibre glass, removable, tool-free, for quick maintenance. Standard knife switch, which enables to automatically cut off the power supply during maintenance. Complete with quick-connector for connection to the line. Can be adjusted by loosening the bolts without taking the lighting fixture apart. Temperature control device. In the event of an unexpected LED temperature rise caused by particular weather conditions or a LED failure, the system will reduce the luminous flux to lower the working temperature and guarantee proper operation.

LED: power factor: ≥0.9. Photobiological safety class: exempt group.

Lucerna

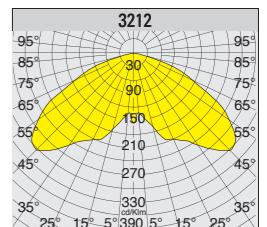
IP66IK08



3212 Lucerna R

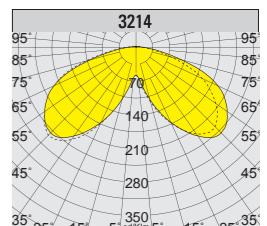
| | CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|------------|----------|-----------|--------------------------|---------------------------|
| colour | weight | code | W tot | K - olm 350mA - CRI |
| anthracite | 12.35 | 326970-00 | 28 | 4000 K - 3515 lm - CRI>70 |

On request: 3000K version.

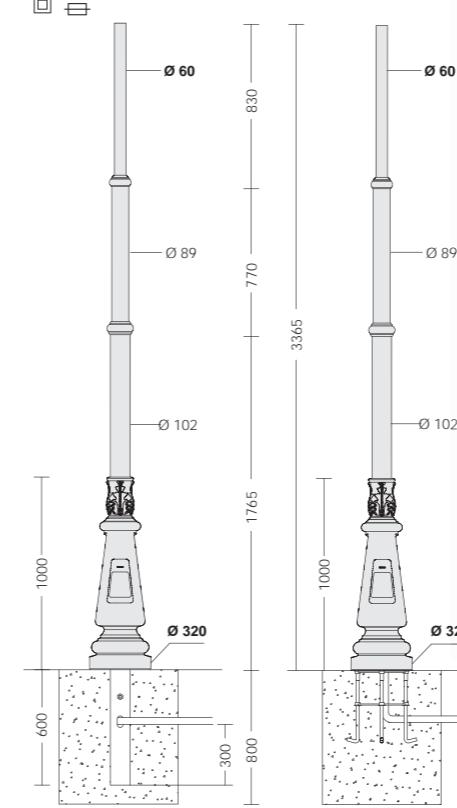


3214 Lucerna R

| | CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|------------|----------|-----------|--------------------------|---------------------------|
| colour | weight | code | W tot | K - olm 350mA - CRI |
| anthracite | 12.35 | 326985-00 | 28 | 4000 K - 2626 lm - CRI>70 |



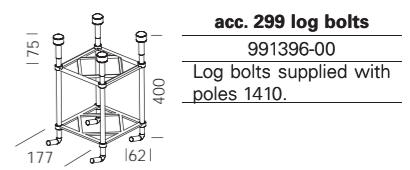
acc. 1411 - Lucerna pole to be buried



| colour | code | Ø 60 | Ø 320 | Ø 60 |
|------------|-----------|------|------|------|------|------|-------|-------|
| anthracite | 425230-00 | 3965 | 3365 | 600 | 300 | 320 | 60 | Ø 320 |

acc. 1410 - Lucerna pole with base

| colour | code | Ø 320 | Ø 60 | Ø 300 |
|------------|-----------|-------|------|-------|
| anthracite | 425220-00 | 3365 | 300 | 320 |



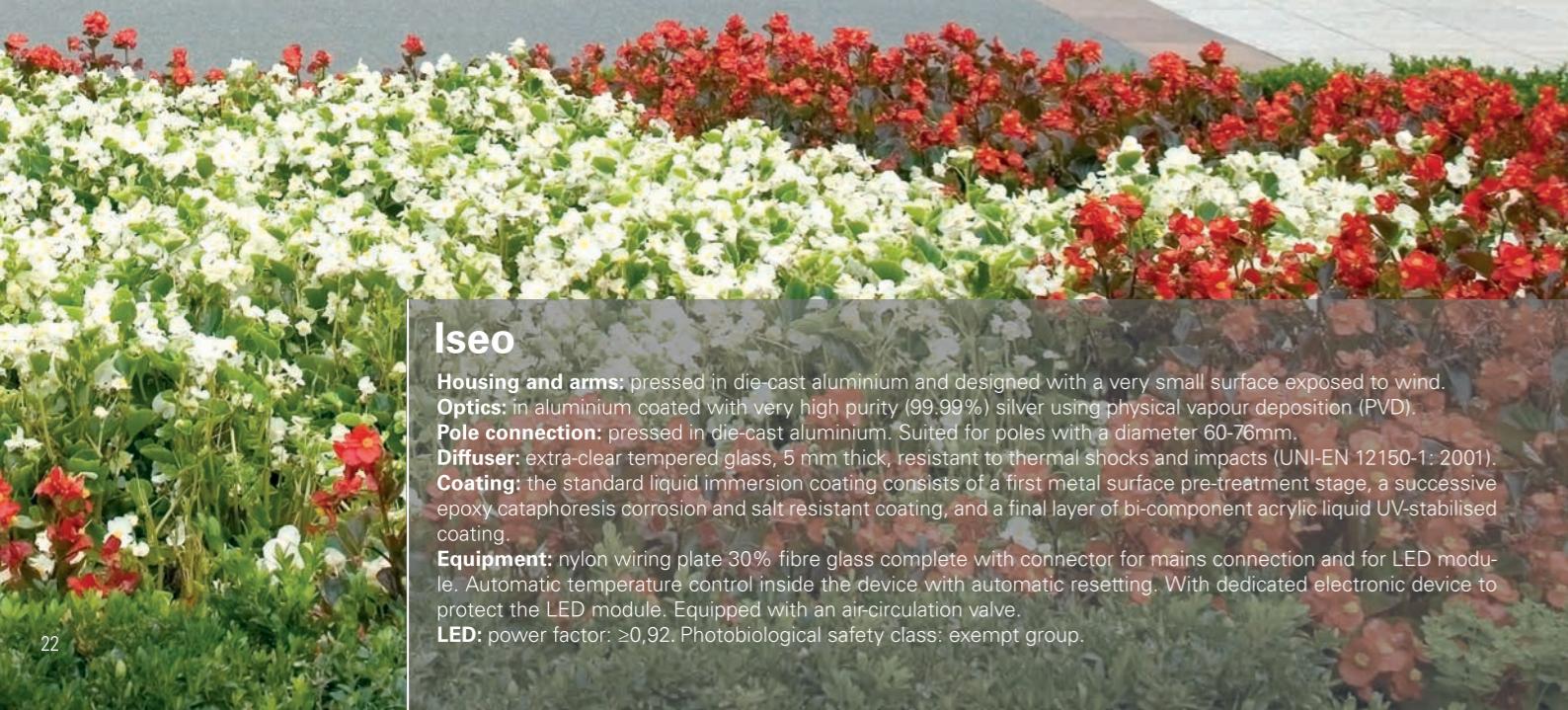
acc. 299 log bolts
991396-00
Log bolts supplied with
poles 1410.



4000K

CRI
70

100.000h
L80B10



Iseo

IP66IK09
□

3361
8 LED

3361
16 LED

3362
16 LED

3360
32 LED

3361

3362

3360

acc. 109 anti-glare shield

3361 Iseo 2 - residential amenities

| | | CLD CELL | LUMEN OUTPUT (tq= 25 °C) | |
|---------|------------|----------|--------------------------|--|
| wattage | colour | weight | code | W tot |
| LED | anthracite | 710 | 330570-00 | 33 |
| | | | 330570-39 | 4000 K - 3366 lm - CRI 70 3000 K - 3130 m - CRI 70 |
| LED | anthracite | 710 | 330571-00 | 64 |
| | | | 330571-39 | 4000 K - 6732 lm - CRI 70 3000 K - 6261 lm - CRI 70 |

On request: possibility to control each individual light point.

3362 Iseo 3 - residential amenities

| | | CLD CELL | LUMEN OUTPUT (tq= 25 °C) | |
|---------|------------|----------|--------------------------|--|
| wattage | colour | weight | code | W tot |
| LED | anthracite | 710 | 330580-00 | 64 |
| | | | 330580-39 | 4000 K - 6741 lm - CRI 70 3000 K - 6269 lm - CRI 70 |

On request: possibility to control each individual light point.

3360 Iseo 1 - wide beam

| | | CLD CELL | LUMEN OUTPUT (tq= 25 °C) | |
|---------|------------|----------|--------------------------|--|
| wattage | colour | weight | code | W tot |
| LED | anthracite | 730 | 330560-00 | 52 |
| | | | 330560-39 | 4000 K - 5667 lm - CRI 70 3000 K - 5270 lm - CRI 70 |

On request: possibility to control each individual light point.

acc. 109 anti-glare shield

| | |
|------------|-----------|
| anthracite | 991309-00 |
|------------|-----------|

To prevent glare effects. To be fitted when Garda is installed near a window.

33W-64W-52W
= 6/10kW

SURGE

4000K

3000K

CRI
70

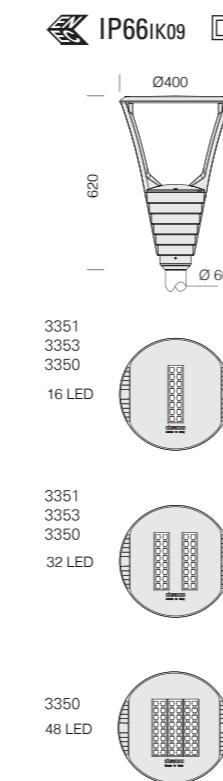
100.000h
L80B10



Garda

Housing and arms: pressed in die-cast aluminium and designed with a very small surface exposed to wind.
Optics: made of PMMA with high temperature resistance and UV rays.
Pole connection: pressed in die-cast aluminium. Suited for poles with a diameter 60-76mm.
Diffuser: extra-clear tempered glass, 4 mm thick, resistant to thermal shocks and impacts (UNI-EN 12150-1: 2001).
Coating: the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cataphoresis corrosion and salt resistant coating, and a final layer of bi-component acrylic liquid UV-stabilised coating.
Equipment: nylon wiring plate 30% fibre glass complete with connector for mains connection and for LED module. Automatic temperature control inside the device with automatic resetting. With dedicated electronic device to protect the LED module. Equipped with an air-circulation valve.
LED: power factor: ≥0,9. Photobiological safety class: exempt group.

Garda



3351 Garda 2 - asymmetric

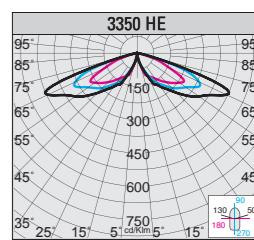
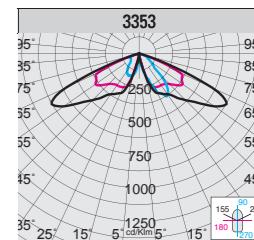
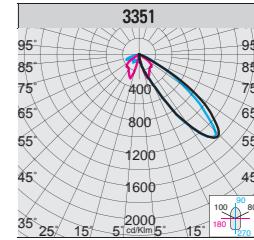
| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | | | |
|------------|------------|--------------------------|------|-----------|---------------------------|
| wattage | colour | weight | code | W tot | K - ølm - CRI |
| LED | anthracite | 3.30520-00 | | 35 | 4000 K - 3773 lm - CRI 70 |
| | | 3.30520-39 | | | 3000 K - 3508 lm - CRI 70 |
| LED | anthracite | 3.30521-00 | | 66 | 4000 K - 7275 lm - CRI 70 |
| | | 3.30521-39 | | | 3000 K - 6765 lm - CRI 70 |

Upon request: possibility to control each individual light point.

3353 Garda 4 - cycleways + residential amenities

| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | | | |
|------------|------------|--------------------------|------|-----------|---------------------------|
| wattage | colour | weight | code | W tot | K - ølm - CRI |
| LED | anthracite | 3.30540-00 | | 35 | 4000 K - 3525 lm - CRI 70 |
| | | 3.30540-39 | | | 3000 K - 3278 lm - CRI 70 |
| LED | anthracite | 3.30541-00 | | 66 | 4000 K - 6887 lm - CRI 70 |
| | | 3.30541-39 | | | 3000 K - 6404 lm - CRI 70 |

Upon request: possibility to control each individual light point.



3350 Garda 1 HE - wide beam

| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | | | |
|------------|------------|--------------------------|------|-----------|---------------------------|
| wattage | colour | weight | code | W tot | K - ølm - CRI |
| LED | anthracite | 3.30512-00 | | 18 | 4000 K - 1823 lm - CRI 70 |
| | | 3.30512-39 | | | 3000 K - 1695 lm - CRI 70 |
| LED | anthracite | 3.30513-00 | | 31 | 4000 K - 3463 lm - CRI 70 |
| | | 3.30513-39 | | | 3000 K - 3221 lm - CRI 70 |
| LED | anthracite | 3.30517-00 | | 41 | 4000 K - 5193 lm - CRI 70 |
| | | 3.30517-39 | | | 3000 K - 4829 lm - CRI 70 |

Upon request: possibility to control each individual light point.

acc. 109 anti-glare shield

anthracite 991312-00

To prevent glare effects. To be fitted when Garda is installed near a window.

18W-31W-35W
66W-41W= 6/10kW


4000K

3000K

CRI
70

100.000h
L80B10



Ottima

Housing: injection moulded, in grey polycarbonate, shatter-proof, UV-stabilised, highly resistant to mechanical impacts thanks to the reinforced structure with internal ribbing.

Diffuser: transparent polycarbonate injection-moulded diffuser with grooves and internal opaque satin finish for greater lighting diffusion, V2 self-extinguished, UV stabilised, outer smooth finish for easy cleaning and to maximize lighting efficiency. Closure with clamps and stainless steel safety screws.

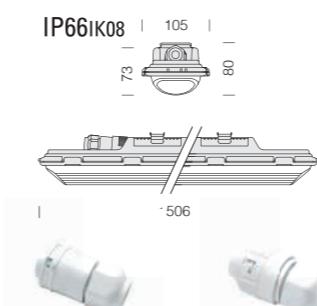
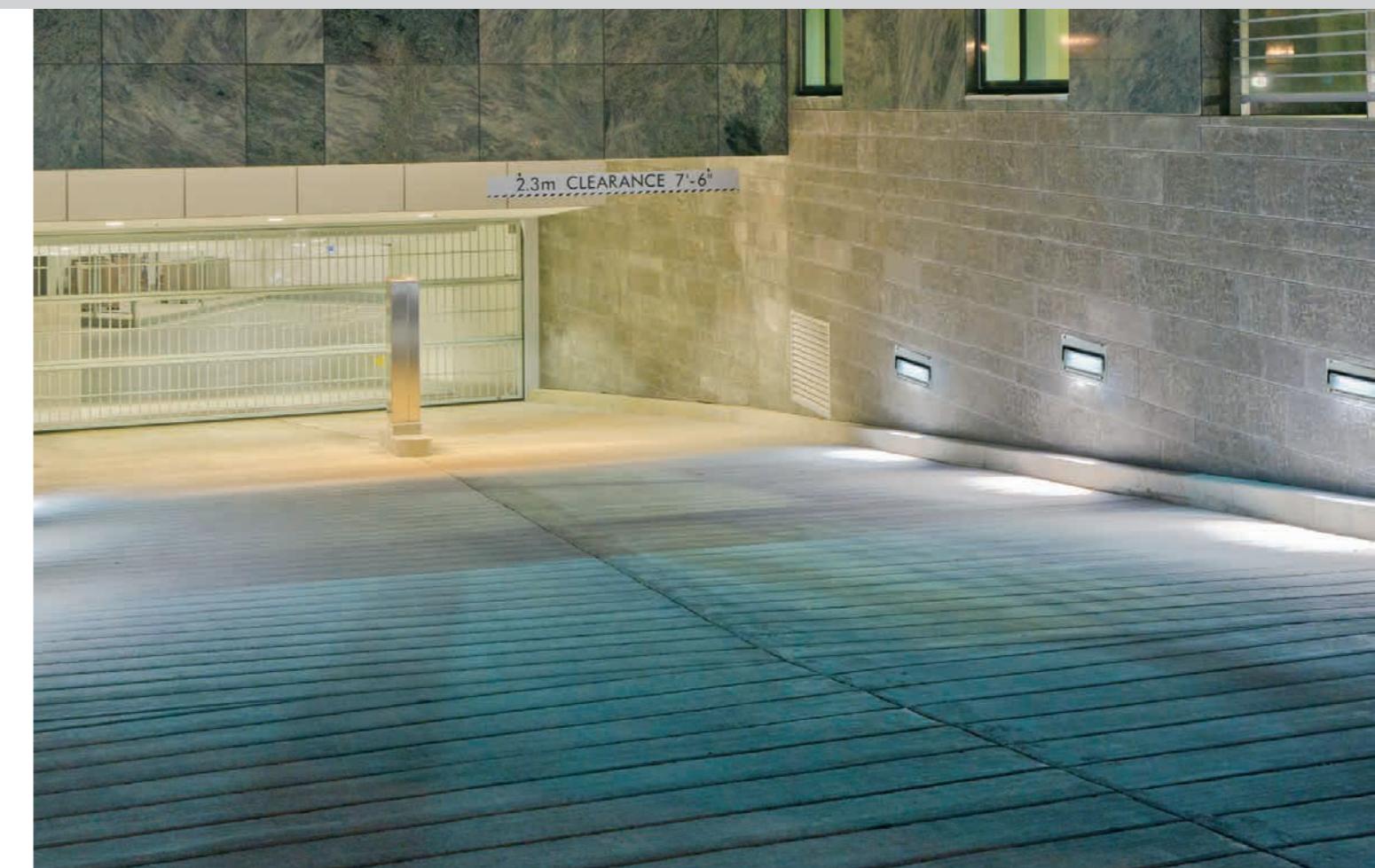
Reflector: in galvanised steel, previously stone-enamelled with UV-stabilised polyester resin. Clamping device manufactured directly onto the housing.

Standard supply: eco-friendly and anti-aging expanded polyurethane injected gasket. The fixing brackets for ceiling and suspension mounting are in stainless steel. Socket-plug connector. The fixture is secured to the fixing brackets through quick connectors.

Box 1

Housing: vandal resistant fibreglass grey colour RAL 7035 nylon. **Frame:** stainless steel AISI 316. **Diffuser:** tempered glass.

Ottima - Box 1



acc. 371 quick connector plug

grey 998041-00

acc. 372 quick connector socket

grey 998042-00

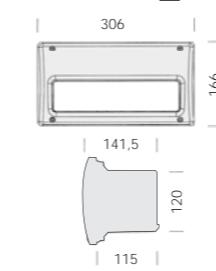
Always to be used for continuous line with wire. Cable gland with inlet cable 16A min. ø 9 max ø12 mm. **10 per pack.**

| colour | CLD CELL | CLD CELL-E | CLD CELLD-DALI | LUMEN OUTPUT (tq= 25 °C) |
|--------|-----------|------------|----------------|------------------------------------|
| weight | code | code | code | W tot K - ølm - CRI |
| grey | 164770-00 | 164770-07 | 164770-0041 | 25 4000K - 4302lm - CRI≥80 |
| | 164771-00 | 164771-07 | 164771-0041 | 39 4000K - 7400lm - CRI≥80 |
| | 164772-00 | 164772-07 | 164772-0041 | 48 4000K - 8438lm - CRI≥80 |
| | 164773-00 | 164773-07 | 164773-0041 | 53 4000K - 9017lm - CRI≥80 |
| | 164774-00 | 164774-07 | 164774-0041 | 57 4000K - 9555lm - CRI≥80 |
| | 164775-00 | 164775-07 | 164775-0041 | 61 4000K - 10041lm - CRI≥80 |
| | 164776-00 | 164776-07 | 164776-0041 | 65 4000K - 10600lm - CRI≥80 |

971 Ottima

| CLD CELL | CLD CELL-E | CLD CELLD-DALI | LUMEN OUTPUT (tq= 25 °C) |
|----------|------------|----------------|------------------------------------|
| weight | code | code | W tot K - ølm - CRI |
| 2,00 | 164770-00 | 164770-07 | 25 4000K - 4302lm - CRI≥80 |
| | 164771-00 | 164771-07 | 39 4000K - 7400lm - CRI≥80 |
| | 164772-00 | 164772-07 | 48 4000K - 8438lm - CRI≥80 |
| | 164773-00 | 164773-07 | 53 4000K - 9017lm - CRI≥80 |
| | 164774-00 | 164774-07 | 57 4000K - 9555lm - CRI≥80 |
| | 164775-00 | 164775-07 | 61 4000K - 10041lm - CRI≥80 |
| | 164776-00 | 164776-07 | 65 4000K - 10600lm - CRI≥80 |

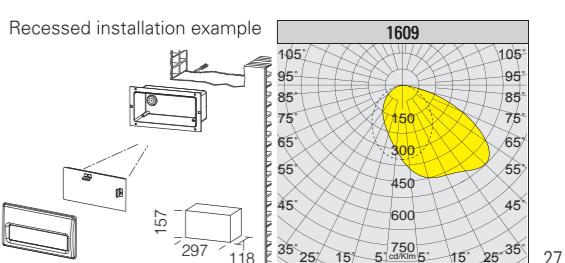
IP66IK08



Recessed installation example

1609 Box 1 - asymmetric screen eyelid

| CLD CELL | LED (tq= 25 °C) | | |
|----------|-----------------|------------|------------------------|
| weight | code | W | K - ølm 116mA - CRI |
| 1.70 | 431770-00 | 4,5 | 4000K - 480lm - CRI≥80 |





Portofino

Housing and cone: in die-cast aluminium.

Column: in extruded aluminium, cylindrical section.

Base column: in die-cast aluminium with internal reinforcement ribs.

Diffuser: in vandal-resistant V2 self-extinguishing polycarbonate, UV-stabilized.

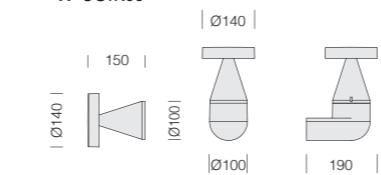
Coating: the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cataphoresis corrosion and salt resistant coating, and a final layer of bi-component acrylic liquid UV-stabilised coating.

Equipment: complete with IP67 watertight connector for line connection. Easy and quick to install.

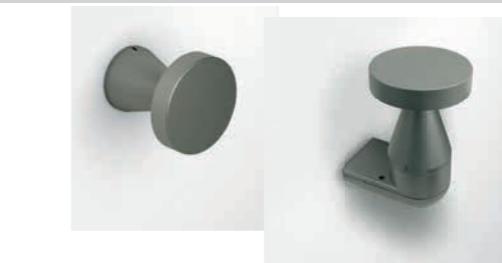
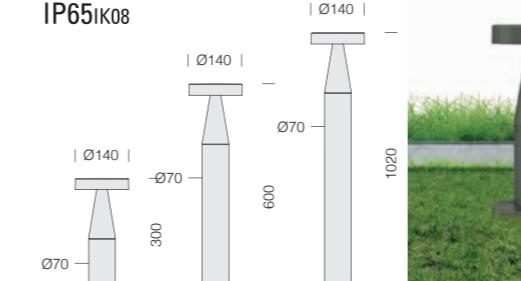
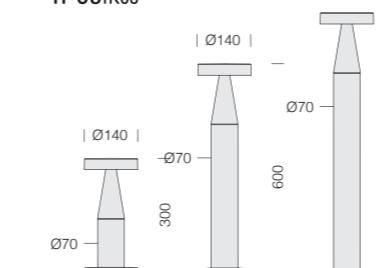
LED: Power factor >0,9. Photobiological safety class: exempt group.

Portofino

IP65IK08



IP65IK08



1873 Portofino - wall version

| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|----------|----------|--------------------------|--------------------------|
| wattage | colour | weight | code |
| LED | graphite | 0.80 | 511160-00 |
| | | | 10 |
| | | | 511160-39 |
| | | | 4000 K - 801 lm - CRI>80 |
| | | | 3000 K - 745 lm - CRI>80 |

1871 Portofino - wall version

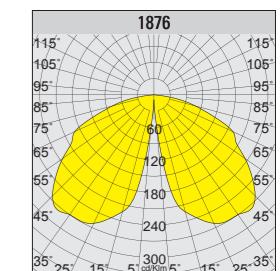
| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|----------|----------|--------------------------|--------------------------|
| wattage | colour | weight | code |
| LED | graphite | 1.80 | 511165-00 |
| | | | 10 |
| | | | 511165-39 |
| | | | 4000 K - 801 lm - CRI>80 |
| | | | 3000 K - 745 lm - CRI>80 |

CRI
>80

50.000h
L70B50

4000K

3000K



1874 Portofino - short version

| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|----------|----------|--------------------------|--------------------------|
| wattage | colour | weight | code |
| LED | graphite | 1.20 | 511140-00 |
| | | | 10 |
| | | | 511140-39 |
| | | | 4000 K - 801 lm - CRI>80 |
| | | | 3000 K - 745 lm - CRI>80 |

Upon request: corten version, with sub-code 2191.

1875 Portofino - medium version

| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|----------|----------|--------------------------|--------------------------|
| wattage | colour | weight | code |
| LED | graphite | 1.60 | 511150-00 |
| | | | 10 |
| | | | 511150-39 |
| | | | 4000 K - 801 lm - CRI>80 |
| | | | 3000 K - 745 lm - CRI>80 |

Upon request: corten version, with sub-code 2191.

1876 Portofino - tall version

| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|----------|----------|--------------------------|--------------------------|
| wattage | colour | weight | code |
| LED | graphite | 2.50 | 511155-00 |
| | | | 10 |
| | | | 511155-39 |
| | | | 4000 K - 801 lm - CRI>80 |
| | | | 3000 K - 745 lm - CRI>80 |

Upon request: corten version, with sub-code 2191.



Bitta - design Lorenzo Stano

Housing: in die-cast aluminium.

Base: in die-cast aluminium.

Column: in extruded aluminium.

Diffuser: in opal, V2 polycarbonate, shatterproof and self-extinguishing, UV-stabilised.

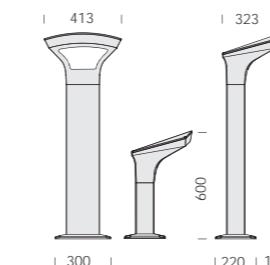
Coating: the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cataphoresis corrosion and salt resistant coating, and a final layer of bi-component acrylic liquid UV-stabilised coating.

Standard supply: the column version is equipped with anchors and socket-plug connector for quick installation.

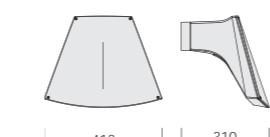
LED: Power factor ≥0,9. Photobiological safety class: exempt group.

Bitta - design Lorenzo Stano

IP66IK08 □



IP66IK08



4000K

CRI
80

50.000h
L50B50

1840 Bitta 1

| CLD CELL | | | LUMEN OUTPUT (tq= 25 °C) | | | |
|----------|------------|--------|--------------------------|------|-------|------------------------|
| wattage | colour | weight | code | h | W tot | K - ølm 110mA - CRI |
| LED | grey 9007 | 6.20 | 511430-00 | 600 | 11 | 4000K - 549lm - CRI 80 |
| | graphite | | 511432-00 | | | |
| | anthracite | | 511433-00 | | | |
| | corten | | 511430-2191 | | | |
| LED | grey 9007 | 8.20 | 511435-00 | 1100 | 11 | 4000K - 549lm - CRI 80 |
| | graphite | | 511436-00 | | | |
| | anthracite | | 511437-00 | | | |
| | corten | | 511435-2191 | | | |

1849 Bitta 3

| CLD CELL | | | LUMEN OUTPUT (tq= 25 °C) | | | |
|----------|-----------|--------|--------------------------|------|-------|-------------------------|
| wattage | colour | weight | code | h | W tot | K - ølm 350mA - CRI |
| LED | grey 9007 | 13.00 | 511443-00 | 2400 | 27 | 4000K - 2394lm - CRI 80 |
| | grafite | | 511444-00 | | | |
| | antracite | | 511445-00 | | | |
| | corten | | 511443-2191 | | | |

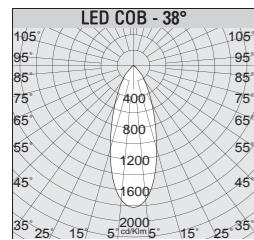
1841 Bitta 2 wall version

| CLD CELL | | | LUMEN OUTPUT (tq= 25 °C) | | | |
|----------|------------|--------|--------------------------|-------|------------------------|--|
| wattage | colour | weight | code | W tot | K - ølm 110mA - CRI | |
| LED | grey 9007 | 3,20 | 511440-00 | 11 | 4000K - 549lm - CRI 80 | |
| | graphite | | 511441-00 | | | |
| | anthracite | | 511442-00 | | | |
| | corten | | 511440-2191 | | | |

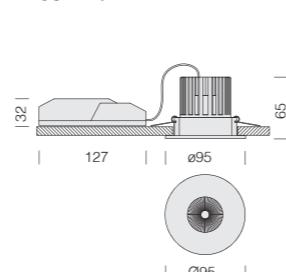
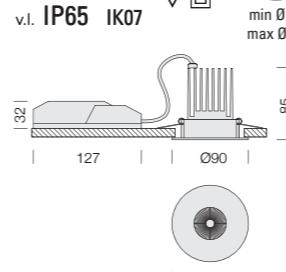


3000K

4000K

CRI
9050.000h
L80B20

IP65 IK07 ▽ □

DRIVER IP20
v.a. min Ø 76 max Ø 92
BOX IP65
v.l. min Ø 84 max Ø 92v.a. IP40 IK07 ▽ □
v.l. IP65 IK07 ▽ □

On request: chrome version:



3000K

4000K

CRI
9250.000h
L80B20

Snow 1

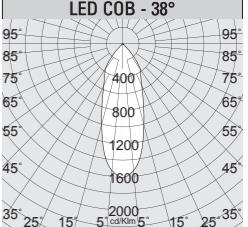
| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | | | |
|----------------------|--------|--------------------------|---------------|-------|---------------------------------|
| LED | colour | weight | code | W tot | K - cdm - CRI - degrees |
| COB | white | 0,30 | 22082610-00 | 12 | 3000 K - 1070 lm - CRI 90 - 38° |
| | silver | | 22082670-00 | | |
| COB | white | 0,30 | 22082610-68 | 12 | 4000K - 1145lm - CRI 90 - 38° |
| | silver | | 22082670-68 | | |
| CLD CELLD-DIG (DALI) | | | | | |
| COB | white | 0,30 | 22082610-1241 | 12 | 3000 K - 1070 lm - CRI 90 - 38° |
| | silver | | 22082670-1241 | | |
| COB | white | 0,30 | 22082610-6841 | 12 | 4000K - 1145lm - CRI 90 - 38° |
| | silver | | 22082670-6841 | | |

| LED | colour | COB | code | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|--------|-----|------|-------|--------------------------|
| | | | | | K - cdm - CRI - degrees |
| | | | | | |
| | | | | | |
| | | | | | |

Equipped with cable L=1,5m , cable gland and steel screws with special anticorrosion treatment.

Snow 3 - DIMM

| CLD CELL-D (IGBT) | | LUMEN OUTPUT (tq= 25 °C) | | | |
|----------------------|--------|--------------------------|---------------|-------|--------------------------------|
| LED | colour | weight | code | W tot | K - cdm - CRI - degrees |
| COB | white | 0,30 | 22082613-00 | 10 | 3000 K - 957 lm - CRI 92 - 38° |
| | black | | 22082633-00 | | |
| COB | white | 0,30 | 22082614-00 | 10 | 4000 K - 990 lm - CRI 92 - 38° |
| | black | | 22082634-00 | | |
| CLD CELLD-DIG (DALI) | | | | | |
| COB | white | 0,30 | 22082613-1241 | 10 | 3000 K - 957 lm - CRI 92 - 38° |
| | black | | 22082633-1241 | | |
| COB | white | 0,30 | 22082614-1241 | 10 | 4000 K - 990 lm - CRI 92 - 38° |
| | black | | 22082634-1241 | | |
| CLD CELL-E (1h) | | | | | |
| COB | white | 0,30 | 22082613-09 | 10 | 3000 K - 957 lm - CRI 92 - 38° |
| | black | | 22082633-09 | | |
| COB | white | 0,30 | 22082614-09 | 10 | 4000 K - 990 lm - CRI 92 - 38° |
| | black | | 22082634-09 | | |



★★★★
Hotel collection
★★★★★

Reception



| | |
|-----------------|---------|
| Liset 2.0 | pag. 36 |
| Themis | pag. 38 |
| Strip LED | pag. 40 |
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| Bell decor line | pag. 44 |
| Vision 2.0 | pag. 48 |
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| Liset 2.0 | pag. 54 |
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Liset 2.0

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. It is available in three versions: with dark light lamellar optics with URG<19, or with either white or black polycarbonate comfort optics and polycarbonate opal diffuser. The entire range has latest generation 4000K LED sources with 80 and 90 CRI, making these products easy to fit into any lighting design project.

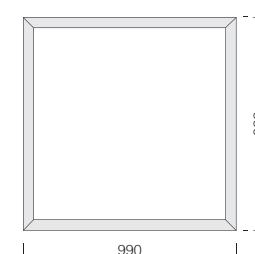
Housing: made of extruded aluminium.

Heads: in die cast aluminium.

LED: Power factor: >0,92. Photobiological safety class: Exempt group.

Liset 2.0

IP40 IK07 ▽



Liset 2.0 - C 4D

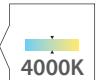
LUMEN OUTPUT (tq= 25 °C)

| W tot | slim |
|-------|---------|
| 96 | 8672 lm |

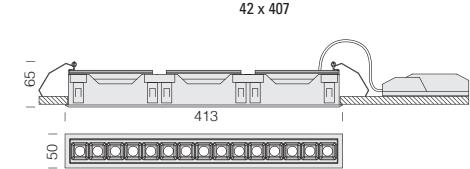
Other size on request

96

8672 lm



IP40 IK07 ▽ □ 42 x 407



42 x 407
65
413



M15 - recessed - UGR<19

| LED | colour | CLD CELL | LUMEN OUTPUT (tq= 25 °C) | |
|------------|--------|-------------|--------------------------|---------------------------------|
| | | code | W tot | K - slim - CRI - degrees |
| 15 modules | white | 22190115-00 | 36 | 4000 K - 3296 lm - CRI 90 - 20° |
| | | 22190115-39 | | 3000 K - 3065 lm - CRI 90 - 20° |

On request: 15°-30° version.



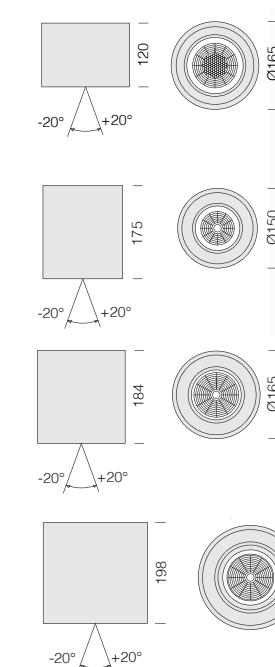


Themis

Lens: faceted, with high efficiency output and very low glare rate.
Reflector: high-efficiency metallised polycarbonate.
LED: Power factor ≥0,9. Photobiological safety class: Exempt group.

Themis

IP20 IK07 ▽ □



3000K

4000K

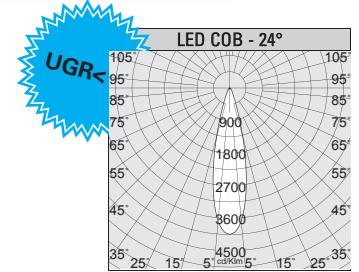
CRI
85

CRI
90

50.000h
L80B20

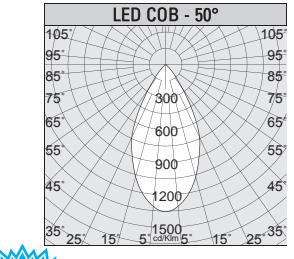
Themis L165 - adjustable with lens

| | | CLD CELL | | CLD CELLD-DIG (DALI) | | LUMEN OUTPUT (tq= 25 °C) |
|------------|--------|--------------|---------------|----------------------|-------|---------------------------------|
| LED | colour | weight | code | code | W tot | K - ølm - CRI - degrees |
| COB | white | 2,2071310-00 | 22071310-1241 | | 25 | 3000 K - 2442 lm - CRI 85 - 24° |
| | grey | 22071370-00 | 22071370-1241 | | | |
| COB | white | 22071310-68 | 22071310-6841 | | 25 | 4000 K - 2613 lm - CRI 85 - 24° |
| | grey | 22071370-68 | 22071370-6841 | | | |



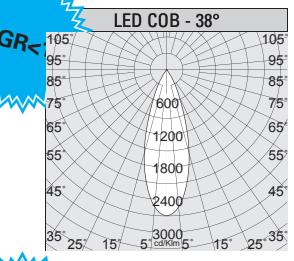
Themis R150 - adjustable with optic

| | | CLD CELL | | CLD CELLD-DIG (DALI) | | LUMEN OUTPUT (tq= 25 °C) |
|------------|--------|-------------|---------------|----------------------|-------|---------------------------------|
| LED | colour | weight | code | code | W tot | K - ølm - CRI - degrees |
| COB | white | 22071010-00 | 22071010-1241 | | 24 | 3000 K - 1819 lm - CRI>90 - 50° |
| | grey | 22071070-00 | 22071070-1241 | | | |
| COB | white | 22071010-68 | 22071010-6841 | | 24 | 4000 K - 1946 lm - CRI>90 - 50° |
| | grey | 22071070-68 | 22071070-6841 | | | |



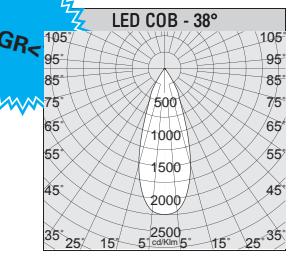
Themis R165 - adjustable with optic

| | | CLD CELL | | CLD CELLD-DIG (DALI) | | LUMEN OUTPUT (tq= 25 °C) |
|------------|--------|-------------|---------------|----------------------|-------|---------------------------------|
| LED | colour | weight | code | code | W tot | K - ølm - CRI - degrees |
| COB | white | 22071110-00 | 22071110-1241 | | 33 | 3000 K - 2515 lm - CRI>90 - 38° |
| | grey | 22071170-00 | 22071170-1241 | | | |
| COB | white | 22071110-68 | 22071110-6841 | | 33 | 4000 K - 2641 lm - CRI>90 - 38° |
| | grey | 22071170-68 | 22071170-6841 | | | |



Themis R195 - adjustable with optic

| | | CLD CELL | | CLD CELLD-DIG (DALI) | | LUMEN OUTPUT (tq= 25 °C) |
|------------|--------|-------------|---------------|----------------------|-------|---------------------------------|
| LED | colour | weight | code | code | W tot | K - ølm - CRI - degrees |
| COB | white | 22071210-00 | 22071210-1241 | | 44 | 3000 K - 3424 lm - CRI>90 - 38° |
| | grey | 22071270-00 | 22071270-1241 | | | |
| COB | white | 22071210-68 | 22071210-1241 | | 44 | 4000 K - 3664 lm - CRI>90 - 38° |
| | grey | 22071270-68 | 22071270-1241 | | | |





Strip LED

Strip LED: 24V 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 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)
- System solution in combination with constant voltage LED Driver (fixed output and dimmable)
- Connector not included

Strip LED



24 V

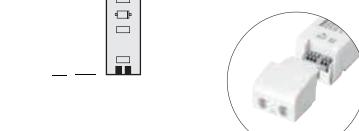
3000K

4000K

6500K

CRI
9050.000h
L80B20

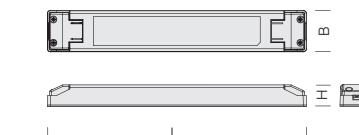
| Strip - LED 24V - CRI>90 | | | | | | |
|--------------------------|-------|-------------|-------------|-----|-----------------------|-----------|
| CLD S+L | | tot. lenght | code | W/m | K - CRI - degrees | lm/m |
| LED 6W | white | 4,8 m | 22485413-00 | 6 | 3000K - CRI>90 - 120° | 600 lm/m |
| | | | 22485414-00 | | 4000K - CRI>90 - 120° | |
| | | | 22485416-00 | | 6500K - CRI>90 - 120° | |
| LED 10W | white | 4,8 m | 22485513-00 | 10 | 3000K - CRI>90 - 120° | 1200 lm/m |
| | | | 22485514-00 | | 4000K - CRI>90 - 120° | |
| | | | 22485516-00 | | 6500K - CRI>90 - 120° | |
| LED 18W | white | 4,8 m | 22485613-00 | 18 | 3000K - CRI>90 - 120° | 1800 lm/m |
| | | | 22485614-00 | | 4000K - CRI>90 - 120° | |
| | | | 22485616-00 | | 6500K - CRI>90 - 120° | |
| LED 26W | white | 4,8 m | 22485713-00 | 26 | 3000K - CRI>90 - 120° | 2500 lm/m |
| | | | 22485714-00 | | 4000K - CRI>90 - 120° | |
| | | | 22485716-00 | | 6500K - CRI>90 - 120° | |



Detail of dimmable power suppliers



Power suppliers: choose the most suited ones



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).

Plug connector wire
white | 22028110-00Corners connector
white | 22028210-00Continuous line connector
white | 22028111-00

To connect Strip-LED to corners.
To connect Strip-LED in continuous line.

IP20 Driver - V in 100-277V 0/50/60Hz - V out 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 |
| 75W/24V | 60W | 0,28 | 40 - 21 - 250 | 22090260-00 |

IP20 Driver DIMM DALI - V in 220-240V 0/50/60Hz - V out 24V dc

| 35W/24V | 35W | 0,15 | 43 - 30 - 195 | 22090235-1241 |
|---------|-----|------|---------------|---------------|
| 75W/24V | 60W | 0,18 | 43 - 30 - 225 | 22090260-1241 |

IP20 Driver - V in 120-277V 0/50/60Hz - V out 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 in 220-240V 0/50/60Hz - V out 24V dc

| 100W/24V | 100W | 0,26 | 43 - 30 - 295 | 22090210-12 |
|----------|------|------|---------------|-------------|
| 150W/24V | 150W | 0,30 | 43 - 30 - 325 | 22090215-12 |



Asso Big

Housing: in die-cast aluminium.

Reflector: in die-cast polished aluminium, high efficiency and anti-glare.

Standard supply: supplied with universal adapter.

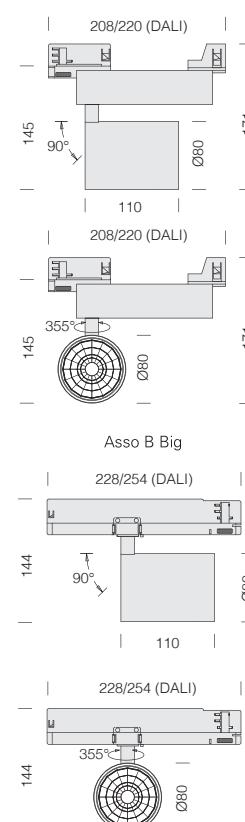
Coating: power-coated with a UV-resistant polyester epoxy paint.

LED: Power factor >0.9. Photobiological safety class: Exempt group.

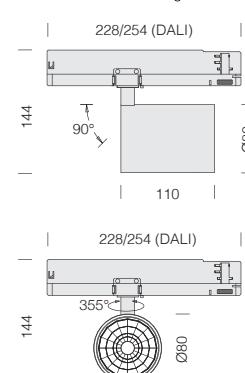
Asso

IP40 IK07

Asso A Big



Asso B Big



3000K

4000K

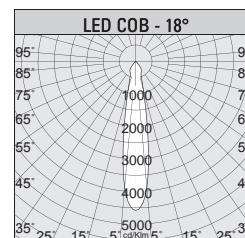
CRI
>95

80.000h
L80B20



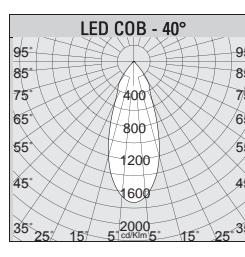
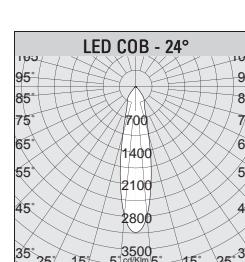
Asso "A" - big

| LED | colour | CLD CELL | | CLD CELLD-DALI | | LUMEN OUTPUT (tq= 25 °C) |
|------------|--------|----------|-------------|----------------|-----------|-----------------------------------|
| | | weight | code | code | W tot | |
| COB | white | 1,00 | 22040317-00 | 22040317-1241 | 27 | 3000 K - ølm 700mA - CRI>95 - 18° |
| COB | black | | 22040337-00 | 22040337-1241 | | |
| COB | white | 1,00 | 22040317-68 | 22040317-6841 | 27 | 4000 K - 2799 lm - CRI>95 - 18° |
| COB | black | | 22040337-68 | 22040337-6841 | | |
| COB | white | 1,00 | 22040316-00 | 22040316-1241 | 27 | 3000 K - 2644 lm - CRI>95 - 24° |
| COB | black | | 22040336-00 | 22040336-1241 | | |
| COB | white | 1,00 | 22040316-68 | 22040316-6841 | 27 | 4000 K - 2829 lm - CRI>95 - 24° |
| COB | black | | 22040336-68 | 22040336-6841 | | |
| COB | white | 1,00 | 22040315-00 | 22040315-1241 | 27 | 3000 K - 2665 lm - CRI>95 - 40° |
| COB | black | | 22040335-00 | 22040335-1241 | | |
| COB | white | 1,00 | 22040315-68 | 22040315-6841 | 27 | 4000 K - 2852 lm - CRI>95 - 40° |
| COB | black | | 22040335-68 | 22040335-6841 | | |



Asso "B" - big

| LED | colour | CLD CELL | | CLD CELLD-DALI | | LUMEN OUTPUT (tq= 25 °C) |
|------------|--------|----------|-------------|----------------|-----------|---------------------------------|
| | | weight | code | code | W tot | |
| COB | white | 0,90 | 22043410-00 | 22043410-1241 | 27 | 3000 K - 2616 lm - CRI>95 - 18° |
| COB | black | | 22043430-00 | 22043430-1241 | | |
| COB | white | 0,90 | 22043410-68 | 22043410-6841 | 27 | 4000 K - 2799 lm - CRI>95 - 18° |
| COB | black | | 22043430-68 | 22043430-6841 | | |
| COB | white | 0,90 | 22043412-00 | 22043412-1241 | 27 | 3000 K - 2644 lm - CRI>95 - 24° |
| COB | black | | 22043432-00 | 22043432-1241 | | |
| COB | white | 0,90 | 22043412-68 | 22043412-6841 | 27 | 4000 K - 2829 lm - CRI>95 - 24° |
| COB | black | | 22043432-68 | 22043432-6841 | | |
| COB | white | 0,90 | 22043414-00 | 22043414-1241 | 27 | 3000 K - 2665 lm - CRI>95 - 40° |
| COB | black | | 22043434-00 | 22043434-1241 | | |
| COB | white | 0,90 | 22043414-68 | 22043414-6841 | 27 | 4000 K - 2852 lm - CRI>95 - 40° |
| COB | black | | 22043434-68 | 22043434-6841 | | |





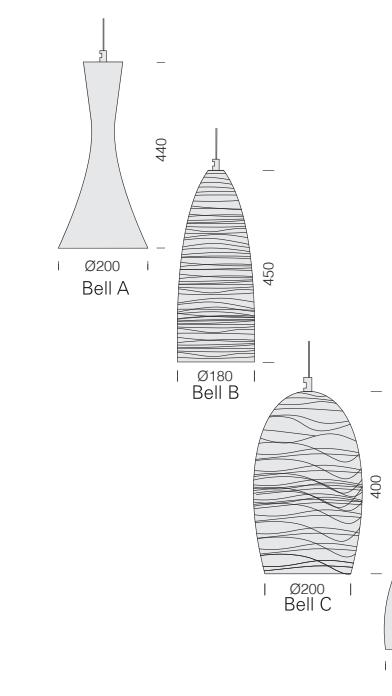
Bell decor line

Brighten your home, restaurant or store with our assortment of suspension Bell - Decor Line fixtures available in different designs and colours. Bell is an easy-to-mount suspension luminaire ideal for any setting; extremely versatile, it can serve as an aesthetic finishing element. With these products, that combine style with functionality, the only thing left to do is choose the right LED to use.

Bell decor line



IP20 IK07 ▽



Bell A - DECOR LINE - suspension

| S | |
|-----|--------------------|
| LED | colour |
| LED | shiny gold |
| E27 | code 2222690-00 |

On request: white colour version.

Bell B - DECOR LINE - suspension

| S | |
|-----|--------------------|
| LED | colour |
| LED | shiny gold |
| E27 | code 2222790-00 |

On request: white colour version.

Bell C - DECOR LINE - suspension

| S | |
|-----|--------------------|
| LED | colour |
| LED | shiny gold |
| E27 | code 2222890-00 |

On request: white colour version.

Bell D - DECOR LINE - suspension

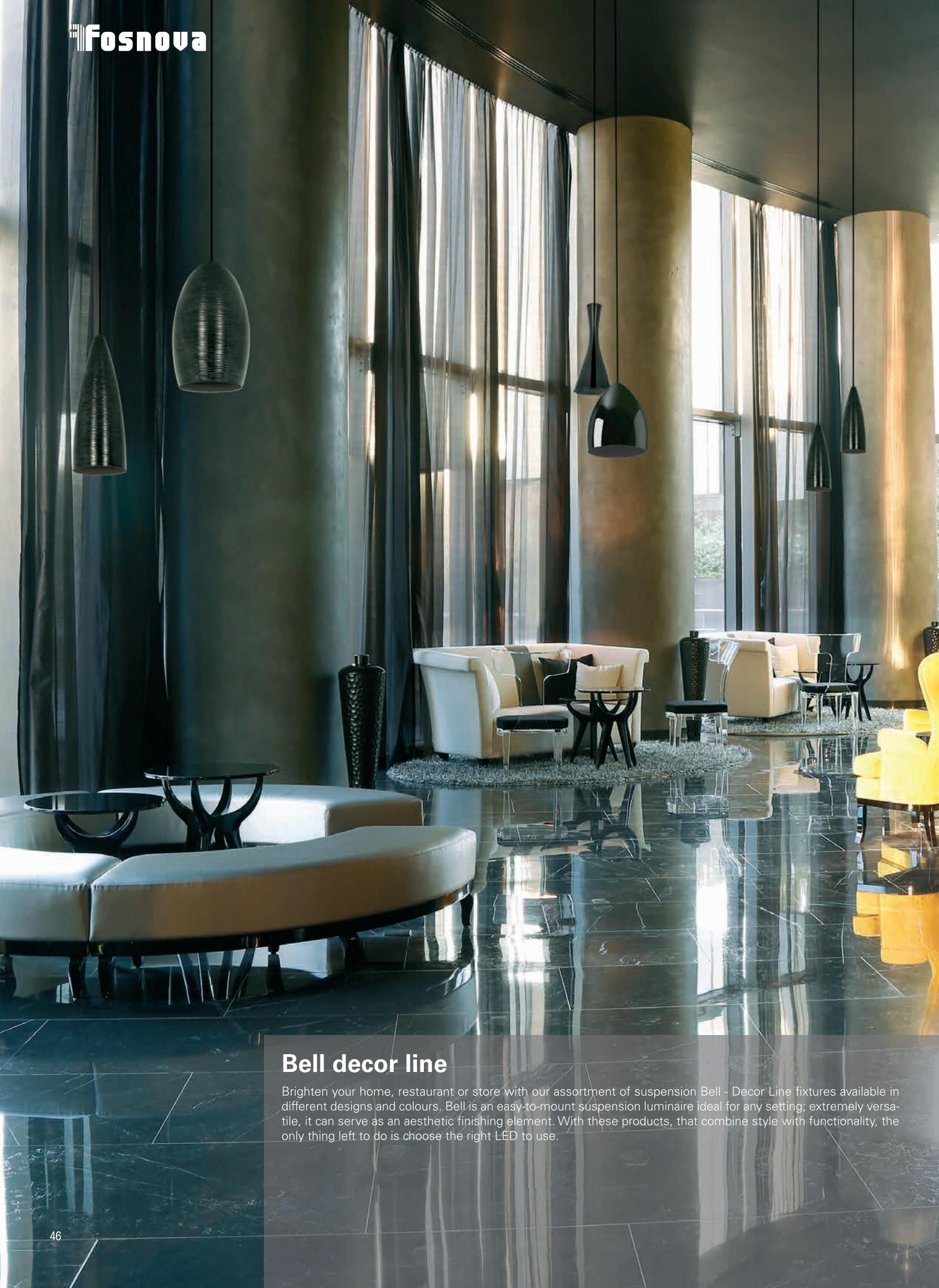
| S | |
|-----|--------------------|
| LED | colour |
| LED | shiny gold |
| E27 | code 2222990-00 |

On request: white colour version.

LED - E27



- Incandescent-like colour, soft light in 2200K-2700K.
- Energy-saving, long life.
- Warm soft light in the same bulb shapes and sizes as incandescent fixtures.
- Mercury-free, in compliance with RoHS material restriction requirements.
- Applications: ideal for general ambient lighting in offices, conference rooms, restaurants, coffee shops, super markets, hotels and homes.



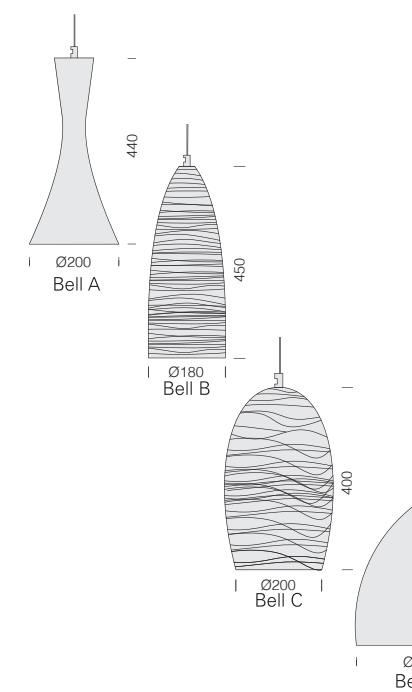
Bell decor line

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Bell decor line



IP20 IK07 ▽



Bell A - DECOR LINE - suspension

| S | |
|-----|-----------------|
| LED | colour |
| LED | burnished black |

Sur demande : version de couleur blanche.

Bell B - DECOR LINE - suspension

| S | |
|-----|-----------------|
| LED | colour |
| LED | burnished black |

Sur demande : version de couleur blanche.

Bell C - DECOR LINE - suspension

| S | |
|-----|-----------------|
| LED | colour |
| LED | burnished black |

Sur demande : version de couleur blanche.

Bell D - DECOR LINE - suspension

| S | |
|-----|-----------------|
| LED | colour |
| LED | burnished black |

Sur demande : version de couleur blanche.

LED - E27



- Incandescent-like colour, soft light in 2200K-2700K.
- Energy-saving, long life.
- Warm soft light in the same bulb shapes and sizes as incandescent fixtures.
- Mercury-free, in compliance with RoHS material restriction requirements.
- Applications: ideal for general ambient lighting in offices, conference rooms, restaurants, coffee shops, super markets, hotels and homes.



Vision 2.0

Housing: Die-cast aluminium with cooling vents.

Reflector: in matt aluminium, high efficiency and anti-glare.

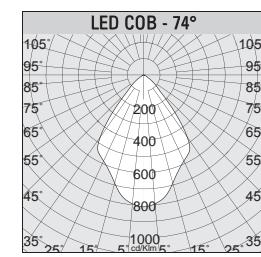
Coating: Powder-coated with a UV-resistant polyester epoxy paint.

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**). Power factor >0.9. Photobiological safety class: Exempt group.



| Vision 2.0 - suspension | | | | | |
|-------------------------|-----------|----------|-------------|----------------------|-------|
| LED | colour | CLD CELL | | CLD CELLD-DIG (DALI) | |
| | | weight | code | code | W tot |
| COB | white | 2,2 | 22703310-00 | 22703310-1241 | 54 |
| | black | 3,00 | 22703330-00 | 22703330-1241 | |
| | m. silver | 2,2 | 22703370-00 | 22703370-1241 | |
| COB | white | 3,00 | 22703311-00 | 22703311-1241 | 54 |
| | black | 2,2 | 22703331-00 | 22703331-1241 | |
| | m. silver | 2,2 | 22703371-00 | 22703371-1241 | |

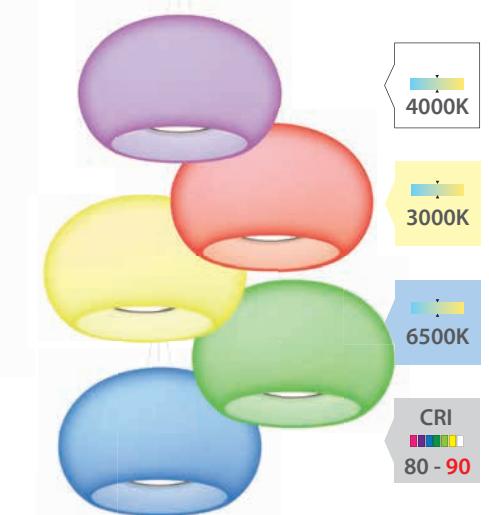
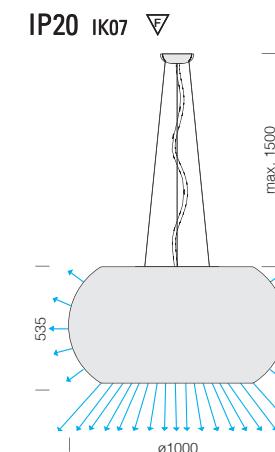




Venere

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 on request: double socket-pin terminal block for dual switching.

Venere



Venere - LED + Strip LED white color changing

| CLD CELL-CASAMBI | | | LUMEN OUTPUT (tq= 25 °C) | |
|-----------------------------|--------|--------|--------------------------|-----------|
| LED | colour | weight | code | W tot |
| LED Bulb + LED Strip | white | 15,00 | 22212911-00 | 65 |
| | | | | |
| LED COB + LED Strip | white | 15,00 | 22212712-00 | 94 |
| | | | | |

Venere - LED + LED RGBW

| CLD CELL-CASAMBI | | | LUMEN OUTPUT (tq= 25 °C) | |
|----------------------------|--------|--------|--------------------------|-----------|
| LED | colour | weight | code | W tot |
| LED Bulb + LED RGBW | white | 14,20 | 22212910-00 | 67 |
| | | | | |
| LED COB + LED RGBW | white | 14,20 | 22212710-00 | 96 |
| | | | | |

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.

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 & 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 coincell batteries or energy-harvesting devices, making BLE the best protocol to be used in wireless lighting control applications.

NO GATEWAYS

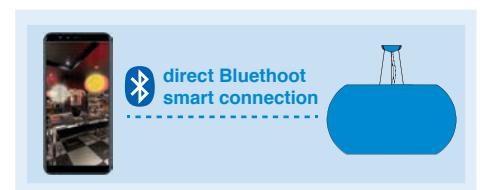
BLE was built for Internet of Things (IoT) and has been implemented in all modern smartphones, tablets and even smart watches since the beginning of 2012. This means that no gateway modules or any kind of dongle is needed to control lighting via BLE, which makes a BLE-based lighting control solution 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 want 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 online 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 synchronization engine, rather than a classic mesh network. The communication range between two *Casambi* units is highly dependant 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.**





Slim Cover

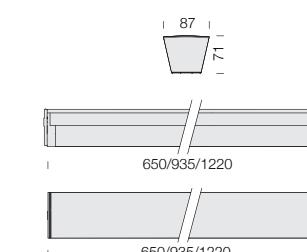
Simple shape, precious materials. Single lighting fixture. Suitable for installation in villas or luxury offices.

Housing: Extruded aluminium

LED: Power factor >0.95. Photobiological safety class: Exempt group.



IP40 IK07 ▽



3000K

CRI
80

50.000h
L80B20

Slimcover White

| LED (700mA) | colour | CLD CELL (ON-OFF) | CLD CELLD-E (1h) | CLD CELLD-DIG (DALI) | W tot | LUMEN OUTPUT (tq= 25 °C) |
|----------------------|--------|-------------------|------------------|----------------------|-----------|---------------------------|
| | | code | code | code | | |
| LED 4 modules | white | 22183710-00 | | 22183710-1241 | 27 | 3000 K - 1856 lm - CRI 80 |
| | | 22183810-00 | | 22183810-1241 | 41 | 3000 K - 2784 lm - CRI 80 |
| | | 22183910-00 | 22183910-94 | 22183910-1241 | 55 | 3000 K - 3713 lm - CRI 80 |



Liset 2.0

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. It is available in three versions: with dark light lamellar optics with URG<19, or with either white or black polycarbonate comfort optics and polycarbonate opal diffuser. The entire range has latest generation 4000K LED sources with 80 and 90 CRI, making these products easy to fit into any lighting design project.

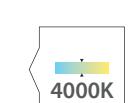
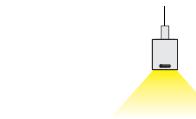
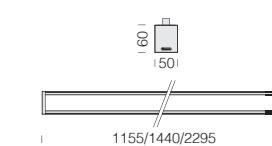
Housing: made of extruded aluminium.

Heads: in die cast aluminium.

LED: Power factor: >0,92. Photobiological safety class: Exempt group.

Liset 2.0

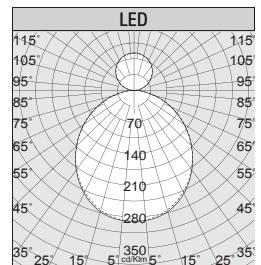
IP40 IK07 ▽



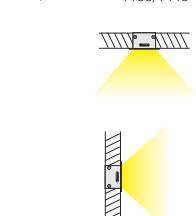
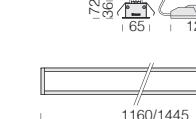
Liset 2.0 - suspension - direct - with polycarbonate diffuser

| LED | colour | CLD CELL (ON-OFF) | | CLD CELLD-DIG (DALI) | | LUMEN OUTPUT (tq= 25 °C) | |
|----------------------|--------|-------------------|--------|----------------------|---------------|--------------------------|---------------------------|
| | | L (mm) | weight | code | code | W tot | K - ølm - CRI |
| LED 4 modules | white | 1155 | 2,30 | 22302208-00 | 22302208-1241 | 28 | 4000 K - 2530 lm - CRI 80 |
| | black | 1155 | 2,30 | 22302238-00 | 22302238-1241 | | |
| LED 5 modules | white | 1440 | 2,90 | 22302209-00 | 22302209-1241 | 35 | 4000 K - 3163 lm - CRI 80 |
| | black | 1440 | 2,90 | 22302239-00 | 22302239-1241 | | |
| LED 8 modules | white | 2295 | 4,50 | 22302210-00 | 22302210-1241 | 55 | 4000 K - 5060 lm - CRI 80 |
| | black | 2295 | 4,50 | 22302230-00 | 22302230-1241 | | |

On request: available 3000K version with sub-code -39. Pass-through wiring for continuous line mounting with subcode -0072.

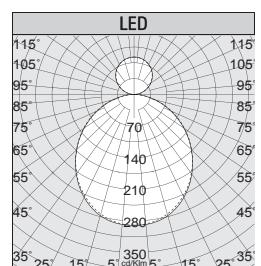


v.a. IP20 IK07 ▽ □
v.l. IP40 IK07



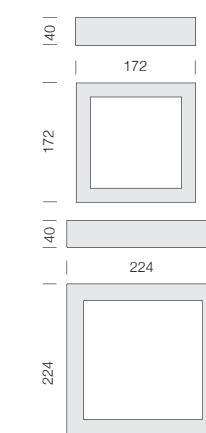
Liset 2.0 - recessed - with polycarbonate diffuser

| LED | colour | CLD CELL (ON-OFF) | | CLD CELLD-DIG (DALI) | | LUMEN OUTPUT (tq= 25 °C) | |
|----------------------|--------|-------------------|--------|----------------------|---------------|--------------------------|---------------------------|
| | | L (mm) | weight | code | code | W tot | K - ølm - CRI |
| LED 4 modules | white | 1160 | 1,50 | 22302201-00 | 22302201-1241 | 28 | 4000 K - 2530 lm - CRI 80 |
| | white | 1160 | 1,50 | 22302201-39 | 22302201-3941 | | |
| LED 5 modules | white | 1445 | 1,90 | 22302202-00 | 22302202-1241 | 35 | 4000 K - 3163 lm - CRI 80 |
| | white | 1445 | 1,90 | 22302202-39 | 22302202-3941 | | |

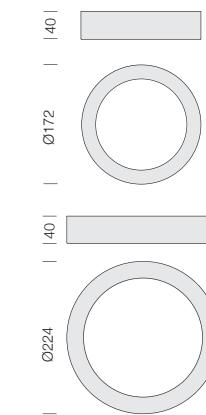




IP40 IK07 ▽ □



IP40 IK07 □ ▽



4000K

3000K

CRI 80

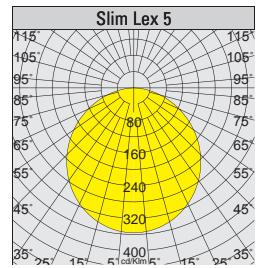
25.000h
L70B50

Slim Lex 5 small

| CLD CELL | | | LUMEN OUTPUT (tq= 25 °C) |
|----------|-------------|-------|--------------------------|
| weight | code | W tot | K - ø lm - CRI |
| 0,60 | 22169414-00 | 12 | 4000 K - 900 lm - CRI 80 |
| | 22169413-00 | | 3000 K - 837 lm - CRI 80 |

Slim Lex 5

| CLD CELL | | | LUMEN OUTPUT (tq= 25 °C) |
|----------|---------------|-------|---------------------------|
| weight | code | W tot | K - ø lm - CRI |
| 0,70 | 22169411-00 | 18 | 4000K - 1350 lm - CRI 80 |
| | 22169410-00 | | 3000 K - 1256 lm - CRI 80 |
| 0,70 | 22169411-09 | 18 | 4000K - 1350 lm - CRI 80 |
| | 22169410-09 | | 3000 K - 1256 lm - CRI 80 |
| 0,70 | 22169411-0957 | 18 | 4000K - 1350 lm - CRI 80 |
| | 22169410-0957 | | 3000 K - 1256 lm - CRI 80 |



4000K

3000K

CRI 80

25.000h
L70B50



4000K

3000K

CRI 80

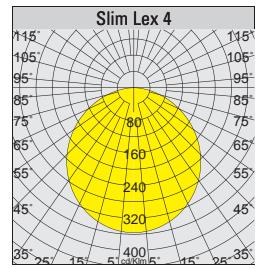
25.000h
L70B50

Slim Lex 4 small

| CLD CELL | | | LUMEN OUTPUT (tq= 25 °C) |
|----------|-------------|-------|---------------------------|
| weight | code | W tot | K - ø lm - CRI |
| 0,50 | 22169314-00 | 12 | 4000 K - 1100 lm - CRI 80 |
| | 22169313-00 | | 3000 K - 1023 lm - CRI 80 |

Slim Lex 4

| CLD CELL | | | LUMEN OUTPUT (tq= 25 °C) |
|----------|---------------|-------|---------------------------|
| weight | code | W tot | K - ø lm - CRI |
| 0,70 | 22169310-00 | 18 | 4000K - 1800 lm - CRI 80 |
| | 22169311-00 | | 3000 K - 1674 lm - CRI 80 |
| 0,70 | 22169310-09 | 18 | 4000K - 1800 lm - CRI 80 |
| | 22169311-09 | | 3000 K - 1674 lm - CRI 80 |
| 0,70 | 22169310-0957 | 18 | 4000K - 1800 lm - CRI 80 |
| | 22169311-0957 | | 3000 K - 1674 lm - CRI 80 |





Antares IP54

Housing: in die-cast aluminium equipped with adjustable steel bracket.

Reflector: screened anti-glare.

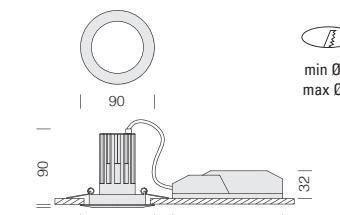
Equipment: silicone rubber protection gasket compliant with French low-energy building standards (BBC).

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

LED: luminous flux maintenance 70%: 50.000h (L80B20).
Power factor >0.9.



v.a. IP40 IK04 ▼ □
v.l. IP54 IK04



3000K

4000K

CRI
92

50.000h
L80B20

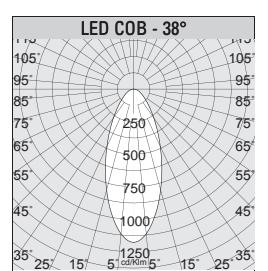
Antares - DIMM

| CLD CELL-D (IGBT) | | LUMEN OUTPUT (tq= 25 °C) | |
|-------------------|--------|--------------------------|-------------|
| LED | colour | poids | code |
| COB | white | 0,30 | 22062410-00 |
| | | | 22062411-00 |

K - ølm - CRI - degrees
3000 K - 671 lm - CRI 92 - 38°
4000 K - 743 lm - CRI 92 - 38°



On request:
IP65 protection rating with silicone rubber gasket





BoreaLED

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.

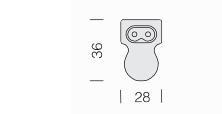
Housing: in polycarbonate.

Diffusore: in polycarbonate.

Equipment: complete with ON/OFF switch and power cable.

LED: Luminous flux maintenance 70%: 30.000h (L70B50).

IP20IK04 □ ▽



313 - 573 - 873 - 1173

36
28



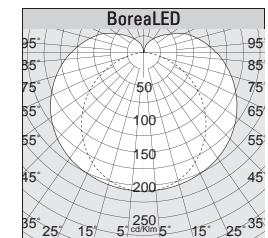
4000K

CRI
80

30.000h
L70B50

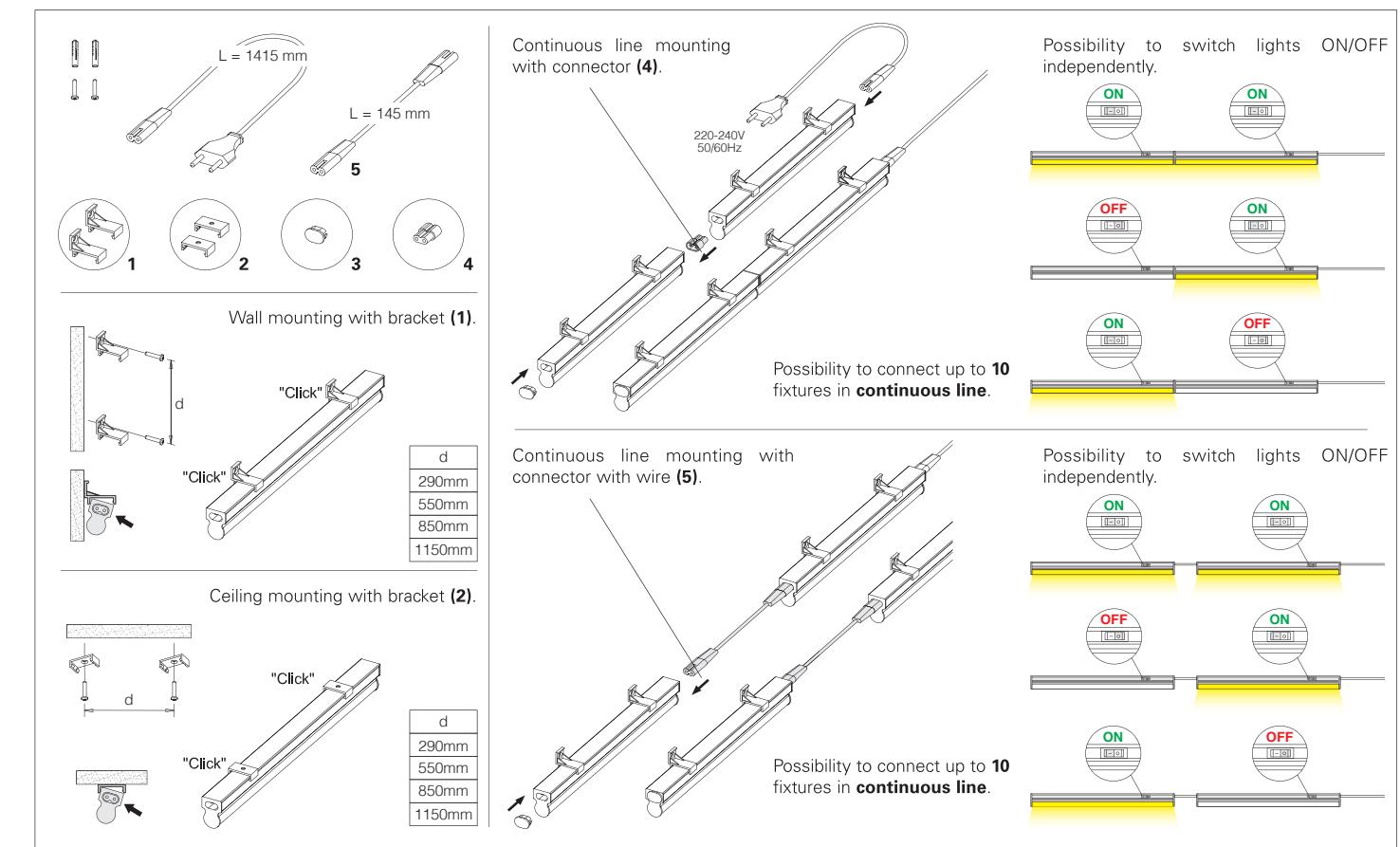
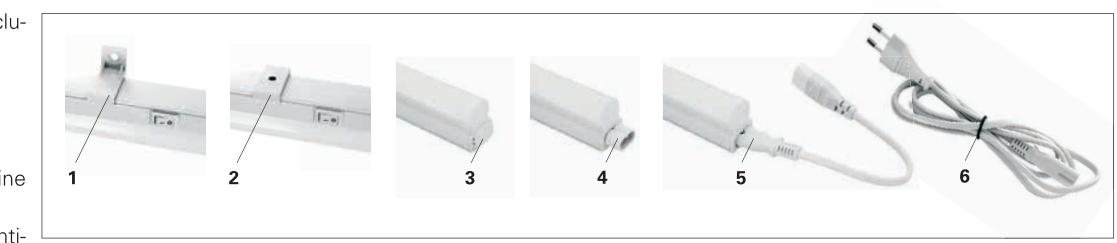
BoreaLED

| LED | colour | CLD CELL | | | LUMEN OUTPUT (tq= 25 °C) | |
|-----|--------|----------|------|-------------|--------------------------|---------------------------|
| | | weight | L mm | code | W tot | K - ølm 230V - CRI |
| LED | white | 0.15 | 313 | 22321010-00 | 4 | 4000 K - 441 lm - CRI>80 |
| | | 0.25 | 573 | 22321011-00 | 8 | 4000 K - 883 lm - CRI>80 |
| | | 0.40 | 873 | 22321012-00 | 11 | 4000 K - 1215 lm - CRI>80 |
| | | 0.45 | 1173 | 22321013-00 | 14 | 4000 K - 1546 lm - CRI>80 |



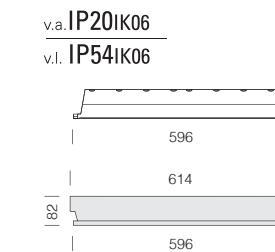
Other installation accessories included:

- 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





Comfort Panel - HUMAN CENTRIC LIGHTING



2700K
6500K

50.000h
L80B20

845 Comfort Panel HCL - BASIC

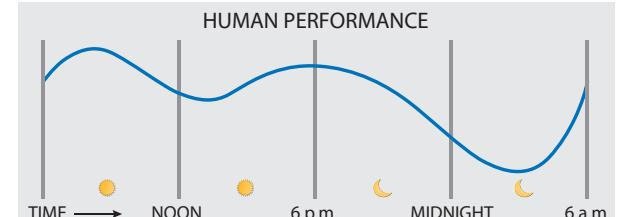
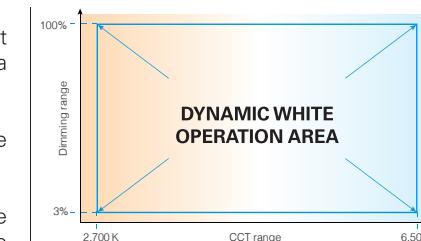
| CLD CELL-D (DALI) | | LED (tp= 45 °C) | |
|-------------------|--------|-----------------|----------------------------------|
| wattage | colour | weight | code |
| LED | white | 3.00 | 150223-0024 |
| | | | 37 2700K+6500K - 5000lm - CRI 90 |

845 Comfort Panel HCL - WIRELESS

| CLD CELL-D (DALI) | | LED (tp= 45 °C) | |
|-------------------|--------|-----------------|----------------------------------|
| wattage | colour | weight | code |
| LED | white | 3.00 | 150223-89 |
| | | | 37 2700K+6500K - 5000lm - CRI 90 |

TECHNICAL CHARACTERISTICS (BASIC-WIRELESS)

- Colour temperature adjustment range from 2700K to 6500K on a linear scale
- CRI 90 MacAdams 3
- 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

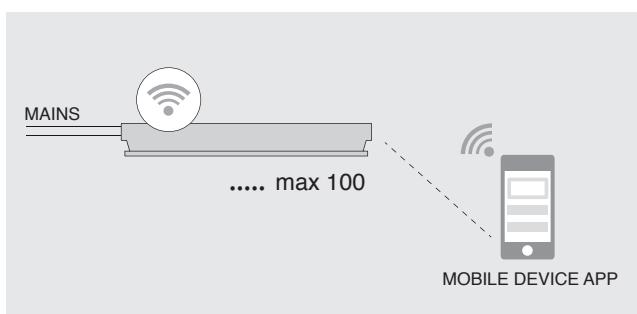


The Dynamic White function allows adjusting the colour temperature from 2700K to 6500K to create a sense of the passing of time (circadian rhythm) and to set the mood and ambiance of a space according to our daily activities. Circadian lighting obtained with the Dynamic White function is the best solution to implement Human Centric Lighting (HCL) in classrooms, university campuses, offices and hospitals where lights can mimic the natural trend of daylight throughout the entire day.

WIRELESS INSTALLATION EXAMPLE (POINT-TO-POINT)

| COMPONENTS | CODE |
|---|-----------|
| Nr. 4 Comfort Panel 845 (max.100) | 150223-89 |
| APP 4 remote BT (to download on iOS or Android) | free |

The wireless driver is integrated into the panel. The panel can be easily controlled from a smartphone/tablet via app.

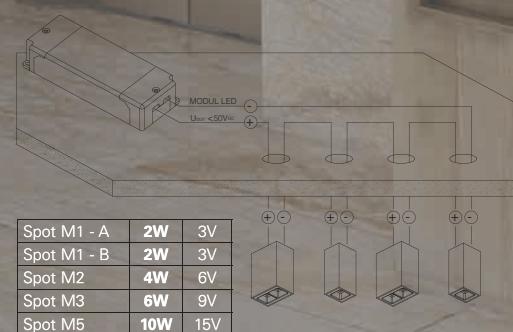




Fosnova

Spot M

| Spot M1 A - M1 B - M2 - M3 - M5 | | | | |
|---|-----------------------------|----------------------------|----------------------------|----------------------------|
| Acc. | M1 A- M 1 B | M2 | M3 | M5 |
| 22090812-00 ON-OFF 700 mA | Min. 1 Spot Max. 14 Spot | Min. 1 Spot Max. 7 Spot | Min. 1 Spot Max. 4 Spot | Min. 1 Spot Max. 2 Spot |
| 22090813-1241 DIMM-DALI 700 mA | Min. 4 Spot Max. 18 Spot | Min. 2 Spot Max. 9 Spot | Min. 2 Spot Max. 6 Spot | Min. 1 Spot Max. 3 Spot |



Spot M



3000K

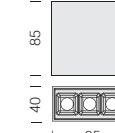
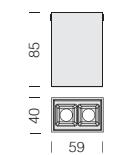
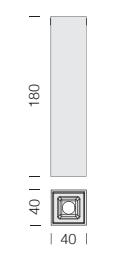
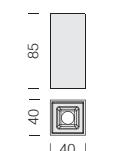
4000K

CRI
90

50.000h
L80B20



IP40 IK07 ▽⊕



Spot M1-A - ceiling - UGR<19

| LED | colour | CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|--------------|--------|-------------|---|---------------------------------------|--|
| | | code | W | K - ølm - CRI - degrees | |
| LED 1 module | white | 22510101-00 | 2 | 4000 K - 242 lm - CRI 90 - 20° | |
| | | 22510101-39 | | 3000 K - 225 lm - CRI 90 - 20° | |

On request: 15°-30° version. Driver not included.

Spot M1-B - ceiling - UGR<19

| LED | colour | CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|--------------|--------|-------------|---|--------------------------------------|--|
| | | code | W | K - ølm - CRI - degrees | |
| LED 1 module | white | 22510104-00 | 2 | 4000 K - 242lm - CRI 90 - 20° | |
| | | 22510104-39 | | 3000K - 225lm - CRI 90 - 20° | |

On request: 15°-30° version. Driver not included.

Spot M2 - ceiling - UGR<19

| LED | colour | CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|---------------|--------|-------------|---|---------------------------------------|--|
| | | code | W | K - ølm - CRI - degrees | |
| LED 2 modules | white | 22510102-00 | 4 | 4000 K - 465 lm - CRI 90 - 20° | |
| | | 22510102-39 | | 3000 K - 432 lm - CRI 90 - 20° | |

On request: 15°-30° version. Driver not included.

Spot M3 - ceiling - UGR<19

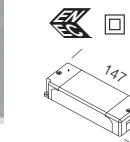
| LED | colour | CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|---------------|--------|-------------|---|---------------------------------------|--|
| | | code | W | K - ølm - CRI - degrees | |
| LED 3 modules | white | 22510103-00 | 6 | 4000 K - 690 lm - CRI 90 - 20° | |
| | | 22510103-39 | | 3000 K - 642 lm - CRI 90 - 20° | |

On request: 15°-30° version. Driver not included.

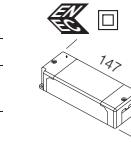
Spot M5 - ceiling - UGR<19

| LED | colour | CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|---------------|--------|-------------|----|--|--|
| | | code | W | K - ølm - CRI - degrees | |
| LED 5 modules | white | 22510105-00 | 10 | 4000 K - 1080 lm - CRI 90 - 20° | |
| | | 22510105-39 | | 3000 K - 1005 lm - CRI 90 - 20° | |

On request: 15°-30° version. Driver not included.



Driver ON-OFF
white 22090812-00
Min. 2 V - Max 44V-30W (700mA).



Driver DIMM-DALI
white 22090813-1241
Min. 10V - Max 54V-38W (700mA).

★★★
Hotel
★★★★★

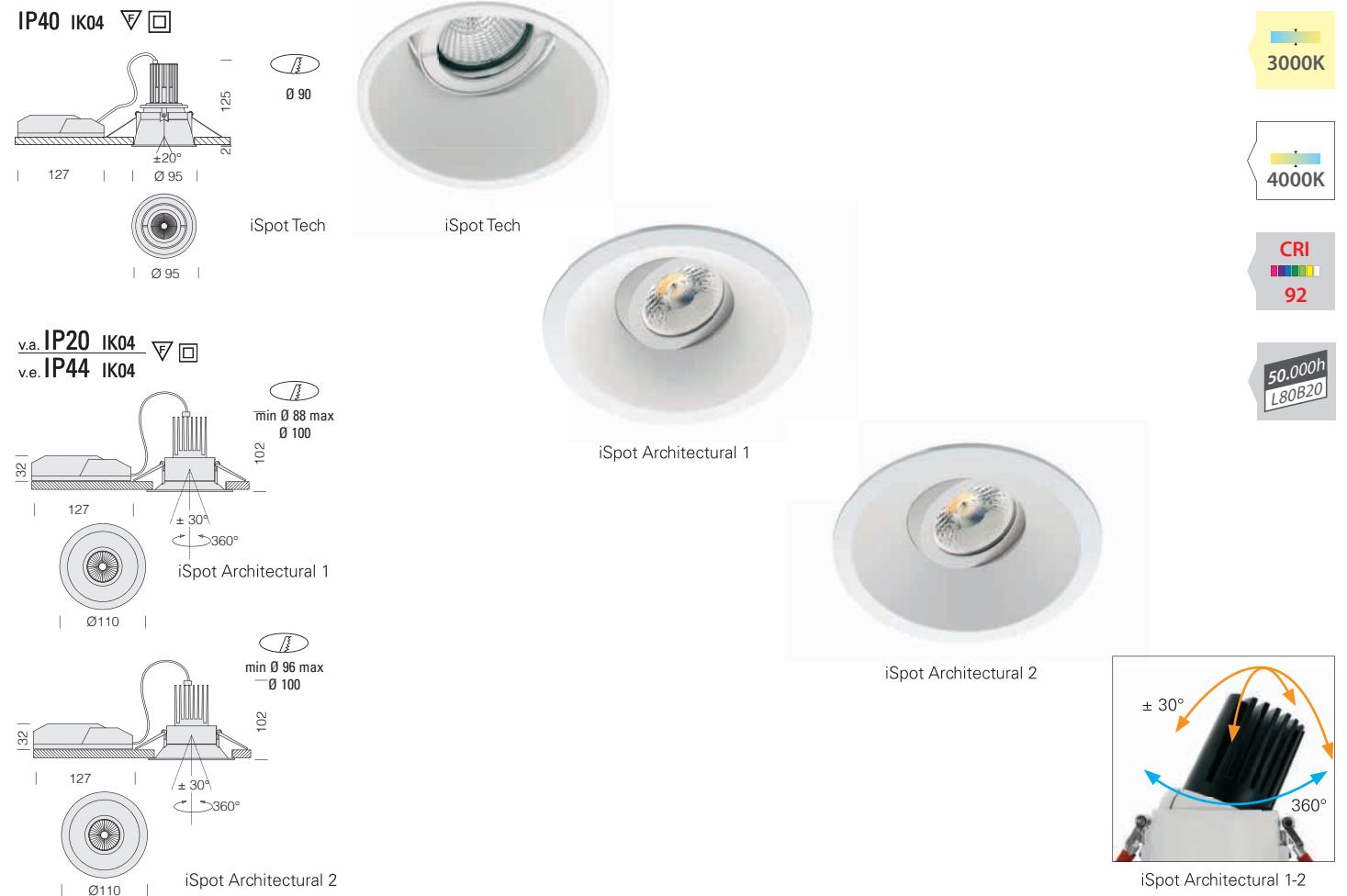
Accommodation



| | |
|---------------------|---------|
| iSpot Thech | pag. 68 |
| iSpot Architectural | pag. 68 |
| Roby | pag. 70 |
| Compact | pag. 72 |
| Matrix Q | pag. 74 |
| Stilo | pag. 76 |
| iSpot Hotel | pag. 78 |
| Curve | pag. 80 |
| Marte IP65 | pag. 82 |
| Snow IP65 | pag. 84 |



iSpot Thech - iSpot Architectural



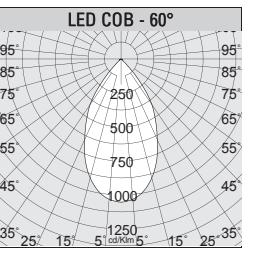
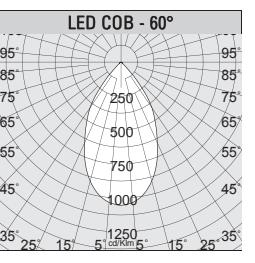
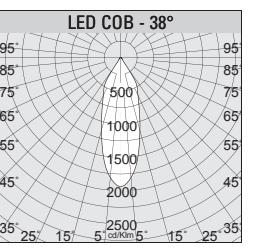
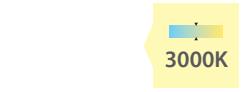
| iSpot Tech 3 - DIMM | | | |
|-----------------------------|--------|---------------------------------|---------------|
| CLD CELL-D (IGBT) | | LUMEN OUTPUT (tq= 25 °C) | |
| LED | colour | weight | code |
| COB | white | 0,30 | 22167210-00 |
| | | | 22167211-00 |
| CLD CELLD-DIG (DALI) | | | |
| COB | white | 0,30 | 22167210-1241 |
| | | | 22167211-1241 |
| CLD CELL-E (1h) | | | |
| COB | white | 0,30 | 22167210-09 |
| | | | 22167211-09 |

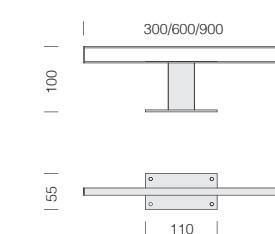
| iSpot Architectural 1 - DIMM | | | |
|-------------------------------------|--------|---------------------------------|---------------|
| CLD CELL-D (IGBT) | | LUMEN OUTPUT (tq= 25 °C) | |
| LED | colour | weight | code |
| COB | white | 0,30 | 22167310-00 |
| | | | 22167311-00 |
| CLD CELLD-DIG (DALI) | | | |
| COB | white | 0,30 | 22167310-1241 |
| | | | 22167311-1241 |
| CLD CELL-E (1h) | | | |
| COB | white | 0,30 | 22167310-09 |
| | | | 22167311-09 |

Universally applicable, suitable to replace downlights with cut out diameters ranging from 96mm to 100mm. On request: 15° - 38° version

| iSpot Architectural 2 - DIMM | | | |
|-------------------------------------|--------|---------------------------------|---------------|
| CLD CELL-D (IGBT) | | LUMEN OUTPUT (tq= 25 °C) | |
| LED | colour | weight | code |
| COB | white | 0,30 | 22167410-00 |
| | | | 22167411-00 |
| CLD CELLD-DIG (DALI) | | | |
| COB | white | 0,30 | 22167410-1241 |
| | | | 22167411-1241 |
| CLD CELL-E (1h) | | | |
| COB | white | 0,30 | 22167410-09 |
| | | | 22167411-09 |

Universally applicable, suitable to replace downlights with cut out diameters ranging from 96mm to 100mm. On request: 15° - 38° version




IP40 IK08

Roby

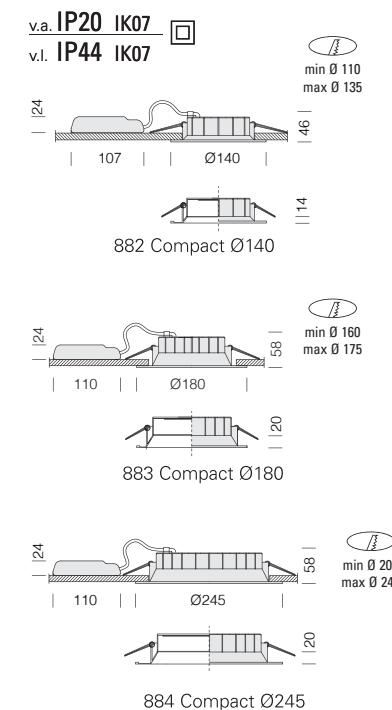
| LED | colour | CLD CELL | | | LUMEN OUTPUT (tq= 25 °C) |
|------------|--------|----------|-----|-------------|-----------------------------------|
| | | weight | mm | code | |
| LED | chrome | 0,80 | 300 | 22085760-00 | 4 4000 K - 300 lm - CRI 80 |
| | | 0,90 | 600 | 22085761-00 | 6 4000 K - 500 lm - CRI 80 |
| | | 1,00 | 900 | 22085762-00 | |



Compact

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.
LED: Power factor ≥0,95.
Luminous flux maintenance 80%: 55.000h (L80B20).
Photobiological safety class: Exempt group.

Compact



882 Compact Ø140



883 Compact Ø180



884 Compact Ø245

3000K

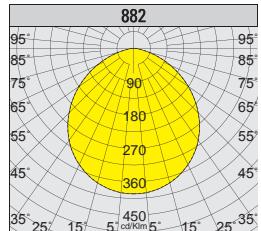
4000K

CRI
95

50.000h
L80B20

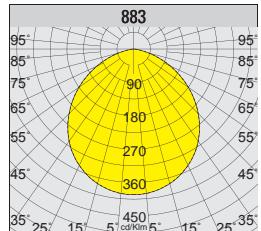
882 Compact - Ø140

| | | CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|---------|--------|----------|-----------|--------------------------|---------------------------|
| wattage | colour | weight | code | W tot | K - ølm - CRI |
| LED | white | 0.25 | 156405-00 | 11 | 4000 K - 1000 lm - CRI 95 |
| | | | 156405-39 | | 3000 K - 900 lm - CRI 95 |



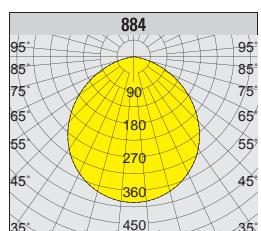
883 Compact - Ø180

| | | CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|---------|--------|----------|-----------|--------------------------|---------------------------|
| wattage | colour | weight | code | W tot | K - ølm - CRI |
| LED | white | 0.40 | 156415-00 | 14 | 4000 K - 1530 lm - CRI 95 |
| | | | 156415-39 | | 3000 K - 1423 lm - CRI 95 |
| LED | white | 0.40 | 156416-00 | 19 | 4000 K - 1950 lm - CRI 95 |
| | | | 156416-39 | | 3000 K - 1892 lm - CRI 95 |



884 Compact - Ø245

| | | CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|---------|--------|----------|-----------|--------------------------|---------------------------|
| wattage | colour | weight | code | W tot | K - ølm - CRI |
| LED | white | 0.60 | 156424-00 | 19 | 4000 K - 2100 lm - CRI 95 |
| | | | 156424-39 | | 3000 K - 2037 lm - CRI 95 |
| LED | white | 0.60 | 156425-00 | 25 | 4000 K - 2600 lm - CRI 95 |
| | | | 156425-39 | | 3000 K - 2522 lm - CRI 95 |
| LED | white | 0.60 | 156427-00 | 29 | 4000 K - 2900 lm - CRI 95 |
| | | | 156427-39 | | 3000 K - 2813 lm - CRI 95 |



acc. 590 wire spring adapters

998115-00

Wire spring adapters to increase the supporting surface. 2-pc set.



Matrix Q

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.

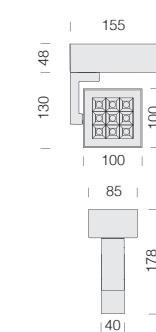
Equipment: supplied with universal adapter in track mounted versions.

LED: high-efficiency light sources (**CRI 90**).

Photobiological safety class: Exempt group.

Matrix Q

IP40 IK07



3000K

4000K

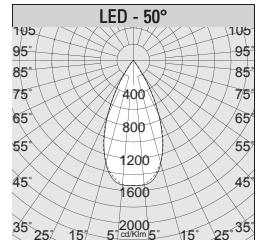
CRI
90

50.000h
L80B20

Matrix Q9 DARK "D" - base

| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | | | |
|-----------------------------|--------|--------------------------|---------------|-----------|--------------------------------------|
| LED | colour | weight | code | W tot | K - ølm - CRI - degrees |
| LED | white | 1,10 | 22203010-00 | 33 | 3000K - 2185lm - CRI 90 - 32° |
| | black | | 22203030-00 | | |
| LED | white | 1,10 | 22203011-00 | 33 | 4000K - 2349lm - CRI 90 - 32° |
| | black | | 22203031-00 | | |
| LED | white | 1,10 | 22203012-00 | 33 | 3000K - 2246lm - CRI 90 - 38° |
| | black | | 22203032-00 | | |
| LED | white | 1,10 | 22203013-00 | 33 | 4000K - 2415lm - CRI 90 - 38° |
| | black | | 22203033-00 | | |
| LED | white | 1,10 | 22203014-00 | 33 | 3000K - 2260lm - CRI 90 - 50° |
| | black | | 22203034-00 | | |
| LED | white | 1,10 | 22203015-00 | 33 | 4000K - 2431lm - CRI 90 - 50° |
| | black | | 22203035-00 | | |
| CLD CELLD-DIG (DALI) | | | | | |
| LED | white | 1,10 | 22203010-1241 | 33 | 3000K - 2185lm - CRI 90 - 32° |
| | black | | 22203030-1241 | | |
| LED | white | 1,10 | 22203011-1241 | 33 | 4000K - 2349lm - CRI 90 - 32° |
| | black | | 22203031-1241 | | |
| LED | white | 1,10 | 22203012-1241 | 33 | 3000K - 2246lm - CRI 90 - 38° |
| | black | | 22203032-1241 | | |
| LED | white | 1,10 | 22203013-1241 | 33 | 4000K - 2415lm - CRI 90 - 38° |
| | black | | 22203033-1241 | | |
| LED | white | 1,10 | 22203014-1241 | 33 | 3000K - 2260lm - CRI 90 - 50° |
| | black | | 22203034-1241 | | |
| LED | white | 1,10 | 22203015-1241 | 33 | 4000K - 2431lm - CRI 90 - 50° |
| | black | | 22203035-1241 | | |

On request: CLD CELL-D (1-10V) version.



Matrix Q5 DARK "D" - 15°

CRI>90

| | | | |
|--------|-------------|--------|------------|
| 3000 K | 22203310-39 | 745 lm | 13W |
| 4000 K | 22203310-00 | 767 lm | |

Matrix Q10 DARK "D" - 20°

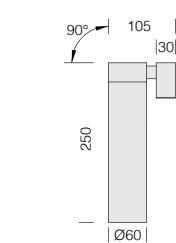
CRI>90

| | | | |
|--------|-------------|---------|------------|
| 3000 K | 22203610-39 | 1285 lm | 20W |
| 4000 K | 22203610-00 | 1325 lm | |



Stilo

IP40 IK07 ▽



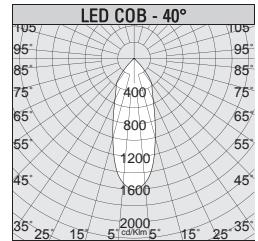
3000K

CRI
90

50.000h
L80B20

Stilo PA2 - adjustable base

| | | CLD CELL | LUMEN OUTPUT (tq= 25 °C) | | |
|--------------------------|--------|----------|--------------------------|-------|-------------------------------------|
| LED | colour | weight | code | W tot | K - ølm - CRI - degrees |
| COB | white | 0,80 | 22041911-00 | 10 | 3000K - 893lm - CRI 90 - 40° |
| | black | | 22041931-00 | | |
| | chrome | | 22041961-00 | | |
| CLD CELL-D (IGBT) | | | | | |
| COB | white | 0,80 | 22041910-00 | 10 | 3000K - 893lm - CRI 90 - 40° |
| | black | | 22041930-00 | | |
| | chrome | | 22041960-00 | | |



Other versions available





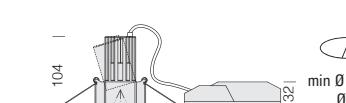
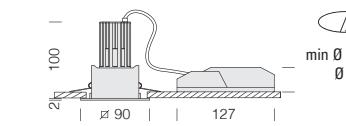
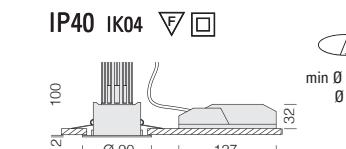
iSpot Hotel

Housing: made of die-cast aluminium.

Reflector: high-efficiency metallized polycarbonate.

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

iSpot Hotel



3000K

4000K

CRI
92

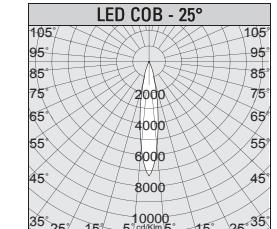
50.000h
L80B20



iSpot Hotel 1 - DIMM

| LED | colour | CLD CELL-D (IGBT) | | LUMEN OUTPUT (tq= 25 °C) |
|------------|--------|-------------------|----------------------------|---|
| | | weight | code | |
| COB | white | 0,30 | 22067710-00 22067711-00 | 10 3000 K - 413 lm - CRI 92 - 25° 4000 K - 478 lm - CRI 92 - 25° |

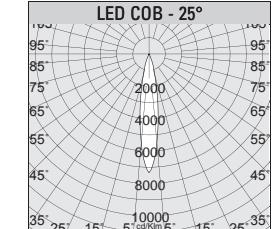
On request: available in black colour version.



iSpot Hotel 2 - DIMM

| LED | colour | CLD CELL-D (IGBT) | | LUMEN OUTPUT (tq= 25 °C) |
|------------|--------|-------------------|----------------------------|---|
| | | weight | code | |
| COB | white | 0,30 | 22067712-00 22067713-00 | 10 3000 K - 413 lm - CRI 92 - 25° 4000 K - 478 lm - CRI 92 - 25° |

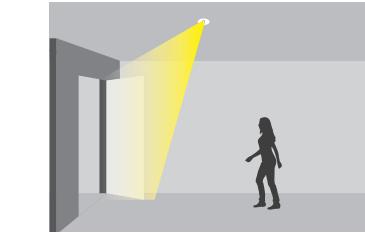
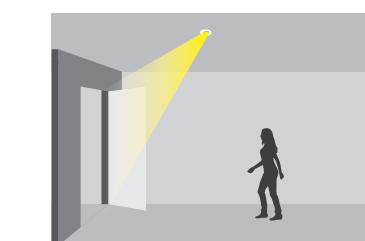
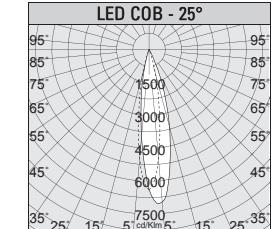
On request: available in black colour version.



iSpot Hotel 3 - DIMM

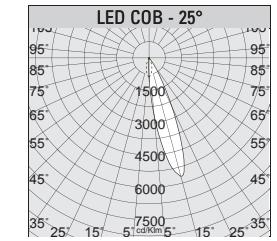
| LED | colour | CLD CELL-D (IGBT) | | LUMEN OUTPUT (tq= 25 °C) |
|------------|--------|-------------------|----------------------------|---|
| | | weight | code | |
| COB | white | 0,30 | 22067910-00 22067911-00 | 10 3000 K - 380 lm - CRI 92 - 25° 4000 K - 441 lm - CRI 92 - 25° |

On request: available in black colour version.



| LED | colour | CLD CELL-D (IGBT) | | LUMEN OUTPUT (tq= 25 °C) |
|------------|--------|-------------------|----------------------------|---|
| | | weight | code | |
| COB | white | 0,30 | 22067912-00 22067913-00 | 10 3000 K - 433 lm - CRI 92 - 25° 4000 K - 500 lm - CRI 92 - 25° |

On request: available in black colour version.





Curve

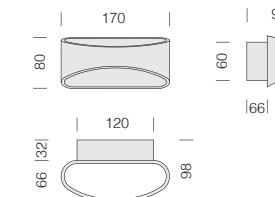
Relections of direct and indirect light on wall surfaces. Lighting to define routes and create decorative effects.

Housing: in painted aluminium, designed for wall-mounting.

LED: Luminous flux maintenance L70B50: 36.000h.
Power factor >0.9



IP40 IK07 ▽



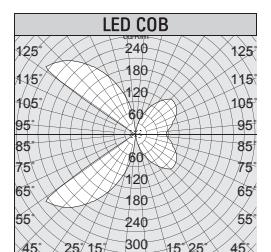
3000K

CRI
80

36.000h
L70B50

Curve

| LED | colour | CLD CELL | | W tot | LUMEN OUTPUT (tq= 25 °C) |
|-----|--------|----------|-------------|-------|--------------------------|
| | | weight | code | | |
| LED | white | | 22084811-00 | | |
| | chrome | 1,80 | 22084861-00 | 6 | 3000 K - 351 lm - CRI 80 |

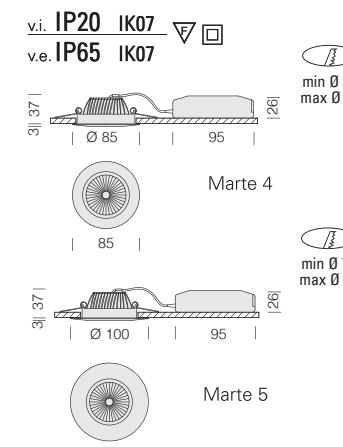




Marte IP65

Housing: made of die-cast aluminium complete with spring clips for recessed mounting.
Reflector: high-efficiency metallised polycarbonate.
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%: 50.000h (L80B20). Power factor >0.9.

Marte IP65

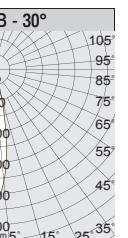


3000K

4000K

CRI
92

50.000h
L80B20



Marte 4 - CRI 92

| | | CLD CELL | LUMEN OUTPUT (tq= 25 °C) | | | |
|------------|--------|----------|--------------------------|----------|---------------------------------------|--|
| LED | colour | weight | code | W tot | K - ølm - CRI - degrees | |
| COB | white | 0,25 | 22061810-00 | 5 | 3000 K - 481 lm - CRI 92 - 30° | |
| | | | 22061810-68 | | 4000K - 515lm - CRI 92 - 30° | |
| COB | white | 0,25 | 22061810-1241 | 5 | 3000 K - 481 lm - CRI 92 - 30° | |
| | | | 22061810-6841 | | 4000K - 515lm - CRI 92 - 30° | |
| COB | white | 0,25 | 22061810-09 | 5 | 3000 K - 481 lm - CRI 92 - 30° | |
| | | | 22061810-6809 | | 4000K - 515lm - CRI 92 - 30° | |

Marte 5 - CRI 92

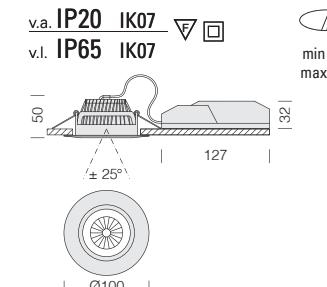
| | | CLD CELL | LUMEN OUTPUT (tq= 25 °C) | | | |
|------------|--------|----------|--------------------------|----------|---------------------------------------|--|
| LED | colour | weight | code | W tot | K - ølm - CRI - degrees | |
| COB | white | 0,25 | 22061811-00 | 6 | 3000 K - 642 lm - CRI 92 - 30° | |
| | | | 22061811-68 | | 4000K - 687lm - CRI 92 - 30° | |
| COB | white | 0,25 | 22061811-1241 | 6 | 3000 K - 642 lm - CRI 92 - 30° | |
| | | | 22061811-6841 | | 4000K - 687lm - CRI 92 - 30° | |
| COB | white | 0,25 | 22061811-09 | 6 | 3000 K - 642 lm - CRI 92 - 30° | |
| | | | 22061811-6809 | | 4000K - 687lm - CRI 92 - 30° | |

3000K

4000K

CRI
93

50.000h
L80B20



IP65 protection rating with silicone rubber gasket

Marte 12 - CRI 93

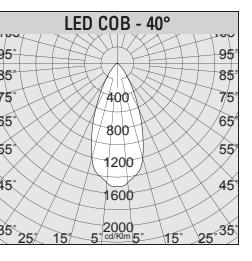
| | | CLD CELL | LUMEN OUTPUT (tq= 25 °C) | | | |
|------------|--------|----------|--------------------------|----------|---------------------------------------|--|
| LED | colour | weight | code | W tot | K - ølm - CRI - degrees | |
| COB | white | 0,35 | 22061804-00 | 9 | 3000 K - 724 lm - CRI 93 - 40° | |
| | | | 22061804-68 | | 4000 K - 775 lm - CRI 93 - 40° | |
| COB | white | 0,35 | 22061804-1241 | 9 | 3000 K - 724 lm - CRI 93 - 40° | |
| | | | 22061804-6841 | | 4000 K - 775 lm - CRI 93 - 40° | |
| COB | white | 0,35 | 22061804-09 | 9 | 3000 K - 724 lm - CRI 93 - 40° | |
| | | | 22061804-6809 | | 4000 K - 775 lm - CRI 93 - 40° | |

3000K

4000K

CRI
93

50.000h
L80B20





Snow IP65

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.

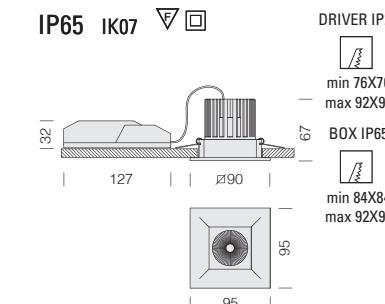
Housing: in die-cast aluminium with heat sink.

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).

Snow IP65

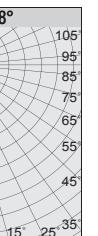


3000K

4000K

CRI
90

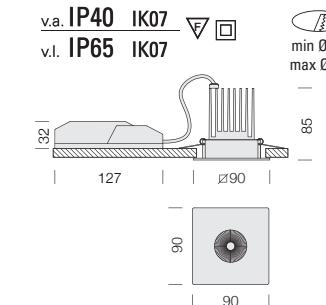
50.000h
L80B20



Snow 2

| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|-----------------------------|--------|--------------------------|---------------|
| LED | colour | weight | code |
| COB | white | 0,30 | 22082710-00 |
| | silver | | 22082770-00 |
| COB | white | 0,30 | 22082710-68 |
| | silver | | 22082770-68 |
| CLD CELLD-DIG (DALI) | | | |
| COB | white | 0,30 | 22082710-1241 |
| | silver | | 22082770-1241 |
| COB | white | 0,30 | 22082710-6841 |
| | silver | | 22082770-6841 |

Equipped with cable L=1,5m , cable gland and steel screws with special anticorrosion treatment.



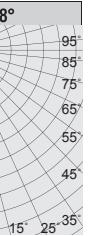
3000K

4000K

On request: chrome version

CRI
92

50.000h
L80B20



Snow 4 - DIMM

| CLD CELL-D (IGBT) | | LUMEN OUTPUT (tq= 25 °C) | |
|-----------------------------|--------|--------------------------|---------------|
| LED | colour | weight | code |
| COB | white | 0,30 | 22082713-00 |
| | black | | 22082733-00 |
| COB | white | 0,30 | 22082714-00 |
| | black | | 22082734-00 |
| CLD CELLD-DIG (DALI) | | | |
| COB | white | 0,30 | 22082713-1241 |
| | black | | 22082733-1241 |
| COB | white | 0,30 | 22082714-1241 |
| | black | | 22082734-1241 |
| CLD CELL-E (1h) | | | |
| COB | white | 0,30 | 22082713-09 |
| | black | | 22082733-09 |
| COB | white | 0,30 | 22082714-09 |
| | black | | 22082734-09 |

★★★
Hotel
★★★★★

All inclusive



| | |
|-----------------|----------|
| Podio | pag. 88 |
| Spy | pag. 90 |
| Bell decor line | pag. 92 |
| Ines | pag. 94 |
| Square | pag. 96 |
| Fashion | pag. 98 |
| Stilo | pag. 100 |
| Trimless A | pag. 102 |
| Trimless B | pag. 104 |
| Spot pannel | pag. 106 |
| Eco Lex | pag. 108 |
| Jet | pag. 110 |



Podio

Housing/frame: in die-cast aluminium with central articulated joint in die-cast aluminium.

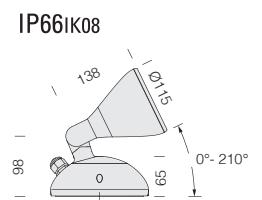
Base: in die-cast aluminium.

Diffuser: in extra clear tempered glass, 4 mm thick, resistant to thermal shocks and impacts.

Graphite coating: the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cataphoresis corrosion and salt resistant coating, and a final layer of bi-component acrylic liquid UV-stabilised coating. **Grey 9006 and white:** the standard powder coating consists of a first metal surface pre-treatment stage and of single layer of UV-stabilised, corrosion and salt resistant polyester powder coating. On request: coating COMPLIANT with UNI EN ISO 9227 Corrosion tests in artificial atmospheres for aggressive environments.

Standard Supply: electronic safety device to protect the LED module and the related ballast compliant with EN 61547.

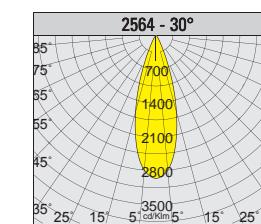
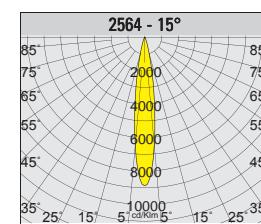
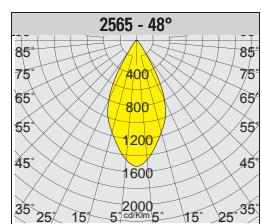
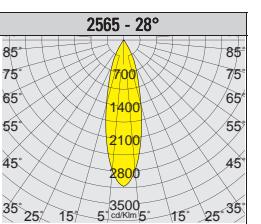
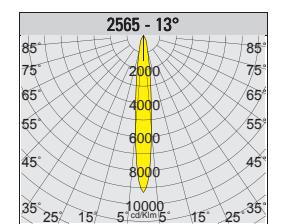
LED: power factor ≥0.92. Luminous flux maintenance 80%: 50.000h (L80B20).



acc. 119 spike

991335-00

In fiber glass
nylon. For plan-
ting Podio into
the ground.



2565 Podio - with reflector

| wattage | colour | CLD CELL | | LUMEN OUTPUT (Tq=25°C) | |
|---------|-----------|-----------|------|------------------------|--|
| | | weight | code | W tot | K - ølm 700mA - CRI - degrees |
| 1.50 | grey 9006 | 422510-00 | | 28 | 4000 K - 1928 lm - CRI 90 - 13° |
| | graphite | 422511-00 | | | |
| 1.50 | grey 9006 | 422510-39 | | 28 | 3000 K - 1831 lm - CRI 90 - 13° |
| | graphite | 422511-39 | | | |
| 1.50 | grey 9006 | 422514-00 | | 28 | 4000 K - 1988 lm - CRI 90 - 28° |
| | graphite | 422515-00 | | | |
| 1.50 | grey 9006 | 422514-39 | | 28 | 3000 K - 1888 lm - CRI 90 - 28° |
| | graphite | 422515-39 | | | |
| 1.50 | grey 9006 | 422518-00 | | 28 | 4000 K - 1985 lm - CRI 90 - 48° |
| | graphite | 422519-00 | | | |
| 1.50 | grey 9006 | 422518-39 | | 28 | 3000 K - 1885 lm - CRI 90 - 48° |
| | graphite | 422519-39 | | | |

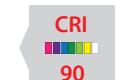
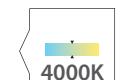
Reflector: in high-performance silver aluminium. **On request:** LED AMBER with sub-code -73.

2564 Podio - with lens

| wattage | colour | CLD CELL | | LUMEN OUTPUT (Tq=25°C) | |
|---------|-----------|-----------|------|------------------------|--|
| | | weight | code | W tot | K - ølm 700mA - CRI - degrees |
| 1.50 | grey 9006 | 422500-00 | | 28 | 4000 K - 1843 lm - CRI 90 - 15° |
| | graphite | 422501-00 | | | |
| 1.50 | grey 9006 | 422500-39 | | 28 | 3000 K - 1750 lm - CRI 90 - 15° |
| | graphite | 422501-39 | | | |
| 1.50 | grey 9006 | 422504-00 | | 28 | 4000 K - 1923 lm - CRI 90 - 30° |
| | graphite | 422505-00 | | | |
| 1.50 | grey 9006 | 422504-39 | | 28 | 3000 K - 1826 lm - CRI 90 - 30° |
| | graphite | 422505-39 | | | |

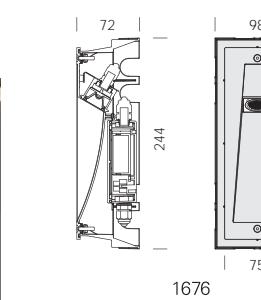
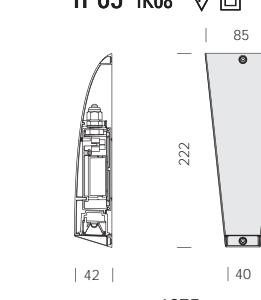
Lens: in PMMA with high efficiency output and very low glare rate.

On request: LED AMBER with sub-code -73.





IP65 IK08 ▽ □



1675



1676

4000K

CRI
80

25.000h
L70B50

1675 Spy

| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|----------|-----------|--------------------------|---------------------------------|
| weight | code | W tot | K - ølm (350mA) - CRI - degrees |
| 0.50 | 530672-00 | 1,2 | 4000 K - 150 lm - CRI 80 - 10° |

1676 Spy

| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|----------|-----------|--------------------------|---------------------------------|
| weight | code | W tot | K - ølm (350mA) - CRI - degrees |
| 0.50 | 530683-00 | 1,2 | 4000 K - 150 lm - CRI 80 - 24° |



Bell decor line

Brighten your home, restaurant or store with our assortment of suspension Bell - Decor Line fixtures available in different designs and colours. Bell is an easy-to-mount suspension luminaire ideal for any setting; extremely versatile, it can serve as an aesthetic finishing element. With these products, that combine style with functionality, the only thing left to do is choose the right LED to use.

Bell decor line



LED - E27



- Incandescent-like colour, soft light in 2200K-2700K.
- Energy-saving, long life.
- Warm soft light in the same bulb shapes and sizes as incandescent fixtures.
- Mercury-free, in compliance with RoHS material restriction requirements.
- Applications: ideal for general ambient lighting in offices, conference rooms, restaurants, coffee shops, super markets, hotels and homes.



Ines

Simple and elegant: Ines offers a great degree of flexibility. Its sophisticated design and outstanding performance create amazing lighting effects for any architectural design.

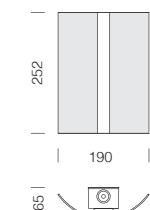
Housing: in aluminium complete with 2 LED sources with lens.

Shield: front shield in die-cast aluminium with matt white coating and non-transparent polycarbonate diffuser.

LED: Luminous flux maintenance 70%: 30.000h (L70B50).



IP20 IK07 ▽



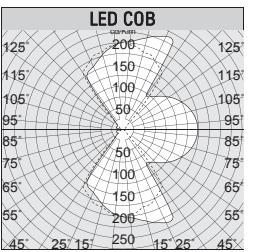
3000K

CRI
80

30.000h
L70B50

Ines

| | | CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|-----|--------|----------|-------------|--------------------------|--------------------------|
| LED | colour | weight | code | W tot | K - ølm - CRI |
| LED | white | 0,80 | 22085010-00 | 14 | 3000 K - 674 lm - CRI 80 |





Square

Housing: in die-cast aluminium.

Diffuser: in extra-clear tempered glass, 4 mm thick, thermal shock and impact resistant.

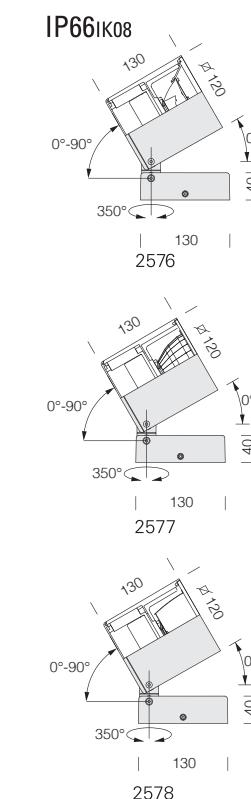
Coating: the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cataphoresis corrosion and salt resistant coating, and a final layer of bi-component acrylic liquid UV-stabilised coating.

Upon request: coating compliant with UNI EN ISO 9227 Corrosion tests in artificial atmospheres for aggressive environments.

Standard supply: supplied with plate for wall installation and cable with IP68 airtight connector for mains connection.

LED: Luminous flux maintenance 80%; 50,000h (L80B20). Power factor ≥0.92

Square



2576 Square - with lens

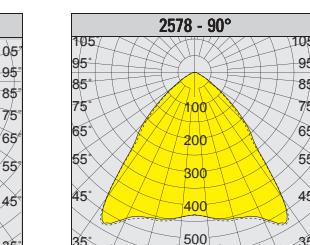
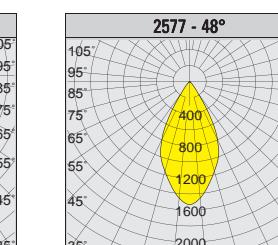
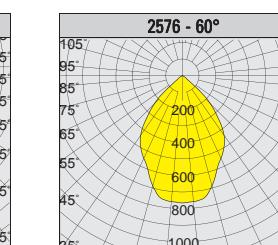
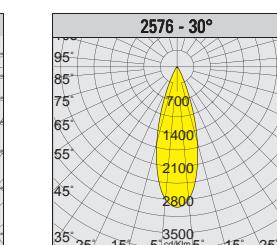
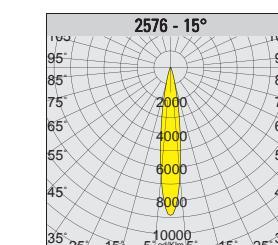
| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|------------|-------------------|--------------------------|--|
| weight | code | W tot | K - ølm 1050mA - CRI - degrees |
| COB | white graphite | 431850-00 431851-00 | 40 4000K - 2888lm - CRI 90 - 15° |
| COB | white graphite | 431852-00 431853-00 | 40 4000K - 3013lm - CRI 90 - 30° |
| COB | white graphite | 431854-00 431855-00 | 40 4000K - 2595lm - CRI 90 - 60° |

2577 Square - with reflector

| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|------------|-------------------|--------------------------|--|
| weight | code | W tot | K - ølm 1050mA - CRI - degrees |
| COB | white graphite | 431864-00 431865-00 | 40 4000K - 3021lm - CRI 90 - 13° |
| COB | white graphite | 431862-00 431863-00 | 40 4000K - 3116lm - CRI 90 - 28° |
| COB | white graphite | 431860-00 431861-00 | 40 4000K - 3111lm - CRI 90 - 48° |

2578 Square - with optic

| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|------------|-------------------|--------------------------|--|
| weight | code | W tot | K - ølm 1050mA - CRI - degrees |
| COB | white graphite | 431870-00 431871-00 | 40 4000K - 3152lm - CRI 90 - 90° |





Fashion

Housing: in die-cast aluminium.

Version with reflector: in die-cast polished aluminium, high efficiency and anti-glare.

Version with lens: in PMMA with high efficiency output and very low glare rate

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

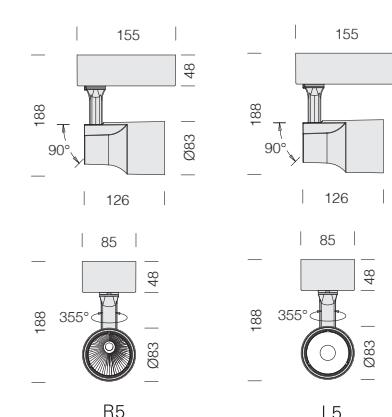
Regulations: Manufactured in accordance with EN 60598-1-CEI 34.21 standards. Degrees of protection in accordance with EN60529 standards.

LED: high-efficiency light **LED VIVID** 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.

Luminous flux maintenance 80%: 50.000h (L80B20). Power factor >0.9. Photobiological safety class: Exempt group

Fashion

IP40 IK07 ▽



3000K

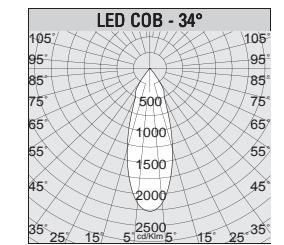
4000K

CRI
95

50.000h
L80B20

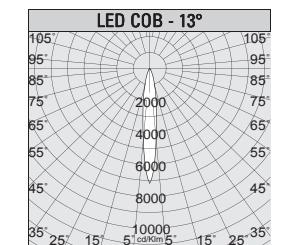
Fashion R5 - base with optic

| | | CLD CELL | LUMEN OUTPUT (tq= 25 °C) | | |
|------------------|--------|----------------------|--------------------------|-----------|---|
| LED | colour | weight | code | W tot | K - ølm 800mA - CRI - degrees |
| COB VIVID | white | 1,30 | 22054510-00 | 31 | 3000K - 2279lm - CRI>95 - 34° |
| | black | | 22054530-00 | | |
| COB VIVID | white | 1,30 | 22054511-00 | 31 | 4000K - 2435lm - CRI>95 - 34° |
| | black | | 22054531-00 | | |
| | | CLD CELLD-DIG (DALI) | | | |
| COB VIVID | white | 1,30 | 22054510-1241 | 31 | 3000K - 2279lm - CRI>95 - 34° |
| | black | | 22054530-1241 | | |
| COB VIVID | white | 1,30 | 22054511-1241 | 31 | 4000K - 2435lm - CRI>95 - 34° |
| | black | | 22054531-1241 | | |



Fashion L3 - with lens

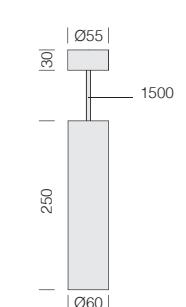
| | | CLD CELL | LUMEN OUTPUT (tq= 25 °C) | | |
|------------------|--------|----------------------|--------------------------|-----------|---|
| LED | colour | weight | code | W tot | K - ølm 800mA - CRI - degrees |
| COB VIVID | white | 1,30 | 22054910-00 | 31 | 3000K - 2479lm - CRI>95 - 13° |
| | black | | 22054930-00 | | |
| COB VIVID | white | 1,30 | 22054911-00 | 31 | 4000K - 2650lm - CRI>95 - 13° |
| | black | | 22054931-00 | | |
| COB VIVID | white | 1,30 | 22054912-00 | 31 | 3000K - 2422lm - CRI>95 - 24° |
| | black | | 22054932-00 | | |
| COB VIVID | white | 1,30 | 22054913-00 | 31 | 4000K - 2588lm - CRI>95 - 24° |
| | black | | 22054933-00 | | |
| | | CLD CELLD-DIG (DALI) | | | |
| COB VIVID | white | 1,30 | 22054910-1241 | 31 | 3000K - 2479lm - CRI>95 - 13° |
| | black | | 22054930-1241 | | |
| COB VIVID | white | 1,30 | 22054911-1241 | 31 | 4000K - 2650lm - CRI>95 - 13° |
| | black | | 22054931-1241 | | |
| COB VIVID | white | 1,30 | 22054912-1241 | 31 | 3000K - 2422lm - CRI>95 - 24° |
| | black | | 22054932-1241 | | |
| COB VIVID | white | 1,30 | 22054913-1241 | 31 | 4000K - 2588lm - CRI>95 - 24° |
| | black | | 22054933-1241 | | |



On request: version complete with light beam conveyor to ensure top quality general and accent lighting and great colour stability (**CRI>95**).



IP40 IK07 ▽



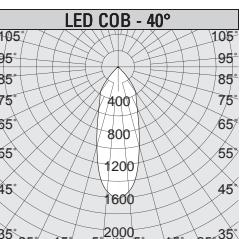
3000K

CRI
90

80.000h
L80B20

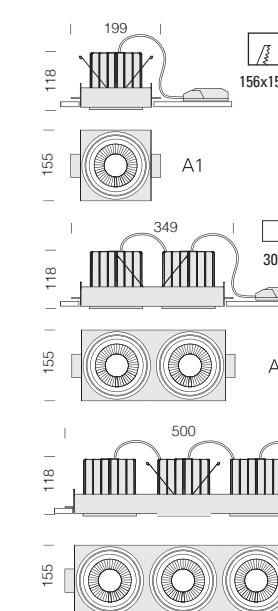
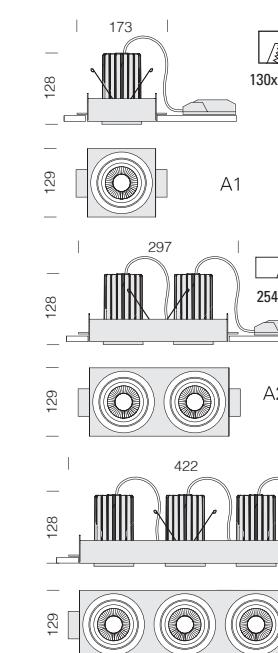
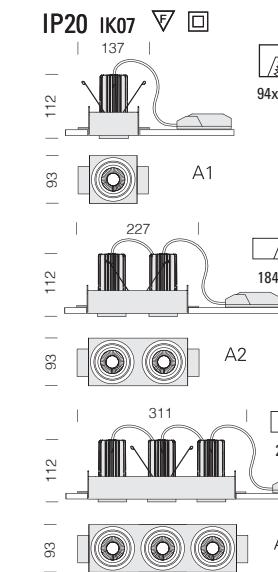
Stilo SP2 - suspension

| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | | | |
|--------------------------|--------|--------------------------|-------------|-------|--------------------------------|
| LED | colour | weight | code | W tot | K - ølm - CRI - degrees |
| COB | white | 0,80 | 22041811-00 | 10 | 3000 K - 893 lm - CRI 90 - 40° |
| | black | | 22041831-00 | | |
| | chrome | | 22041861-00 | | |
| CLD CELL-D (IGBT) | | | | | |
| COB | white | 0,80 | 22041810-00 | 10 | 3000 K - 893 lm - CRI 90 - 40° |
| | black | | 22041830-00 | | |
| | chrome | | 22041860-00 | | |





Trimless A - for plasterboard false ceilings



Trimless 50 - A1

| CLD CELL-D (1-10V) | | | LUMEN OUTPUT (tq= 25 °C) | | |
|--------------------|--------|--------|--------------------------|-------|---------------------------------|
| LED | colour | weight | code | W tot | K - ølm - CRI - degrees |
| COB | black | 0,90 | 22105130-00 | 12 | 3000 K - 975 lm - CRI 90 - 15° |
| | | | 22105131-00 | | 4000 K - 1005 lm - CRI 90 - 15° |

On request: 25° and 40° version. DIMM-DALI version with sub-code -1241.

Trimless 50 - A2

| CLD CELL-D (1-10V) | | | LUMEN OUTPUT (tq= 25 °C) | | |
|--------------------|--------|--------|--------------------------|-------|-----------------------------------|
| LED | colour | weight | code | W tot | K - ølm - CRI - degrees |
| COB | black | 1,30 | 22105232-00 | 24 | 3000 K - 2x975 lm - CRI 90 - 25° |
| | | | 22105233-00 | | 4000 K - 2x1005 lm - CRI 90 - 25° |

On request: 15° and 40° version. DIMM-DALI version with sub-code -1241.

Trimless 50 - A3

| CLD CELL-D (1-10V) | | | LUMEN OUTPUT (tq= 25 °C) | | |
|--------------------|--------|--------|--------------------------|-------|-----------------------------------|
| LED | colour | weight | code | W tot | K - ølm - CRI - degrees |
| COB | black | 2,30 | 22105334-00 | 36 | 3000 K - 3x975 lm - CRI 90 - 40° |
| | | | 22105335-00 | | 4000 K - 3x1005 lm - CRI 90 - 40° |

On request: 15° and 25° version. DIMM-DALI version with sub-code -1241.

Trimless 70 - A1

| CLD CELL-D (1-10V) | | | LUMEN OUTPUT (tq= 25 °C) | | |
|--------------------|--------|--------|--------------------------|-------|----------------------------------|
| LED | colour | weight | code | W tot | K - ølm - CRI - degrees |
| COB | black | 1,00 | 22107130-00 | 25 | 3000 K - 2x160 lm - CRI 90 - 21° |
| | | | 22107131-00 | | 4000 K - 2x225 lm - CRI 90 - 21° |

On request: 28° and 40° version. DIMM-DALI version with sub-code -1241.

Trimless 70 - A2

| CLD CELL-D (1-10V) | | | LUMEN OUTPUT (tq= 25 °C) | | |
|--------------------|--------|--------|--------------------------|-------|-----------------------------------|
| LED | colour | weight | code | W tot | K - ølm - CRI - degrees |
| COB | black | 1,70 | 22107232-00 | 50 | 3000 K - 2x2160 lm - CRI 90 - 28° |
| | | | 22107233-00 | | 4000 K - 2x2225 lm - CRI 90 - 28° |

On request: 21° and 40° version. DIMM-DALI version with sub-code -1241.

Trimless 70 - A3

| CLD CELL-D (1-10V) | | | LUMEN OUTPUT (tq= 25 °C) | | |
|--------------------|--------|--------|--------------------------|-------|-----------------------------------|
| LED | colour | weight | code | W tot | K - ølm - CRI - degrees |
| COB | black | 2,80 | 22107334-00 | 75 | 3000 K - 3x2160 lm - CRI 90 - 40° |
| | | | 22107335-00 | | 4000 K - 3x2225 lm - CRI 90 - 40° |

On request: 21° and 28° version. DIMM-DALI version with sub-code -1241.

Trimless 111 - A1

| CLD CELL-D (1-10V) | | | LUMEN OUTPUT (tq= 25 °C) | | |
|--------------------|--------|--------|--------------------------|-------|---------------------------------|
| LED | colour | weight | code | W tot | K - ølm - CRI - degrees |
| COB | black | 1,20 | 22111130-00 | 40 | 3000 K - 3800 lm - CRI 90 - 15° |
| | | | 22111131-00 | | 4000 K - 3900 lm - CRI 90 - 15° |

On request: 25° and 38° version. DIMM-DALI version with sub-code -1241.

Trimless 111 - A2

| CLD CELL-D (1-10V) | | | LUMEN OUTPUT (tq= 25 °C) | | |
|--------------------|--------|--------|--------------------------|-------|-----------------------------------|
| LED | colour | weight | code | W tot | K - ølm - CRI - degrees |
| COB | black | 2,40 | 22111232-00 | 80 | 3000 K - 2x3800 lm - CRI 90 - 25° |
| | | | 22111233-00 | | 4000 K - 2x3900 lm - CRI 90 - 25° |

On request: 15° and 38° version. DIMM-DALI version with sub-code -1241.

Trimless 111 - A3

| CLD CELL-D (1-10V) | | | LUMEN OUTPUT (tq= 25 °C) | | |
|--------------------|--------|--------|--------------------------|-------|-----------------------------------|
| LED | colour | weight | code | W tot | K - ølm - CRI - degrees |
| COB | black | 3,60 | 22111334-00 | 120 | 3000 K - 3x3800 lm - CRI 90 - 38° |
| | | | 22111335-00 | | 4000 K - 3x3900 lm - CRI 90 - 38° |

On request: 15° and 25° version. DIMM-DALI version with sub-code -1241.





Trimless B

Housing and frame: in die-cast aluminium with adjustable and tilting spotlights.

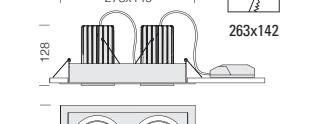
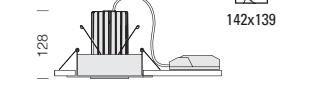
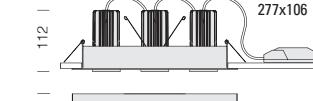
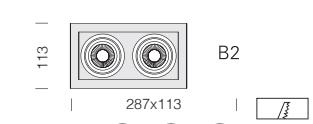
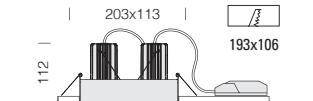
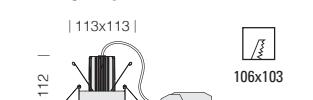
Equipment: equipped with galvanised steel support brackets which guarantee perfect attachment to suspended ceiling from 12 mm to 25 mm thick.

Reflector: high-efficiency metallised polycarbonate.

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

Trimless B

IP20 IK07 ▽ □



Trimless 50 - B1

| CLD CELL-D (1-10V) | | | LUMEN OUTPUT (tq= 25 °C) | | |
|--------------------|--------|--------|--------------------------|-------|---------------------------------|
| LED | colour | weight | code | W tot | K - ølm - CRI - degrees |
| COB | noir | 1,20 | 22105110-00 | 12 | 3000 K - 975 lm - CRI 90 - 15° |
| | | | 22105111-00 | | 4000 K - 1005 lm - CRI 90 - 15° |

On request: 25° and 40° version. DIMM-DALI version with sub-code -1241.

Trimless 50 - B2

| CLD CELL-D (1-10V) | | | LUMEN OUTPUT (tq= 25 °C) | | |
|--------------------|--------|--------|--------------------------|-------|-----------------------------------|
| LED | colour | weight | code | W tot | K - ølm - CRI - degrees |
| COB | noir | 2,40 | 22105212-00 | 24 | 3000 K - 2x975 lm - CRI 90 - 25° |
| | | | 22105213-00 | | 4000 K - 2x1005 lm - CRI 90 - 25° |

On request: 15° and 40° version. DIMM-DALI version with sub-code -1241.

Trimless 50 - B3

| CLD CELL-D (1-10V) | | | LUMEN OUTPUT (tq= 25 °C) | | |
|--------------------|--------|--------|--------------------------|-------|-----------------------------------|
| LED | colour | weight | code | W tot | K - ølm - CRI - degrees |
| COB | noir | 3,60 | 22105314-00 | 36 | 3000 K - 3x975 lm - CRI 90 - 40° |
| | | | 22105315-00 | | 4000 K - 3x1005 lm - CRI 90 - 40° |

On request: 15° and 25° version. DIMM-DALI version with sub-code -1241.

Trimless 70 - B1

| CLD CELL-D (1-10V) | | | LUMEN OUTPUT (tq= 25 °C) | | |
|--------------------|--------|--------|--------------------------|-------|---------------------------------|
| LED | colour | weight | code | W tot | K - ølm - CRI - degrees |
| COB | noir | 1,30 | 22107110-00 | 25 | 3000 K - 2160 lm - CRI 90 - 21° |
| | | | 22107111-00 | | 4000 K - 2225 lm - CRI 90 - 21° |

On request: 28° and 40° version. DIMM-DALI version with sub-code -1241.

Trimless 70 - B2

| CLD CELL-D (1-10V) | | | LUMEN OUTPUT (tq= 25 °C) | | |
|--------------------|--------|--------|--------------------------|-------|-----------------------------------|
| LED | colour | weight | code | W tot | K - ølm - CRI - degrees |
| COB | noir | 2,60 | 22107212-00 | 50 | 3000 K - 2x2160 lm - CRI 90 - 28° |
| | | | 22107213-00 | | 4000 K - 2x2225 lm - CRI 90 - 28° |

On request: 21° and 40° version. DIMM-DALI version with sub-code -1241.

Trimless 70 - B3

| CLD CELL-D (1-10V) | | | LUMEN OUTPUT (tq= 25 °C) | | |
|--------------------|--------|--------|--------------------------|-------|-----------------------------------|
| LED | colour | weight | code | W tot | K - ølm - CRI - degrees |
| COB | noir | 3,80 | 22107314-00 | 75 | 3000 K - 3x2160 lm - CRI 90 - 40° |
| | | | 22107315-00 | | 4000 K - 3x2225 lm - CRI 90 - 40° |

On request: 21° and 28° version. DIMM-DALI version with sub-code -1241.

Trimless 111 - B1

| CLD CELL-D (1-10V) | | | LUMEN OUTPUT (tq= 25 °C) | | |
|--------------------|--------|--------|--------------------------|-------|---------------------------------|
| LED | colour | weight | code | W tot | K - ølm - CRI - degrees |
| COB | noir | 1,50 | 22111110-00 | 40 | 3000 K - 3800 lm - CRI 90 - 15° |
| | | | 22111111-00 | | 4000 K - 3900 lm - CRI 90 - 15° |

On request: 25° and 38° version. DIMM-DALI version with sub-code -1241.

Trimless 111 - B2

| CLD CELL-D (1-10V) | | | LUMEN OUTPUT (tq= 25 °C) | | |
|--------------------|--------|--------|--------------------------|-------|-----------------------------------|
| LED | colour | weight | code | W tot | K - ølm - CRI - degrees |
| COB | noir | 2,80 | 22111212-00 | 80 | 3000 K - 2x3800 lm - CRI 90 - 25° |
| | | | 22111213-00 | | 4000 K - 2x3900 lm - CRI 90 - 25° |

On request: 15° and 38° version. DIMM-DALI version with sub-code -1241.

Trimless 111 - B3

| CLD CELL-D (1-10V) | | | LUMEN OUTPUT (tq= 25 °C) | | |
|--------------------|--------|--------|--------------------------|-------|-----------------------------------|
| LED | colour | weight | code | W tot | K - ølm - CRI - degrees |
| COB | noir | 4,00 | 22111314-00 | 120 | 3000 K - 3x3800 lm - CRI 90 - 38° |
| | | | 22111315-00 | | 4000 K - 3x3900 lm - CRI 90 - 38° |

On request: 15° and 25° version. DIMM-DALI version with sub-code -1241.

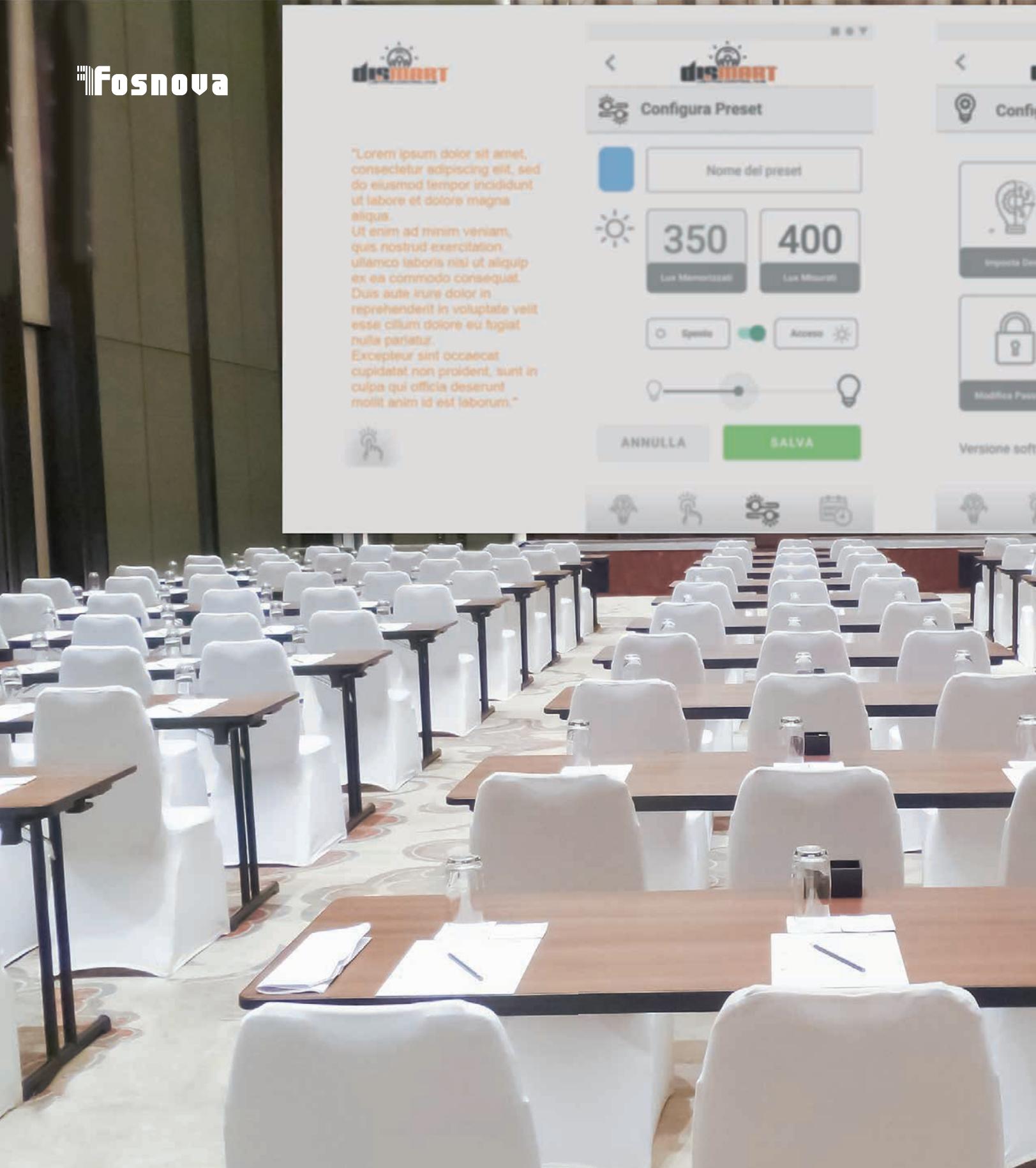
3000K

4000K

CRI
90

50.000h
L80B20





Spot Panel

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 optics in thermally conductive plastic with metallic finish, combined with a special diffuser to optimise the luminous output and significantly reduce direct glare.

LED: Luminous flux maintenance 80%: 50.000h (L80B20). Power factor: ≥0,92.

Spot Panel

IP40 IK07

715



UGR<19

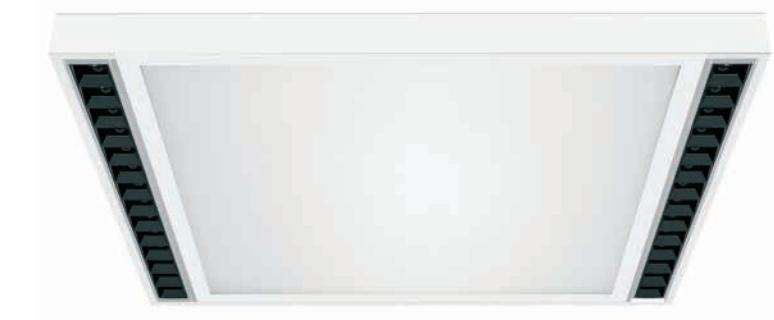


3000K

4000K

CRI
90

50.000h
L80B20

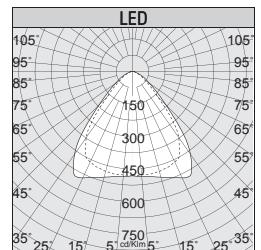


Spot panel 1 - ceiling - UGR<19

| CLD CELL (ON-OFF) | | LUMEN OUTPUT (tq= 25 °C) | |
|-----------------------------|--------|--------------------------|--|
| LED | colour | weight | code |
| 14 modules | white | 7,10 | 22530101-00 22530101-39 |
| | | | 4000K - 5400lm - CRI 90 3000K - 5022lm - CRI 90 |
| CLD CELLD-DIG (DALI) | | | |
| 14 modules | white | 7,10 | 22530101-1241 22530101-3941 |
| | | | 4000K - 5400lm - CRI 90 3000K - 5022lm - CRI 90 |
| CLD CELL-E (1h) | | | |
| 14 modules | white | 7,10 | 22530101-09 22530101-0928 |
| | | | 4000K - 5400lm - CRI 90 3000K - 5022lm - CRI 90 |

78° comfort module. **On request:** 54° version. Driver inside.

On request: possibility of separate ON/OFF switch.

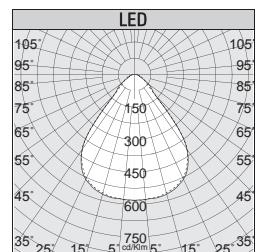


Spot panel 2 - ceiling - UGR<19

| CLD CELL (ON-OFF) | | LUMEN OUTPUT (tq= 25 °C) | |
|-----------------------------|--------|--------------------------|--|
| LED | colour | weight | code |
| 28 modules | white | 8,20 | 22540101-00 22540101-39 |
| | | | 4000K - 5930lm - CRI 90 3000K - 5515lm - CRI 90 |
| CLD CELLD-DIG (DALI) | | | |
| 28 modules | white | 8,20 | 22540101-1241 22540101-3941 |
| | | | 4000K - 5930lm - CRI 90 3000K - 5515lm - CRI 90 |
| CLD CELL-E (1h) | | | |
| 28 modules | white | 8,20 | 22540101-09 22540101-0928 |
| | | | 4000K - 5930lm - CRI 90 3000K - 5515lm - CRI 90 |

78° comfort module. **On request:** 54° version. Driver inside.

On request: possibility of separate ON/OFF switch.





Eco Lex

The shield consists of a 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.

Housing: in die cast aluminium.

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

Eco Lex

| | |
|----------------|----------------|
| v.a. IP20 IK07 | v.a. IP44 IK07 |
| [32] | [34] |
| min Ø 90 | max Ø 96 |
| 127 | Ø100 |
| Eco Lex | |
| [32] | [45] |
| min Ø 142 | max Ø 162 |
| 127 | Ø164 |
| Eco Lex 1 | |
| [32] | [50] |
| min Ø 170 | max Ø 190 |
| 127 | Ø192 |
| Eco Lex 2 | |
| [32] | [60] |
| min Ø 198 | max Ø 216 |
| 127 | Ø220 |
| Eco Lex 3 | |
| [32] | [60] |
| min Ø 220 | max Ø 240 |
| 127 | Ø245 |
| Eco Lex 4 - 6 | |

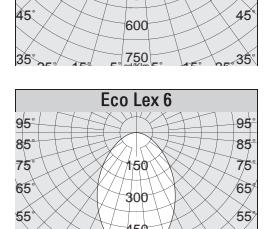
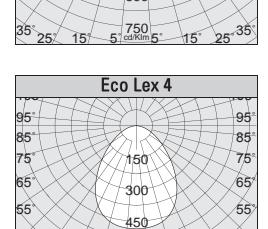
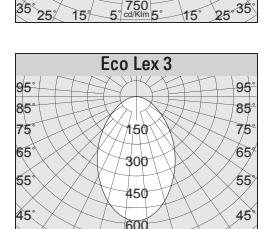
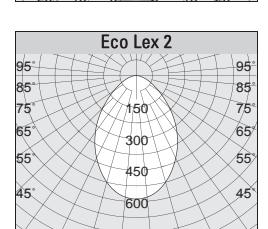
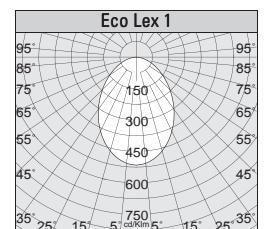
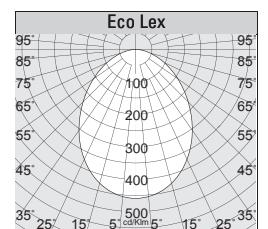


4000K

3000K

CRI
90

50.000h
L80B20



| Eco Lex | | CLD CELL-D (IGBT) | | LUMEN OUTPUT (tq= 25 °C) | |
|---------|--------|-------------------|-------------|--------------------------|---------------------------|
| LED | colour | weight | code | W tot | K - ø lm - CRI |
| LED | white | 0,30 | 22172904-00 | 11 | 4000 K - 1088 lm - CRI 90 |
| | | | 22172903-00 | | 3000 K - 1033 lm - CRI 90 |

On request: DIMM-DALI version with sub-code -1241 and EM 1h with sub-code -09.

| Eco Lex 1 | | CLD CELL-D (IGBT) | | LUMEN OUTPUT (tq= 25 °C) | |
|-----------|--------|-------------------|-------------|--------------------------|---------------------------|
| LED | colour | weight | code | W tot | K - ø lm - CRI |
| LED | white | 0,35 | 22172914-00 | 11 | 4000 K - 1040 lm - CRI 90 |
| | | | 22172918-00 | | 3000 K - 980 lm - CRI 90 |

On request: DIMM-DALI version with sub-code -1241 and EM 1h with sub-code -09.

| Eco Lex 2 | | CLD CELL-D (IGBT) | | LUMEN OUTPUT (tq= 25 °C) | |
|-----------|--------|-------------------|-------------|--------------------------|---------------------------|
| LED | colour | weight | code | W tot | K - ø lm - CRI |
| LED | white | 0,50 | 22172915-00 | 14 | 4000 K - 1380 lm - CRI 90 |
| | | | 22172919-00 | | 3000 K - 1300 lm - CRI 90 |

On request: DIMM-DALI version with sub-code -1241 and EM 1h with sub-code -09.

| Eco Lex 3 | | CLD CELL-D (IGBT) | | LUMEN OUTPUT (tq= 25 °C) | |
|-----------|--------|-------------------|-------------|--------------------------|---------------------------|
| LED | colour | weight | code | W tot | K - ø lm - CRI |
| LED | white | 0,75 | 22172916-00 | 21 | 4000 K - 2190 lm - CRI 90 |
| | | | 22172906-00 | | 3000 K - 2070 lm - CRI 90 |

On request: DIMM-DALI version with sub-code -1241 and EM 1h with sub-code -09.

| Eco Lex 4 | | CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|-----------|--------|----------|-------------|--------------------------|---------------------------|
| LED | colour | weight | code | W tot | K - ø lm - CRI |
| LED | white | 1,00 | 22172917-00 | 32 | 4000 K - 3320 lm - CRI 90 |
| | | | 22172907-00 | | 3000 K - 3135 lm - CRI 90 |

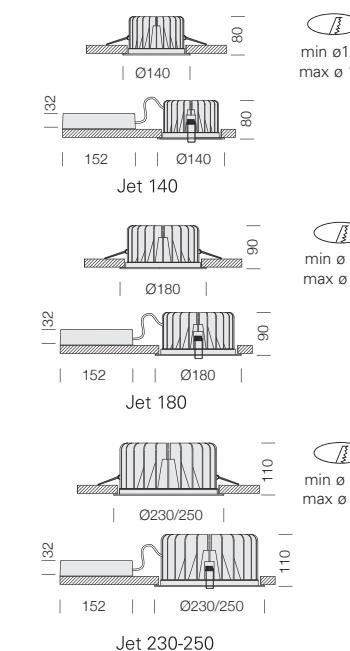
On request: DIMM-DALI version with sub-code -1241 and EM 1h with sub-code -09.

| Eco Lex 6 | | CLD CELL-D (IGBT) | | LUMEN OUTPUT (tq= 25 °C) | |
|-----------|--------|-------------------|-------------|--------------------------|---------------------------|
| LED | colour | weight | code | W tot | K - ø lm - CRI |
| LED | white | 1,00 | 22174901-00 | 21 | 4000 K - 2190 lm - CRI 90 |
| | | | 22174902-00 | | 3000 K - 2070 lm - CRI 90 |

On request: DIMM-DALI version with sub-code -1241 and EM 1h with sub-code -09.



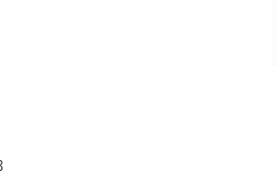
IP65 IK04 ▽ □



Jet 140



Jet 180



Jet 230-250

3000K

4000K

CRI
80

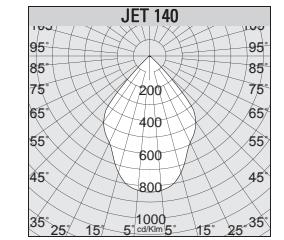
50.000h
L80B20

Version with matt wide beam optics on request.



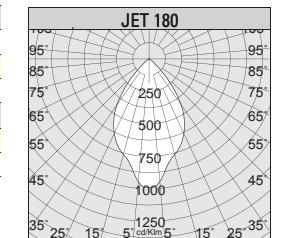
Jet 140

| | | CLD CELL | LUMEN OUTPUT (tq= 25 °C) |
|-----|--------|----------------------|------------------------------|
| LED | colour | weight code | W tot K - ølm - CRI |
| COB | white | 0,90 22065612-39 | 25 3000 K - 1760 lm - CRI 80 |
| | | 22065612-00 | 4000 K - 1892 lm - CRI 80 |
| COB | white | CLD CELLD-DIG (DALI) | |
| | | 0,90 22065612-3941 | 3000 K - 1760 lm - CRI 80 |
| COB | white | 22065612-1241 | 4000 K - 1892 lm - CRI 80 |



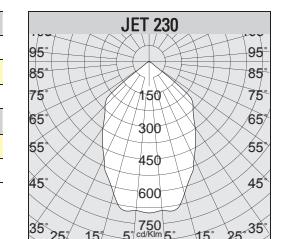
Jet 180

| | | CLD CELL | LUMEN OUTPUT (tq= 25 °C) |
|-----|--------|----------------------|------------------------------|
| LED | colour | weight code | W tot K - ølm - CRI |
| COB | white | 1,45 22065613-39 | 35 3000 K - 3186 lm - CRI 80 |
| | | 22065613-00 | 4000 K - 3423 lm - CRI 80 |
| COB | white | CLD CELLD-DIG (DALI) | |
| | | 1,45 22065613-3941 | 3000 K - 3186 lm - CRI 80 |
| COB | white | 22065613-1241 | 4000 K - 3423 lm - CRI 80 |



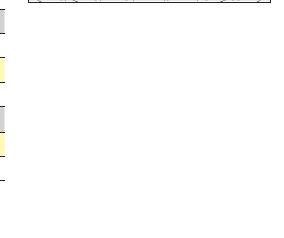
Jet 230

| | | CLD CELL | LUMEN OUTPUT (tq= 25 °C) |
|-----|--------|----------------------|------------------------------|
| LED | colour | weight code | W tot K - ølm - CRI |
| COB | white | 2,20 22065616-39 | 50 3000 K - 5193 lm - CRI 80 |
| | | 22065616-00 | 4000 K - 5584 lm - CRI 80 |
| COB | white | CLD CELLD-DIG (DALI) | |
| | | 2,20 22065616-3941 | 3000 K - 5193 lm - CRI 80 |
| COB | white | 22065616-1241 | 4000 K - 5584 lm - CRI 80 |



Jet 250

| | | CLD CELL | LUMEN OUTPUT (tq= 25 °C) |
|-----|--------|----------------------|------------------------------|
| LED | colour | weight code | W tot K - ølm - CRI |
| COB | white | 2,25 22065618-39 | 50 3000 K - 5193 lm - CRI 80 |
| | | 22065618-00 | 4000 K - 5584 lm - CRI 80 |
| COB | white | CLD CELLD-DIG (DALI) | |
| | | 2,25 22065618-3941 | 3000 K - 5193 lm - CRI 80 |
| COB | white | 22065618-1241 | 4000 K - 5584 lm - CRI 80 |





Jet IP65

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

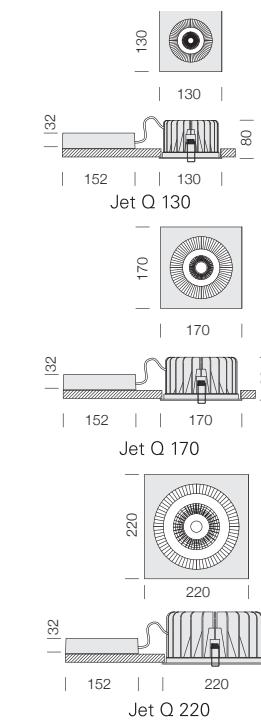
Reflector: dark light optics in high gloss, anti-glare aluminium to optimise light efficiency. Version with matt wide beam optics on request.

LED: High Energy Saving.

Luminous flux maintenance 80%: 50.000h (L80B20).

Power factor >0.9

IP65 IK04 ▽□



Version with matt wide beam optics on request.



Jet Q 130



Jet Q 170



Jet Q 250



3000K



4000K



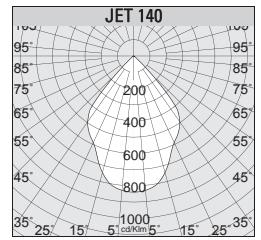
CRI
80



50.000h
L80B20

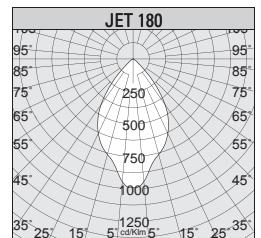
Jet Q 130

| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|-----------------------------|--------|--------------------------|---------------------------|
| LED | colour | W tot | K - lm - CRI |
| COB | white | 22065712-39 | 3000 K - 1760 lm - CRI 80 |
| | | 22065712-00 | 4000 K - 1892 lm - CRI 80 |
| CLD CELLD-DIG (DALI) | | 22065712-3941 | 3000 K - 1760 lm - CRI 80 |
| | | 22065712-1241 | 4000 K - 1892 lm - CRI 80 |



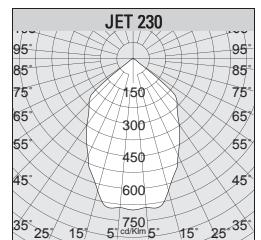
Jet Q 170

| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|-----------------------------|--------|--------------------------|---------------------------|
| LED | colour | W tot | K - lm - CRI |
| COB | white | 22065713-39 | 3000 K - 3186 lm - CRI 80 |
| | | 22065713-00 | 4000 K - 3423 lm - CRI 80 |
| CLD CELLD-DIG (DALI) | | 22065713-3941 | 3000 K - 3186 lm - CRI 80 |
| | | 22065713-1241 | 4000 K - 3423 lm - CRI 80 |



Jet Q 220

| CLD CELL | | LUMEN OUTPUT (tq= 25 °C) | |
|-----------------------------|--------|--------------------------|---------------------------|
| LED | colour | W tot | K - lm - CRI |
| COB | white | 22065716-39 | 3000 K - 5193 lm - CRI 80 |
| | | 22065716-00 | 4000 K - 5584 lm - CRI 80 |
| CLD CELLD-DIG (DALI) | | 22065716-3941 | 3000 K - 5193 lm - CRI 80 |
| | | 22065716-1241 | 4000 K - 5584 lm - CRI 80 |



★★★
Hotel
★★★★★

Technical areas



| | |
|------------------|-----------------|
| Forma | pag. 116 |
| Tortuga | pag. 118 |
| Pastilla | pag. 120 |
| Globo 2.0 | pag. 122 |



Forma

Housing: made of pressed steel, drawn in a single piece for high mechanical resistance. Supplied with frame.

Coating: polyester powder for better resistance to corrosion and saline environment.

Standard supply: silicone rubber gasket and nylon fiberglass cable gland.

On request: emergency unit.

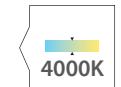
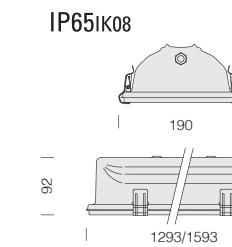
LED: Power factor: ≥0,9. Luminous flux maintenance 80%: 50.000h (L80B20).

Photobiological safety class: Exempt group.

Allowable ambient temperature : -25°C to + 40°C

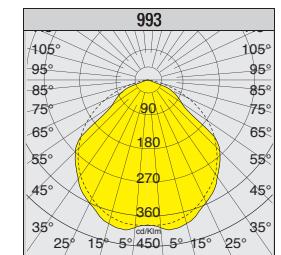
We recommend using this version for applications with direct exposure to sunlight.

Forma

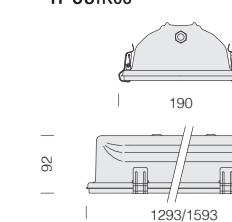


993 Forma - with transparent glass

| CLD CELL | | | LUMEN OUTPUT (tq= 25 °C) | | | |
|------------|-----------|--------|--------------------------|-----------|-----------|---------------------------|
| LED | colour | weight | L | code | W tot | K - ølm - CRI |
| LED | s. silver | 7.20 | 1293 | 162457-00 | 36 | 4000 K - 4688 lm - CRI≥80 |
| | | | | 162447-00 | 50 | 4000 K - 6000 lm - CRI≥80 |
| LED | s. silver | 9.00 | 1593 | 162448-00 | 61 | 4000 K - 8082 lm - CRI≥80 |
| | | | | 162458-00 | 71 | 4000 K - 9264 lm - CRI≥80 |
| CLD CELL-E | | | | | | |
| LED | s. silver | 7.20 | 1293 | 162457-07 | 36 | 4000 K - 4688 lm - CRI≥80 |
| | | | | 162447-07 | 50 | 4000 K - 6000 lm - CRI≥80 |
| LED | s. silver | 9.00 | 1593 | 162448-07 | 61 | 4000 K - 8082 lm - CRI≥80 |
| | | | | 162458-07 | 71 | 4000 K - 9264 lm - CRI≥80 |

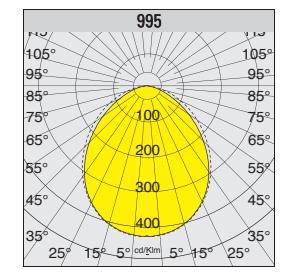


IP65IK08



995 Forma - with etched glass

| CLD CELL | | | LUMEN OUTPUT (tq= 25 °C) | | | |
|------------|-----------|--------|--------------------------|-----------|-----------|---------------------------|
| LED | colour | weight | L | code | W tot | K - ølm - CRI |
| LED | s. silver | 7.20 | 1293 | 162455-00 | 36 | 4000 K - 4378 lm - CRI≥80 |
| | | | | 162445-00 | 50 | 4000 K - 5635 lm - CRI≥80 |
| LED | s. silver | 9.00 | 1593 | 162446-00 | 61 | 4000 K - 7547 lm - CRI≥80 |
| | | | | 162456-00 | 71 | 4000 K - 8650 lm - CRI≥80 |





Tortuga

Round-shape LED fixture with opal polycarbonate diffuser that can be easily installed to the ceiling/wall; ideal for entrance areas, corridors, stairways, waiting rooms, hotels, restaurants and residential spaces. Available in two sizes (Ø305/400 mm) and in the standard 3000K/4000K version and in the 3h emergency version with light-presence sensor (ON-OFF).

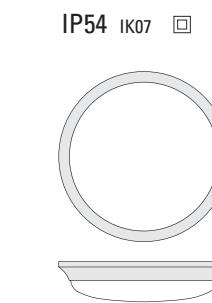
Tortuga is the energy-efficient and modern alternative to luminaires with traditional light sources.

Housing: vandal-resistant, self-extinguishing polycarbonate.

Diffuser: In clear polycarbonate, anti-dazzle, vandal resistant.

LED: Luminous flux maintenance 70% 30.000h (L70B50).
Power factor >0.9.

Tortuga IP54



3000K

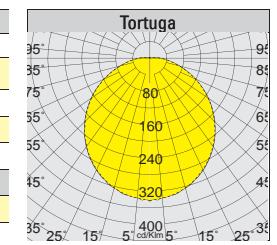
4000K

CRI
80

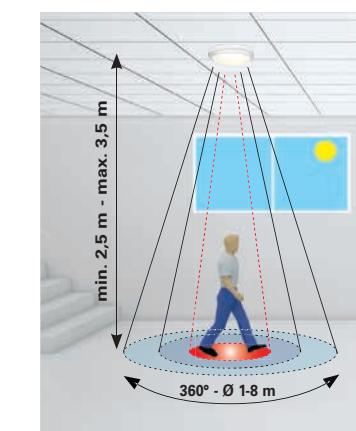
30.000h
L70B50

Tortuga

| CLD CELL | | | LUMEN OUTPUT (tq= 25 °C) | | | |
|---|--------|--------|--------------------------|----------------------------|-------|--|
| LED | colour | weight | Ø mm | code | W tot | K - ø Im - CRI |
| LED | white | 1.00 | Ø305 | 22042410-00 22042411-00 | 17 | 3000 K - 1368 lm - CRI>80 4000 K - 1488 lm - CRI>80 |
| | | 1.15 | Ø400 | 22042412-00 22042413-00 | 28 | 3000 K - 2403 lm - CRI>80 4000 K - 2614 lm - CRI>80 |
| CLD CELL-E - Emergency SA | white | 1.00 | Ø305 | 22042410-09 22042411-09 | 18 | 3000 K - 1368 lm - CRI>80 4000 K - 1488 lm - CRI>80 |
| | | 1.15 | Ø400 | 22042412-09 22042413-09 | 30 | 3000 K - 2403 lm - CRI>80 4000 K - 2614 lm - CRI>80 |
| CLD CELL with light / presence sensor (ON-OFF) | | | | | | |
| LED | white | 1.00 | Ø305 | 22042410-19 22042411-19 | 17 | 3000 K - 1368 lm - CRI>80 4000 K - 1488 lm - CRI>80 |
| | | 1.15 | Ø400 | 22042412-19 22042413-19 | 28 | 3000 K - 2403 lm - CRI>80 4000 K - 2614 lm - CRI>80 |



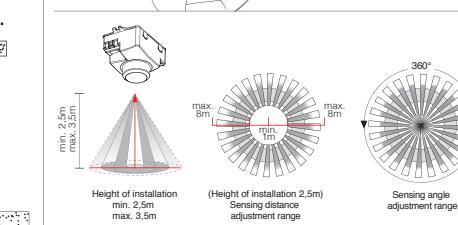
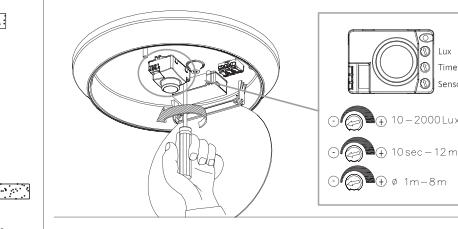
Ceiling installation.



Wall installation.



| SENSOR - TECHNICAL SPECIFICATIONS | |
|-----------------------------------|-----------------------|
| Detection area | 360° |
| Detection distance | Ø 1-8 m (regolabile) |
| Installing height | min. 2,5 - 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 |





Pastilla

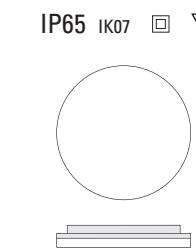
Pastilla is a high-efficiency LED fixture, an ideal upgrade solution to traditional lamps. Its simple yet modern design, along with the supplied bracket, ensures quick installation into different spaces, including corridors, stairways, bathrooms, entrance halls or public areas. It is available in three diameter sizes ($\varnothing 220/280/330$ mm) and in the standard 3000K/4000K version, or with light-presence detectors (ON-OFF) on request.

Housing: vandal-resistant, self-extinguishing polycarbonate.

Diffuser: In clear polycarbonate, anti-dazzle, vandal resistant.

LED: Luminous flux maintenance 80% 30.000h (L80B20). Power factor >0.9.

Pastilla



3000K

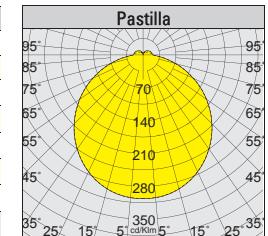
4000K

CRI
80

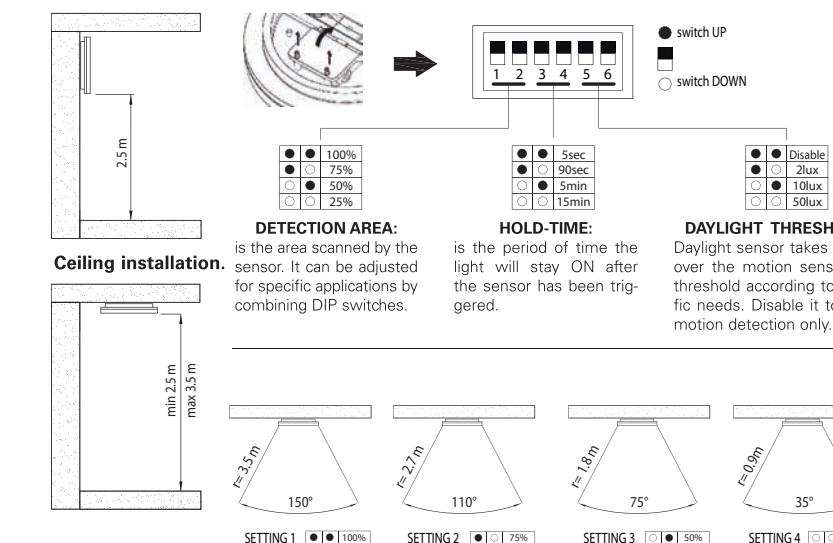
30.000h
L70B50

Pastilla

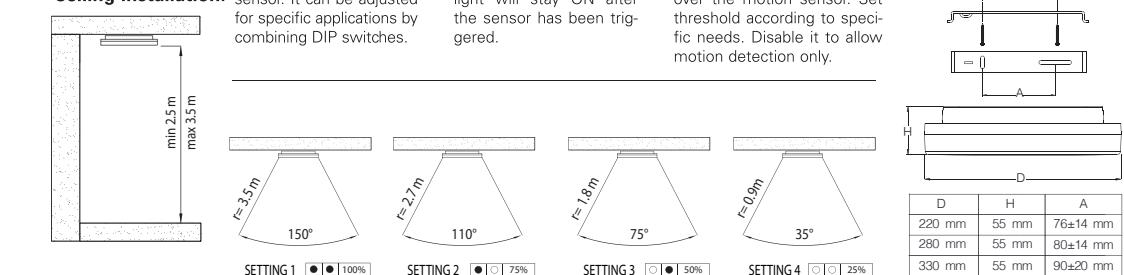
| CLD CELL | | | LUMEN OUTPUT (tq= 25 °C) | | | |
|--------------------------------|--------|-------|--------------------------|-------------|-----------|--------------------------|
| LED | colour | poids | Ø mm | code | W tot | K - ø lm - CRI |
| LED | white | 0.60 | $\varnothing 220$ | 22042510-00 | 15 | 3000K - 1328 lm - CRI 80 |
| | | | | 22042511-00 | | 4000K - 1444 lm - CRI 80 |
| LED | white | 0.80 | $\varnothing 280$ | 22042512-00 | 18 | 3000K - 1651 lm - CRI 80 |
| | | | | 22042513-00 | | 4000K - 1796 lm - CRI 80 |
| LED | white | 1.00 | $\varnothing 330$ | 22042514-00 | 24 | 3000K - 2273 lm - CRI 80 |
| | | | | 22042515-00 | | 4000K - 2473 lm - CRI 80 |
| CLD CELL - Radar Sensor | | | | | | |
| LED | white | 0.80 | $\varnothing 280$ | 22042512-19 | 18 | 3000K - 1651 lm - CRI 80 |
| | | | | 22042513-19 | | 4000K - 1796 lm - CRI 80 |
| LED | white | 1.00 | $\varnothing 330$ | 22042514-19 | 24 | 3000K - 2273 lm - CRI 80 |
| | | | | 22042515-19 | | 4000K - 2473 lm - CRI 80 |



Wall installation.



Ceiling installation.



Examples of possible detection area setups (150°-110°-75°-35°) and related detection distances ($r=3.5m-2.7m-1.8m-0.9m$)

Equipment: supplied with bracket for ceiling/wall installation.



| D | H | A |
|--------|-------|----------|
| 220 mm | 55 mm | 76±14 mm |
| 280 mm | 55 mm | 80±14 mm |
| 330 mm | 55 mm | 90±20 mm |



78 |



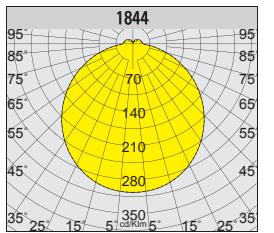
4000K

3000K

CRI
8050.000h
L80B20**1844 Globo 2.0**

| | | CLD CELL | LUMEN OUTPUT (tq= 25 °C) | | |
|---------|--------|----------|------------------------------|-------|---------------------------|
| wattage | colour | weight | code | W tot | K - ø1m - CRI |
| LED | white | 0.90 | 427249-00 | 14 | 4000 K - 1550 lm - CRI≥80 |
| | | | 427249-39 | | 3000 K - 1441 lm - CRI≥80 |
| | | | CLD CELL radar sensor | | |
| LED | white | 0.90 | 427249-19 | 14 | 4000 K - 1550 lm - CRI≥80 |

Sur demande : avec majoration du prix disponible version EM (sous-code -07).





DELSANA

LED LIGHTING SYSTEMS

IHR KOOPERATIONSPARTNER FÜR DEUTSCHLAND

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disano

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