

HOTEL

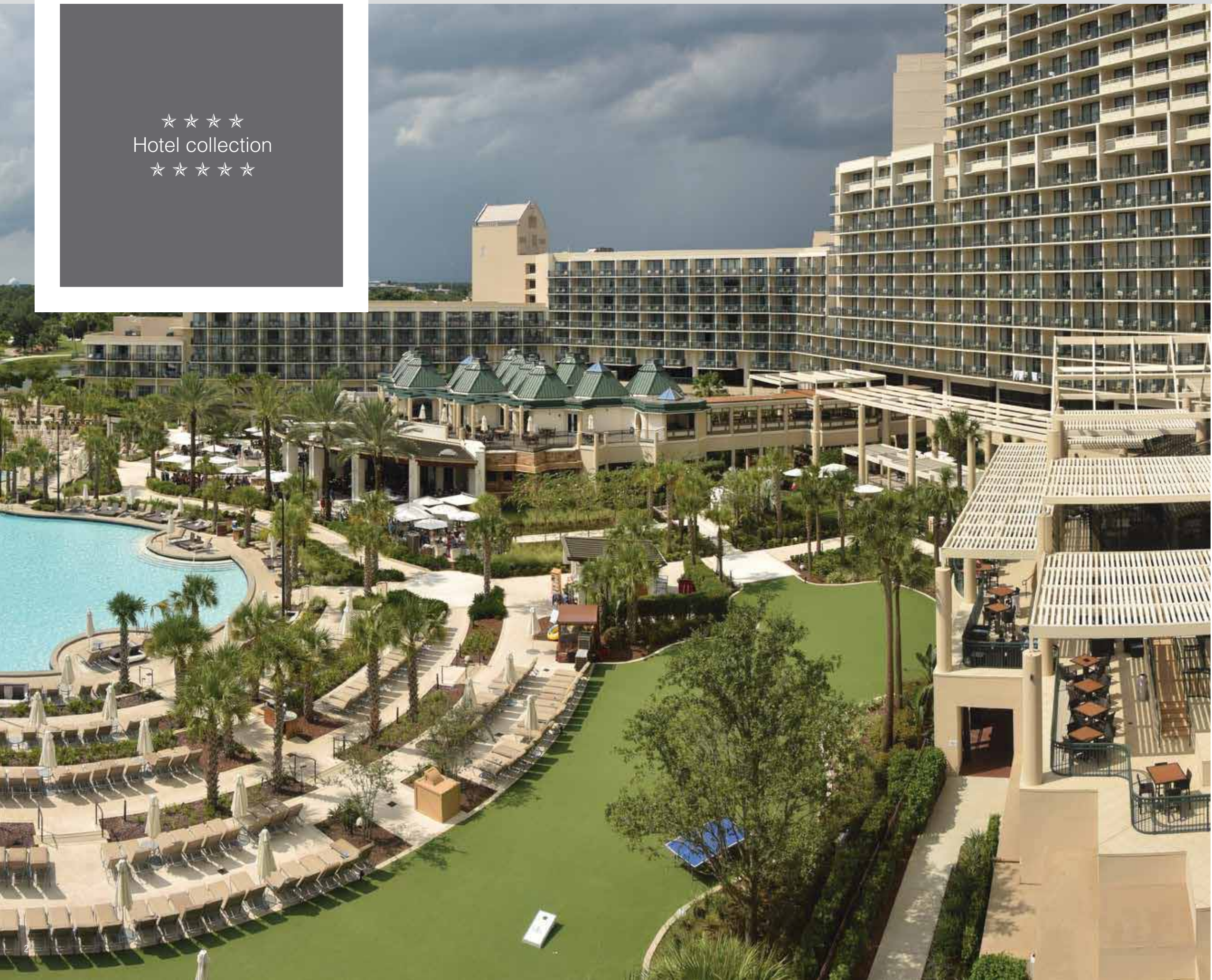


Hotel collection

A selection of products for
different applications

M A D E I N I T A L Y

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**Introduction to
hotel lighting
applications**

pag. 4

Arrival

pag. 10

Reception

pag. 34

Accommodation

pag. 66

All inclusive

pag. 86

Technical areas

pag. 114

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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.

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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



Moscow City, Russia



Hotel - Cerkno, Slovenia



Buddha-Bar - St. Petersburg



Hotel Meubl  Olimpia - Baia Sardinia, Olbia - Italy



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.

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Renovate to save!!

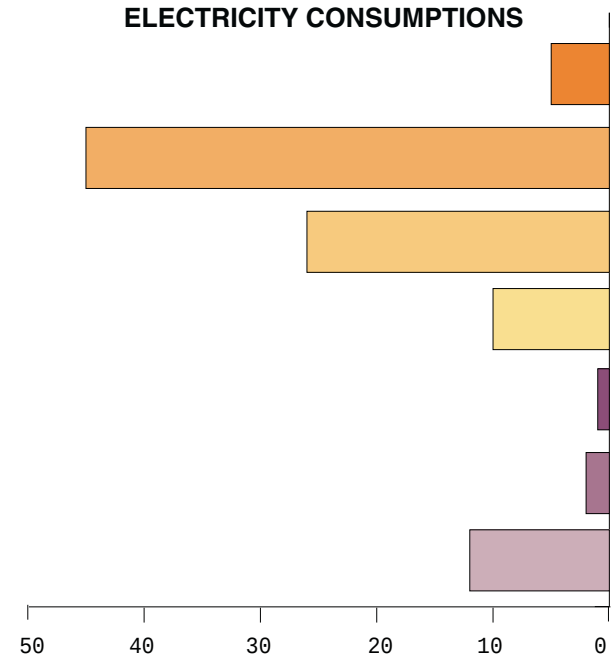
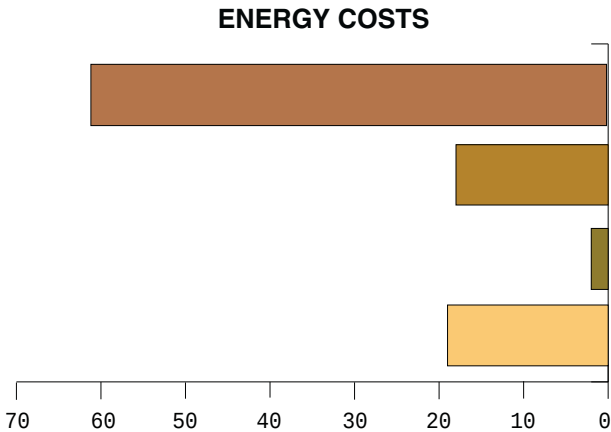
FIXED COSTS AND VARIABLE COSTS
OF ENERGY CONSUMPTION

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).



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 r
equiring 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

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Arrivo

Cripto pag. 12

Sicura pag. 14

Brick pag. 16

Volo pag. 18

Lucerna pag. 20

Iseo pag. 22

Garda pag. 24

Ottima pag. 26

Box 1 pag. 26

Portofino pag. 28

Bitta pag. 30

Snow 1-3 pag. 32



Cripto Medium - Cripto Big

Housing: in die-cast aluminium with cooling fins.

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

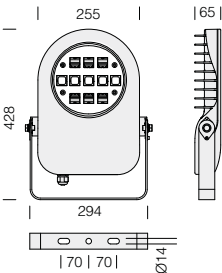
Coating: the standard powder coating consists of a first metal surface pre-treatment stage and of single layer of UV-stabilised, corrosion and salt resistant polyester powder coating. On request: coating COMPLIANT with UNI EN ISO 9227 Corrosion tests in artificial atmospheres for aggressive environments.

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

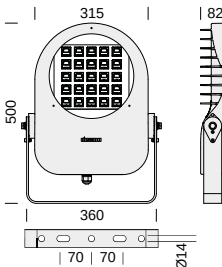
On request: 1-10V dimmer, dimmable from 10% to 100% (subcode **-0041**), Radar Sensor version (subcode **-19**).

LED: power factor: $\geq 0,9$. Photobiological safety class: exempt group.

IP66IK08



IP66IK08



93W-211W= 4/6kV
134W= 6/8kV



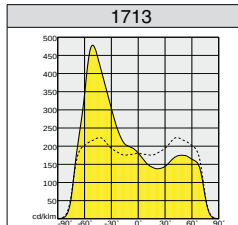
4000K

CRI
80

80.000h
L80B10

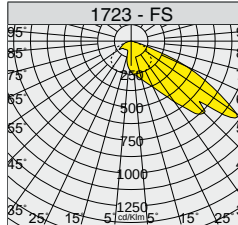
1713 Cripto medium - asymmetric

wattage	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		K - ølm 700mA - CRI
LED	graphite	5.50	413030-00	93	4000 K - 9121 lm - CRI 80
	grey 9006		413031-00		



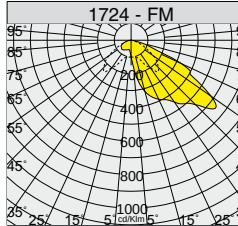
1723 Cripto Big - asymmetric 50° - FS

wattage	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		K - ølm 700mA - CRI
LED	graphite	7.50	413070-00	134	4000 K - 12169 lm - CRI 80
	grey 9006		413074-00		
LED	graphite	8.00	413071-00	211	4000 K - 19014 lm - CRI 80
	grey 9006		413075-00		



1724 Cripto Big - asymmetric 50° - FM

wattage	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		K - ølm 700mA - CRI
LED	graphite	7.50	413080-00	134	4000 K - 12682 lm - CRI 80
	grey 9006		413084-00		
LED	graphite	8.00	413081-00	211	4000 K - 19816 lm - CRI 80
	grey 9006		413085-00		





Sicura

Housing: complete with graphite aluminium frame with die-cast aluminium end caps.

Diffuser: 8 mm clear and tempered glass, resistant to thermal shock.

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.

Equipment: complete with electrical cable (1mt) for mains connection.

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

IP66IK08

70



655/1215/1495

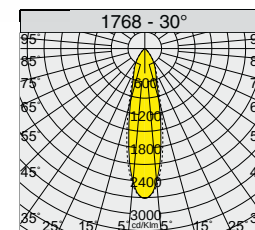


640/1240/1540



1768 Sicura FS - symmetric

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



4000K

CRI

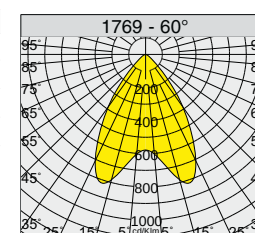
70-80

50.000h

L80B20

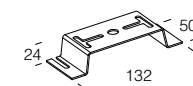
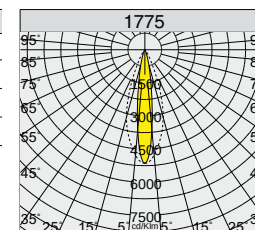
1769 Sicura FL - symmetric

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



1775 Sicura - elliptic

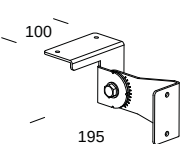
wattage	colour	L	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
			weight	code		K - ølm - CRI
LED	grey	640	3.00	414236-00	31	4000 K - 3148 lm - CRI $\geq$ 70
		1240	3.50	414237-00	61	4000 K - 6297 lm - CRI $\geq$ 70
		1540	4.00	414238-00	77	4000 K - 8096 lm - CRI $\geq$ 70



acc. 376 ceiling moun. unit

galvanized 145151-00

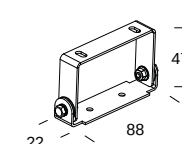
For direct ceiling installation. Only for equipment with direct light. **2 for pack.**



acc. 537 adjustable connection

galvanized 993974-00

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



acc. 535 adjustable connection

grey 993970-00

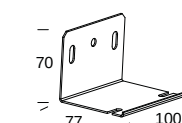
For direct ceiling installation. Capacity: 6 Kg. **2 for pack.**



acc. 339 connector

993836-00

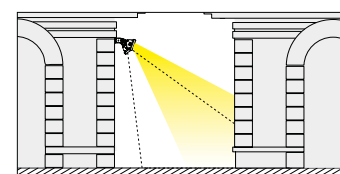
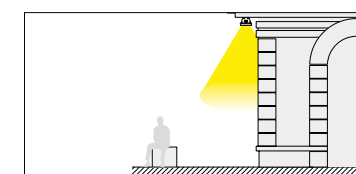
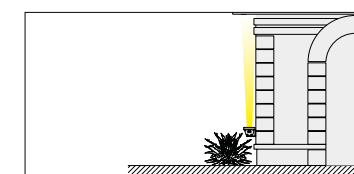
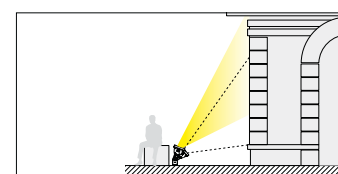
To be used for mains connection.



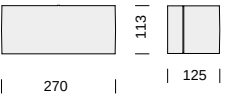
acc. 536 bracket

grey 993972-00

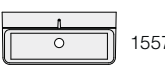
To install Sicura permanently on walls. **2 for pack.**



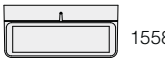
IP65IK07



1556



1557



1558



1556



1558



1557

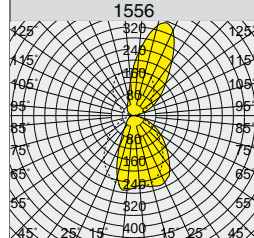
3000K

CRI
80

50.000h
L80B20

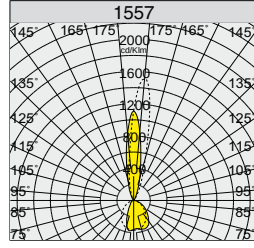
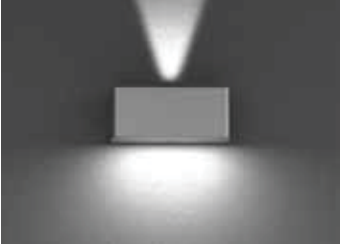
1556 Brick - direct/indirect light

wattage	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		K - olm 500mA - CRI
LED	grey 9007	1.00	420600-00	19	3000 K - 1440 lm - CRI 80
	white		420601-00		
	graphite		420602-00		



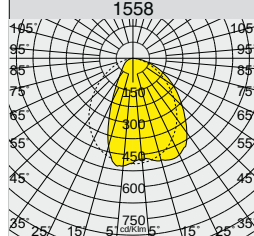
1557 Brick - direct/indirect light with narrow beam

wattage	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		K - olm 500mA - CRI
LED	grey 9007	1.00	420610-00	11	3000K - 890lm - CRI 80
	white		420611-00		
	graphite		420612-00		



1558 Brick - direct light

wattage	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		K - olm 500mA - CRI
LED	grey 9007	1.00	420620-00	10	3000K - 730lm - CRI 80
	white		420621-00		
	graphite		420622-00		



Brick

Housing: in die-cast aluminium.

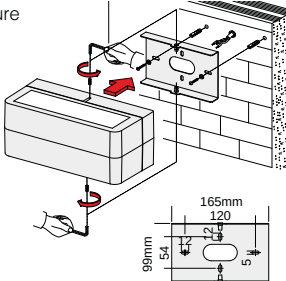
Diffuser: in tempered glass, 4 mm thick, thermal shock and impact resistant.

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 with IP67 airtight connector for mains connection.

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

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.

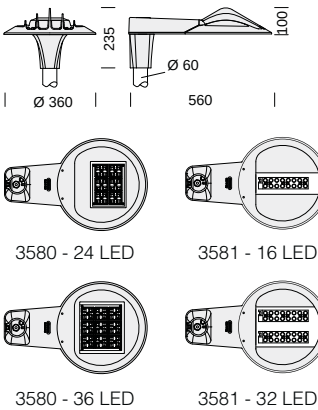
Standard supply: Automatic temperature control inside the device with automatic resetting. Safety diode to protect against voltage peaks compliant with EN 61547. With dedicated electronic device to protect the LED module. Supplied with connector for mains connection and complete with an air-circulation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

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

Volo

IP66IK08

Registered Design
DM/100271



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



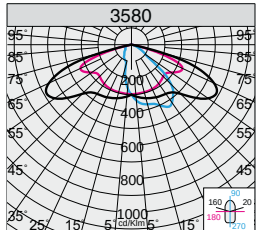
4000K

3000K

CRI
70

3580 Volo - residential amenities - high performance

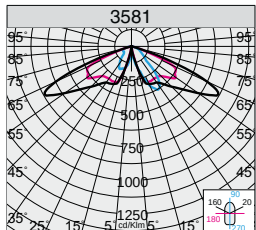
wattage	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		K - ølm - CRI
LED	pearl	6.00	424600-00	25	4000 K - 4346 lm - CRI 70
	pearl	6.00	424600-39		3000 K - 4115 lm - CRI 70
LED	blue	6.00	424601-00	25	4000 K - 4346 lm - CRI 70
	blue	6.00	424601-39		3000 K - 4115 lm - CRI 70
LED	pearl	6.50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



80.000h
L80B20

3581 Volo - cycleways + residential amenities

wattage	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		K - ølm - 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



100.000h
L80B10



Available in graphite colour with sub-code -2168.

Virtual midnight sub-code -30				
100% flux				
75%				
50%				
25%				
ON	22:30	virtual midnight	04:30	OFF

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.

Zhaga Socket (sub-code -0054)



Lucerna

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

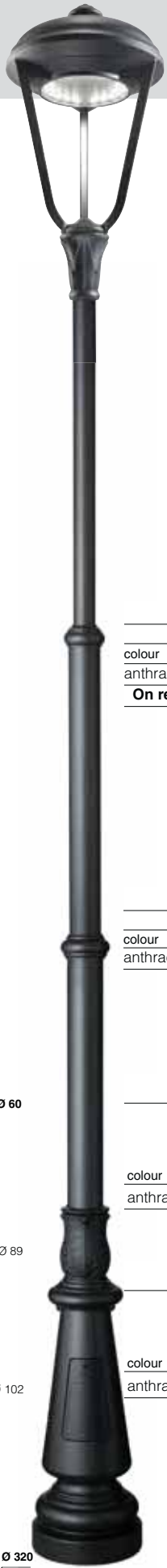
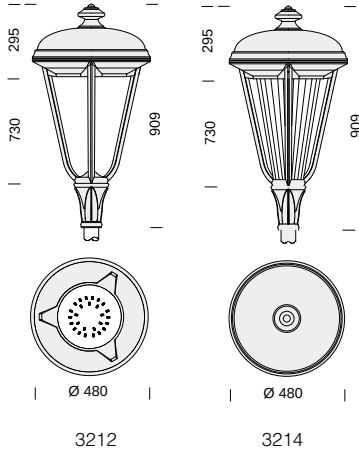
Diffuser: tempered glass, 5 mm thick, withstands thermal shock and impacts.

Coating: the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cathaphoresis 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: $\geq 0,9$. Photobiological safety class: exempt group.

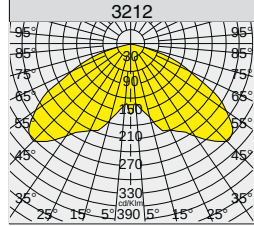
IP66IK08



3212 Lucerna R

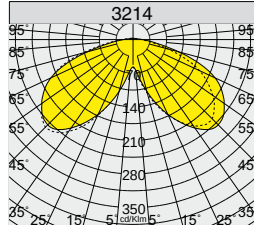
	CLD CELL		LUMEN OUTPUT (tq= 25 °C)	
colour	weight	code	W tot	K - ølm 350mA - CRI
anthracite	12.35	326970-00	28	4000 K - 3515 lm - CRI>70

On request: 3000K version.



3214 Lucerna R

	CLD CELL		LUMEN OUTPUT (tq= 25 °C)	
colour	weight	code	W tot	K - ølm 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 89	Ø 102	Ø 125	Ø 150	Ø 175	Ø 200	Ø 225
anthracite	425230-00	3965	3365	600	300	320	60	Ø 320	Ø 60

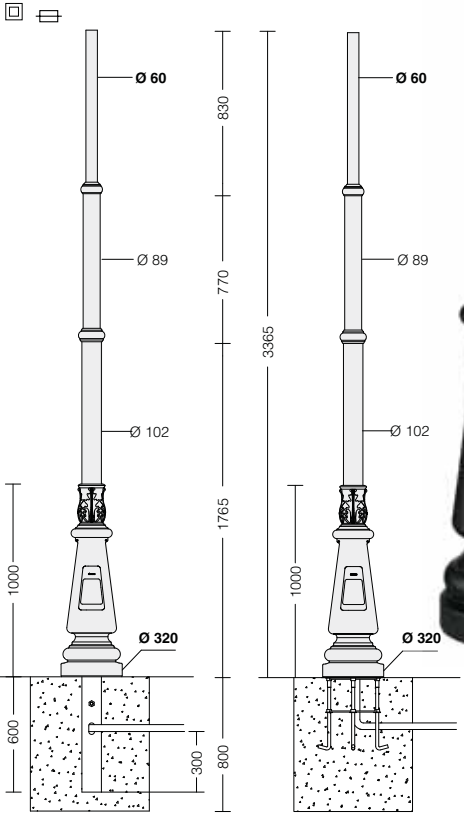
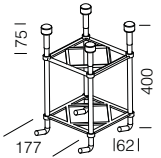
acc. 1410 - Lucerna pole with base

colour	code	Ø 60	Ø 89	Ø 102	Ø 125	Ø 150	Ø 175	Ø 200	Ø 225
anthracite	425220-00	3365	300	320	60	Ø 320	Ø 60	Ø 300	

acc. 299 log bolts

991396-00

Log bolts supplied with poles 1410.

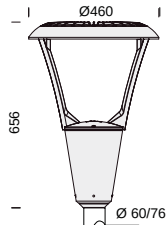




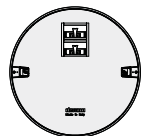
Iseo

Housing and arms: pressed in die-cast aluminium and designed with a very small surface exposed to wind.
Optics: in aluminium coated with very high purity (99.99%) silver using physical vapour deposition (PVD).
Pole connection: pressed in die-cast aluminium. Suited for poles with a diameter 60-76mm.
Diffuser: extra-clear tempered glass, 5 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: ≥ 0.92 . Photobiological safety class: exempt group.

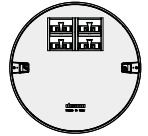
IP66IK09



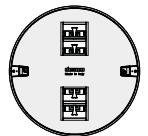
3361
8 LED



3361
16 LED



3362
16 LED



3360
32 LED



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



4000K

3000K

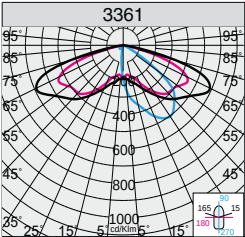
CRI
70

100.000h
L80B10

3361 Iseo 2 - residential amenities

wattage	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)	
		weight	code		K - ølm 530mA - CRI	
LED	anthracite	7.10	330570-00	33	4000 K - 3366 lm - CRI 70	
			330570-39		3000 K - 3130 lm - CRI 70	
LED	anthracite	7.10	330571-00	64	4000 K - 6732 lm - CRI 70	
			330571-39		3000 K - 6261 lm - CRI 70	

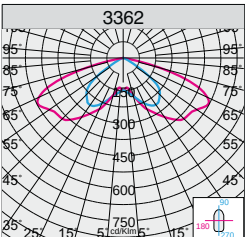
On request: possibility to control each individual light point.



3362 Iseo 3 - residential amenities

wattage	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)	
		weight	code		K - ølm 530mA - CRI	
LED	anthracite	7.10	330580-00	64	4000 K - 6741 lm - CRI 70	
			330580-39		3000 K - 6269 lm - CRI 70	

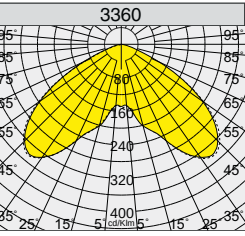
On request: possibility to control each individual light point.



3360 Iseo 1 - wide beam

wattage	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)	
		weight	code		K - ølm 530mA - CRI	
LED	anthracite	7.30	330560-00	52	4000 K - 5667 lm - CRI 70	
			330560-39		3000 K - 5270 lm - CRI 70	

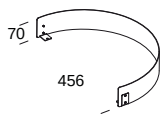
On request: possibility to control each individual light point.

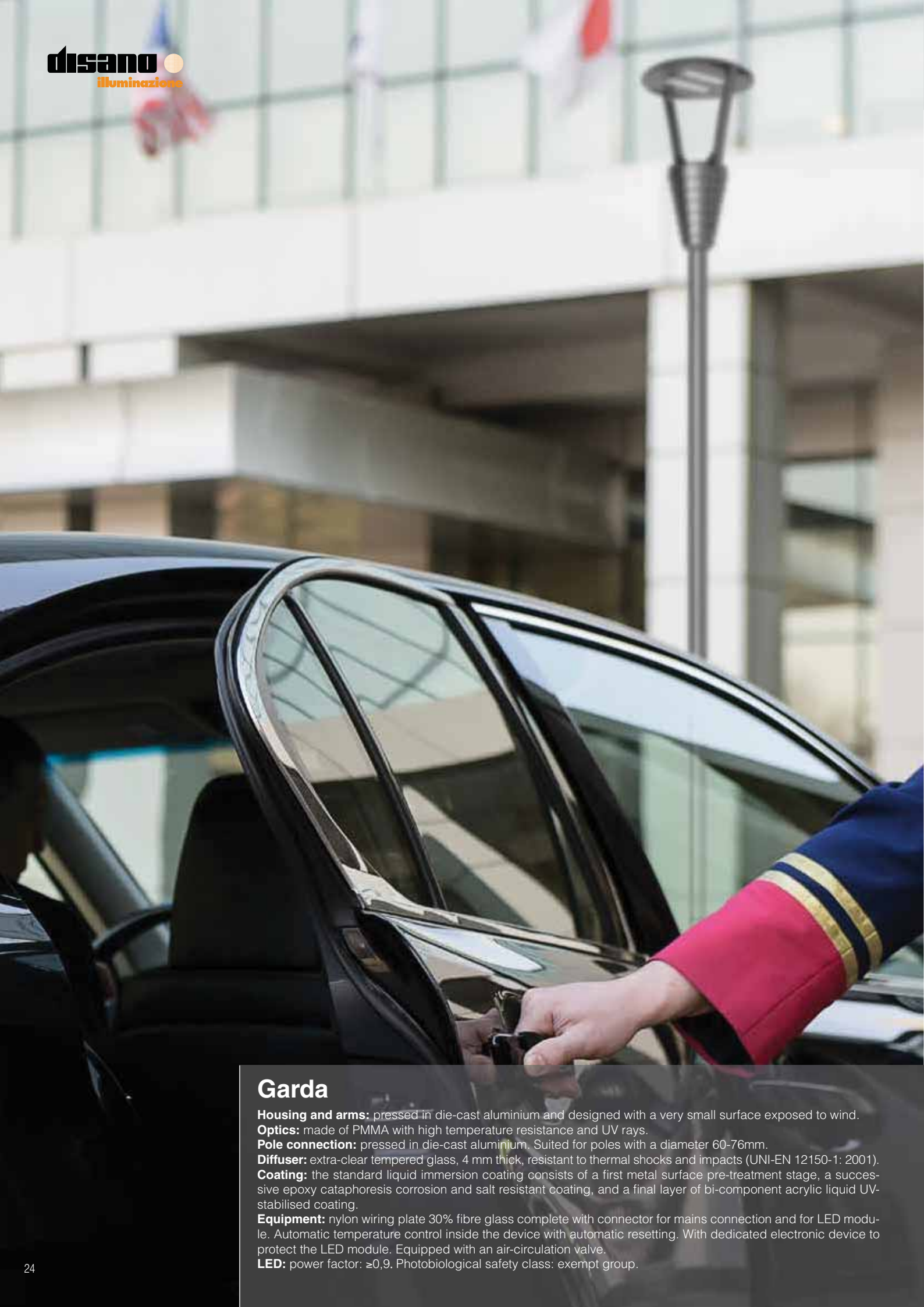


acc. 109 anti-glare shield

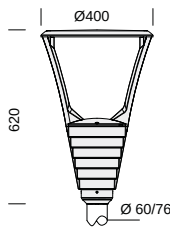
anthracite	991309-00
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To prevent glare effects. To be fitted when Garda is installed near a window.



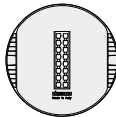


IP66IK09



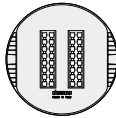
3351
3353
3350

16 LED



3351
3353
3350

32 LED



3350

48 LED



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



4000K

3000K

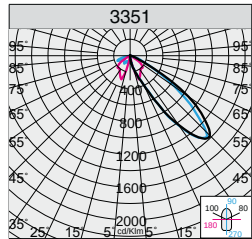
CRI
70

100.000h
L80B10

3351 Garda 2 - asymmetric

wattage	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)	
		weight	code		K - ølm - CRI	
LED	anthracite	5.70	330520-00	35	4000 K - 3773 lm - CRI 70	
			330520-39		3000 K - 3508 lm - CRI 70	
LED	anthracite	5.90	330521-00	66	4000 K - 7275 lm - CRI 70	
			330521-39		3000 K - 6765 lm - CRI 70	

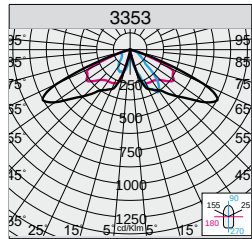
Upon request: possibility to control each individual light point.



3353 Garda 4 - cycleways + residential amenities

wattage	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)	
		weight	code		K - ølm - CRI	
LED	anthracite	5.70	330540-00	35	4000 K - 3525 lm - CRI 70	
			330540-39		3000 K - 3278 lm - CRI 70	
LED	anthracite	5.90	330541-00	66	4000 K - 6887 lm - CRI 70	
			330541-39		3000 K - 6404 lm - CRI 70	

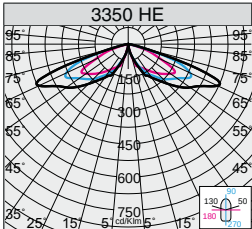
Upon request: possibility to control each individual light point.



3350 Garda 1 HE - wide beam

wattage	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)	
		weight	code		K - ølm - CRI	
LED	anthracite	5.70	330512-00	18	4000 K - 1823 lm - CRI 70	
			330512-39		3000 K - 1695 lm - CRI 70	
LED	anthracite	5.90	330513-00	31	4000 K - 3463 lm - CRI 70	
			330513-39		3000 K - 3221 lm - CRI 70	
LED	anthracite	5.90	330517-00	41	4000 K - 5193 lm - CRI 70	
			330517-39		3000 K - 4829 lm - CRI 70	

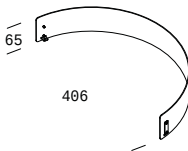
Upon request: possibility to control each individual light point.



acc. 109 anti-glare shield

anthracite	991312-00
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To prevent glare effects. To be fitted when Garda is installed near a window.



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 cathaphoresis 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.



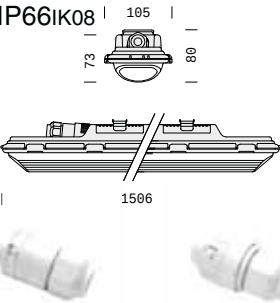
Ottima

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.

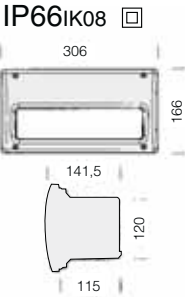
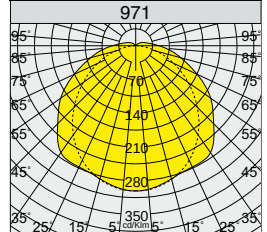
Ottima - Box 1



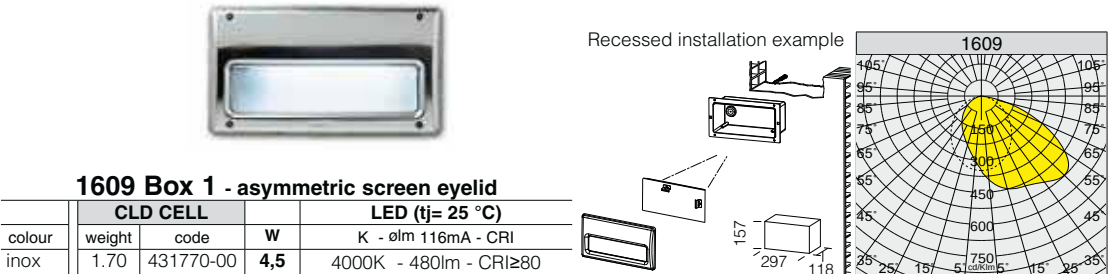
acc. 371 quick connector plug	
grey	998041-00
acc. 372 quick connector socket	
grey	998042-00
Always to be used for continuous line with wire. Cable gland with inlet cable 16A min. ø 9 max ø12 mm. 10 per pack.	



		971 Ottima				
		CLD CELL	CLD CELL-E	CLD CELLD-DALI	LUMEN OUTPUT (tq= 25 °C)	
colour	weight	code	code	code	W tot	K - ølm - CRI
grey	2,00	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



		1609 Box 1 - asymmetric screen eyelid				
		CLD CELL	LED (tj= 25 °C)			
colour	weight	code	W	K - ølm 116mA - CRI		
inox	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.

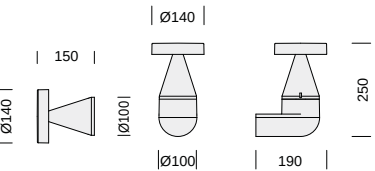
Diffuser: in vandal-resistant V2 self-extinguishing polycarbonate, UV-stabilized.

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.

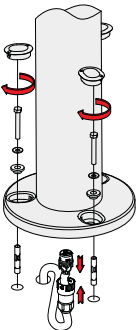
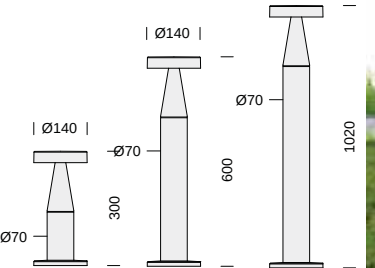
Equipment: complete with IP67 watertight connector for line connection. Easy and quick to install.

LED: Power factor $\geq 0,9$. Photobiological safety class: exempt group.

IP65IK08



IP65IK08

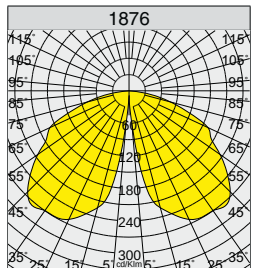


1873 Portofino - wall version

wattage	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		K - ølm (230V) - CRI
LED	graphite	0.80	511160-00	10	4000 K - 801 lm - CRI>80
			511160-39		3000 K - 745 lm - CRI>80

1871 Portofino - wall version

wattage	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		K - ølm (230V) - CRI
LED	graphite	1.80	511165-00	10	4000 K - 801 lm - CRI>80
			511165-39		3000 K - 745 lm - CRI>80



1874 Portofino - short version

wattage	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		K - ølm (230V) - CRI
LED	graphite	1.20	511140-00	10	4000 K - 801 lm - CRI>80
			511140-39		3000 K - 745 lm - CRI>80

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

1875 Portofino - medium version

wattage	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		K - ølm (230V) - CRI
LED	graphite	1.60	511150-00	10	4000 K - 801 lm - CRI>80
			511150-39		3000 K - 745 lm - CRI>80

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

1876 Portofino - tall version

wattage	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		K - ølm (230V) - CRI
LED	graphite	2.50	511155-00	10	4000 K - 801 lm - CRI>80
			511155-39		3000 K - 745 lm - CRI>80

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

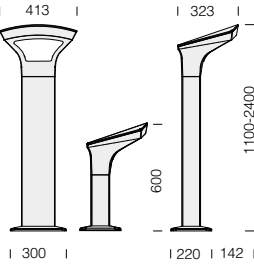
4000K

3000K

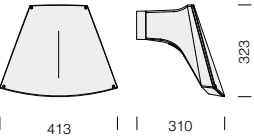
CRI
>80

50.000h
L70B50

IP66IK08



IP66IK08



4000K

CRI
80

50.000h
L50B50

1840 Bitta 1

wattage	colour	CLD CELL			W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code	h		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
LED	graphite		511436-00			
LED	anthracite		511437-00			
LED	corten		511435-2191			

1849 Bitta 3

wattage	colour	CLD CELL			W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code	h		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

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

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.

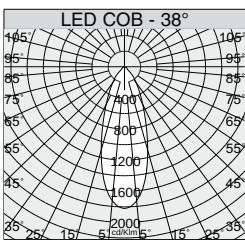


3000K

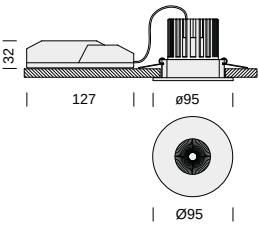
4000K

CRI
90

50.000h
L80B20



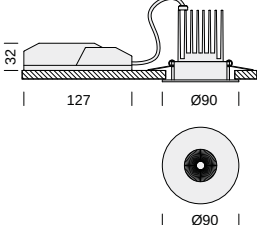
IP65 IK07



DRIVER IP20

min Ø 76
max Ø 92
BOX IP65
min Ø 84
max Ø 92

v.a. IP40 IK07
v.l. IP65 IK07



On request: chrome version:

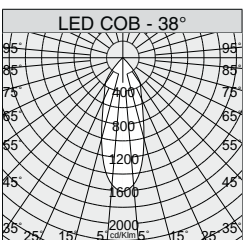


3000K

4000K

CRI
92

50.000h
L80B20



Snow 1					
		CLD CELL			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - 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		
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 - ølm - 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
Asso	pag.	42
Bell decor line	pag.	44
Vision 2.0	pag.	48
Venere	pag.	50
Slim cover	pag.	52
Liset 2.0	pag.	54
Slim Lex	pag.	56
Antares	pag.	58
Borealed	pag.	60
Comfort Panel	pag.	62
Spot M	pag.	64



Liset 2.0

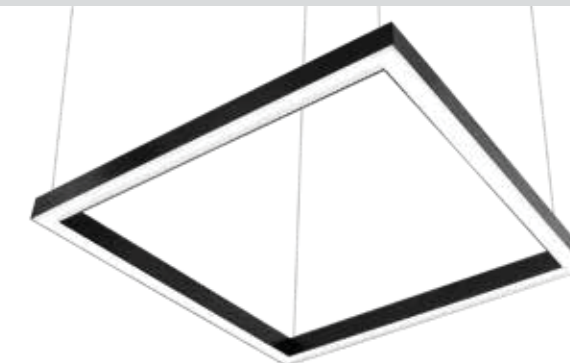
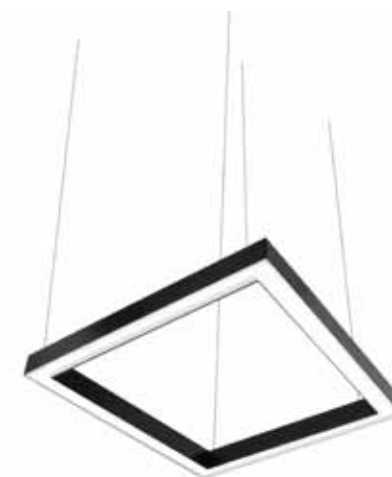
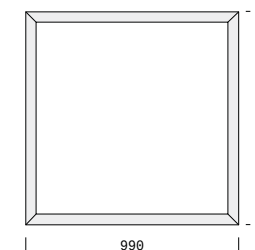
Liset 2.0 is a linear and modular lighting system that is easily customisable and capable of offering a series of lighting solutions in any setting, including retailing, artistic and cultural spaces or in entrance lobbies and/or hospitality facilities. Compact, elegant, flexible and small, **Liset 2.0** is simple to install as a recessed, ceiling, suspension or track lamp. It is available in three versions: with dark light lamellar optics with UGR<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: $\geq 0,92$. Photobiological safety class: Exempt group.

IP40 IK07 ▽

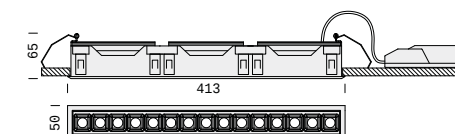


Liset 2.0 - C 4D	
LUMEN OUTPUT (tq= 25 °C)	
W tot	ølm
96	8672 lm



Other size on request

IP40 IK07 ▽ □ 42 x 407



M15 - recessed - UGR<19

		CLD CELL	LUMEN OUTPUT (tq= 25 °C)	
LED	colour	code	W tot	K - ølm - 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.

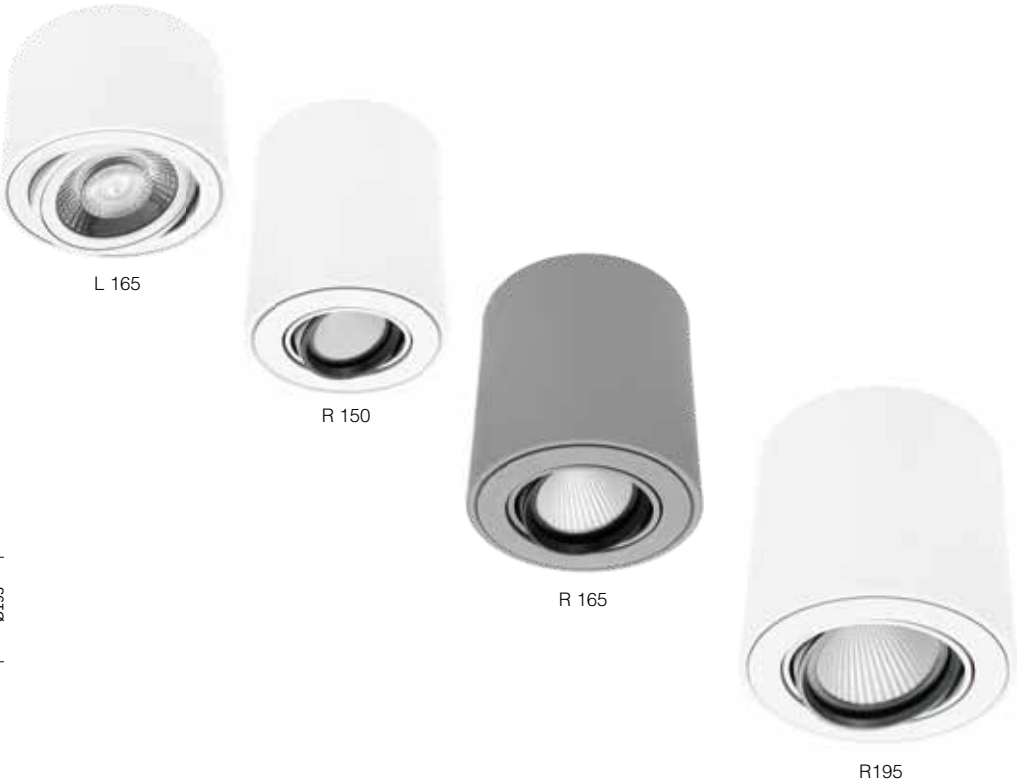
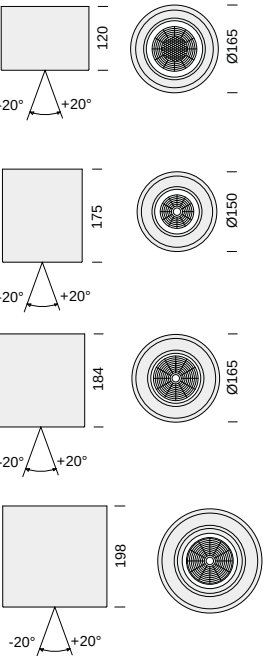




Themis

- 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.

IP20IK07 ▽ □



3000K

4000K

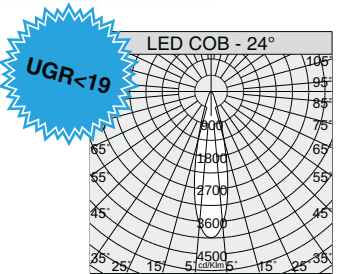
CRI 85

CRI 90

50.000h L80B20

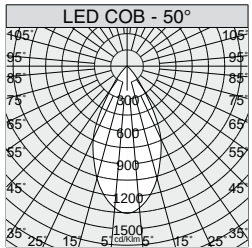
Themis L165 - adjustable with lens

LED	colour	CLD CELL		CLD CELLD-DIG (DALI)	W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code	code		K - ølm - CRI - degrees
COB	white	1,70	22071310-00	22071310-1241	25	3000 K - 2442 lm - CRI 85 - 24°
	grey		22071370-00	22071370-1241		
COB	white	1,70	22071310-68	22071310-6841	25	4000 K - 2613 lm - CRI 85 - 24°
	grey		22071370-68	22071370-6841		



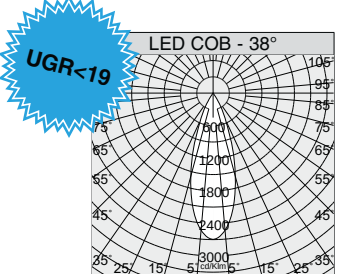
Themis R150 - adjustable with optic

LED	colour	CLD CELL		CLD CELLD-DIG (DALI)	W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code	code		K - ølm - CRI - degrees
COB	white	0,90	22071010-00	22071010-1241	24	3000 K - 1819 lm - CRI>90 - 50°
	grey		22071070-00	22071070-1241		
COB	white	0,90	22071010-68	22071010-6841	24	4000 K - 1946 lm - CRI>90 - 50°
	grey		22071070-68	22071070-6841		



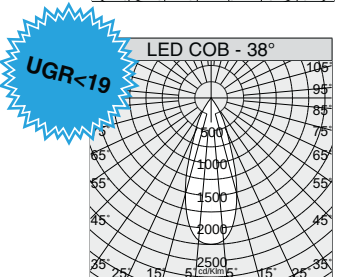
Themis R165 - adjustable with optic

LED	colour	CLD CELL		CLD CELLD-DIG (DALI)	W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code	code		K - ølm - CRI - degrees
COB	white	1,30	22071110-00	22071110-1241	33	3000 K - 2515 lm - CRI>90 - 38°
	grey		22071170-00	22071170-1241		
COB	white	1,30	22071110-68	22071110-6841	33	4000 K - 2641 lm - CRI>90 - 38°
	grey		22071170-68	22071170-6841		



Themis R195 - adjustable with optic

LED	colour	CLD CELL		CLD CELLD-DIG (DALI)	W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code	code		K - ølm - CRI - degrees
COB	white	1,70	22071210-00	22071210-1241	44	3000 K - 3424 lm - CRI>90 - 38°
	grey		22071270-00	22071270-1241		
COB	white	1,70	22071210-68	22071210-1241	44	4000 K - 3664 lm - CRI>90 - 38°
	grey		22071270-68	22071270-1241		





Strip LED

Strip LED: 24 V constant voltage stripe, ideal for application on aluminum extrusions but also for various decorative lighting applications such as cove lighting, façade accent lighting etc.

Features and benefits :

- Extremely narrow pitch distance enables short distance to diffuser and outstanding homogeneity
- High 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 noti included**

Strip LED



24 V

3000K

4000K

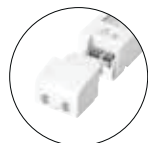
6500K

CRI
90

50.000h
L80B20

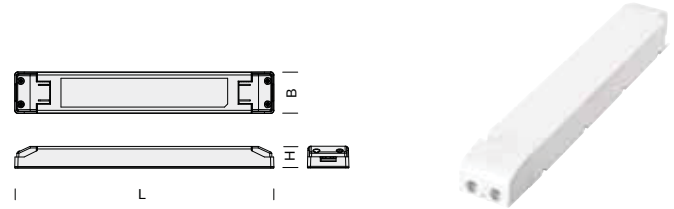
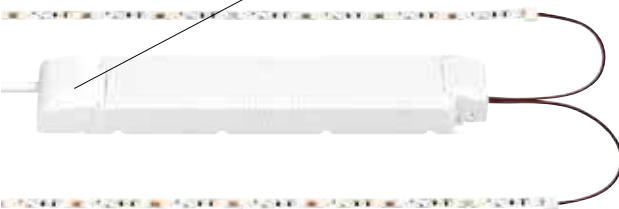


Strip - LED 24V - CRI>90						
CLD S+L						
wattage W/m	colour	tot. lenght	code	W/m	K - CRI - degrees	ølm/m
LED 6W	white	4,8 m	22485413-00	6	3000K - CRI>90 - 120°	600 lm/m
			22485414-00		4000K - CRI>90 - 120°	
			22485416-00		6500K - CRI>90 - 120°	
LED 10W	white	4,8 m	22485513-00	10	3000K - CRI>90 - 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 22028110-00

Connector with wire.



Corners connector

150x9,8x5,7 22028210-00

60x9,8x5,7 22028211-00

To connect Strip-LED to corners.



Continuous line connector

white 22028111-00

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

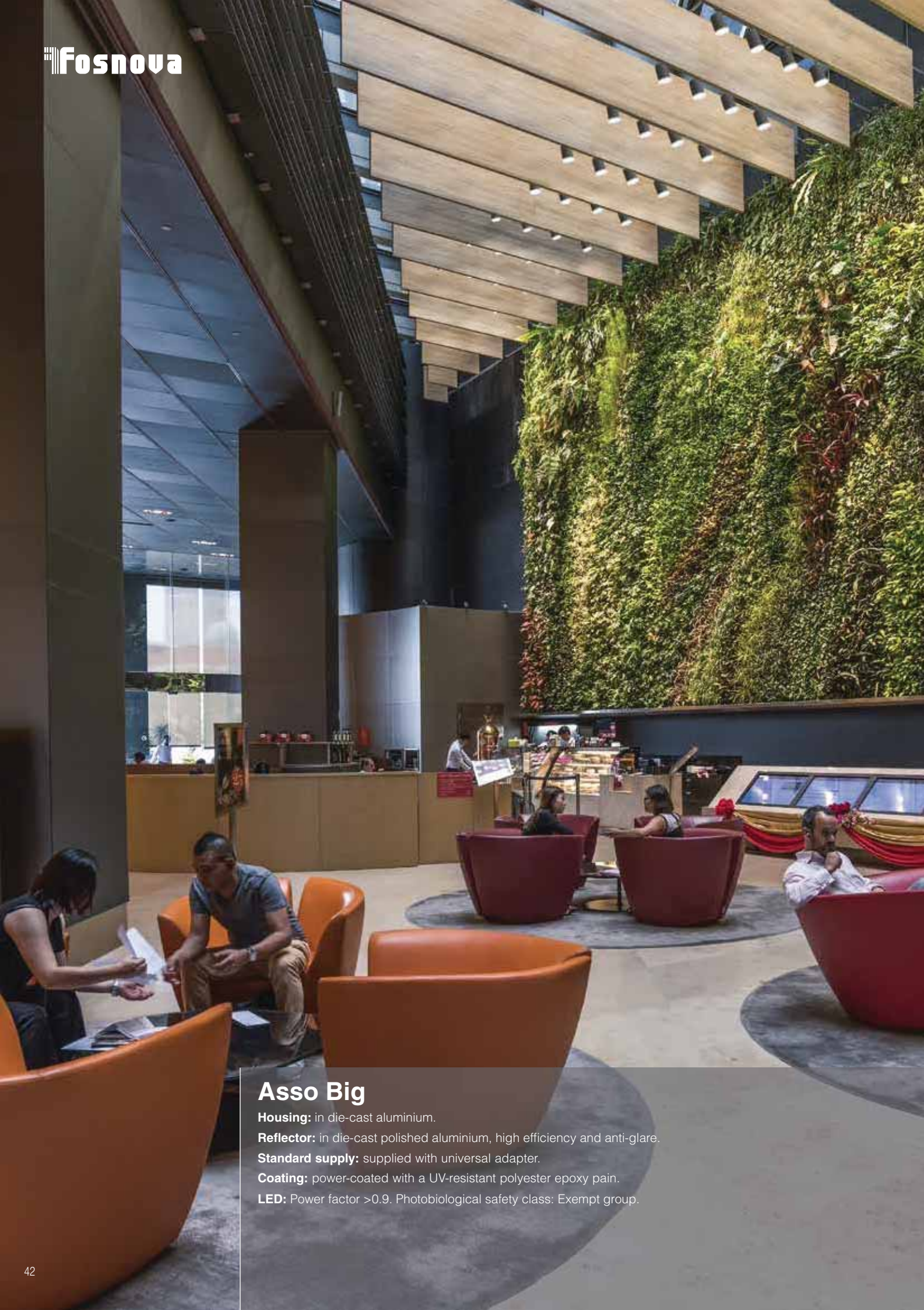
35W/24V	35W	0,15	43 - 30 - 195	22090235-1241
75W/24V	60W	0,18	43 - 30 - 225	22090260-1241

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

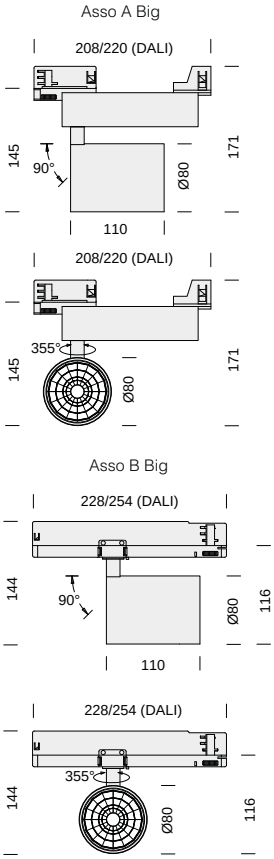
100W/24V	100W	0,26	43 - 30 - 295	22090210-12
150W/24V	150W	0,30	43 - 30 - 325	22090215-12



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

IP40 IK07



3000K

4000K

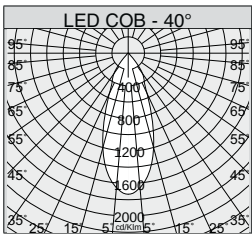
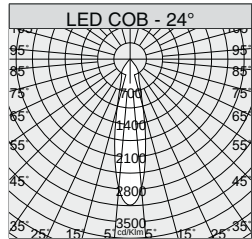
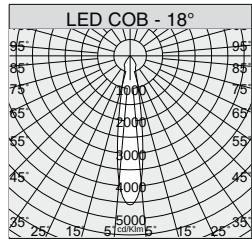
CRI >95

80.000h L80B20



Asso "A" - big

LED	colour	CLD CELL		CLD CELLD-DALI	W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code	code		K - ølm 700mA - CRI - gradi
COB	white	1,00	22040317-00	22040317-1241	27	3000 K - 2616 lm - CRI>95 - 18°
	black		22040337-00	22040337-1241		
COB	white	1,00	22040317-68	22040317-6841	27	4000 K - 2799 lm - CRI>95 - 18°
	black		22040337-68	22040337-6841		
COB	white	1,00	22040316-00	22040316-1241	27	3000 K - 2644 lm - CRI>95 - 24°
	black		22040336-00	22040336-1241		
COB	white	1,00	22040316-68	22040316-6841	27	4000 K - 2829 lm - CRI>95 - 24°
	black		22040336-68	22040336-6841		
COB	white	1,00	22040315-00	22040315-1241	27	3000 K - 2665 lm - CRI>95 - 40°
	black		22040335-00	22040335-1241		
COB	white	1,00	22040315-68	22040315-6841	27	4000 K - 2852 lm - CRI>95 - 40°
	black		22040335-68	22040335-6841		



Asso "B" - big

LED	colour	CLD CELL		CLD CELLD-DALI	W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code	code		K - ølm 700mA - CRI - gradi
COB	white	0,90	22043410-00	22043410-1241	27	3000 K - 2616 lm - CRI>95 - 18°
	black		22043430-00	22043430-1241		
COB	white	0,90	22043410-68	22043410-6841	27	4000 K - 2799 lm - CRI>95 - 18°
	black		22043430-68	22043430-6841		
COB	white	0,90	22043412-00	22043412-1241	27	3000 K - 2644 lm - CRI>95 - 24°
	black		22043432-00	22043432-1241		
COB	white	0,90	22043412-68	22043412-6841	27	4000 K - 2829 lm - CRI>95 - 24°
	black		22043432-68	22043432-6841		
COB	white	0,90	22043414-00	22043414-1241	27	3000 K - 2665 lm - CRI>95 - 40°
	black		22043434-00	22043434-1241		
COB	white	0,90	22043414-68	22043414-6841	27	4000 K - 2852 lm - CRI>95 - 40°
	black		22043434-68	22043434-6841		

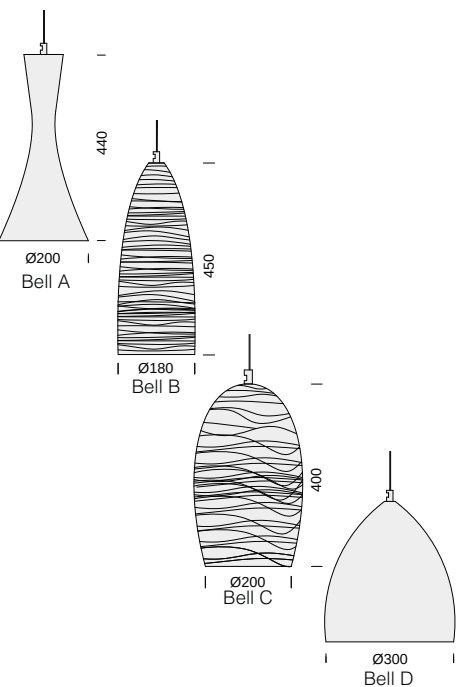


Bell decor line

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.



IP20 IK07



Bell A - DECOR LINE - suspension			
S			
LED	colour	lampholder	code
LED	shiny gold	E27	22222690-00
On request: white colour version.			

Bell B - DECOR LINE - suspension			
S			
LED	colour	lampholder	code
LED	shiny gold	E27	22222790-00
On request: white colour version.			

Bell C - DECOR LINE - suspension			
S			
LED	colour	lampholder	code
LED	shiny gold	E27	22222890-00
On request: white colour version.			

Bell D - DECOR LINE - suspension			
S			
LED	colour	lampholder	code
LED	shiny gold	E27	22222990-00
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.



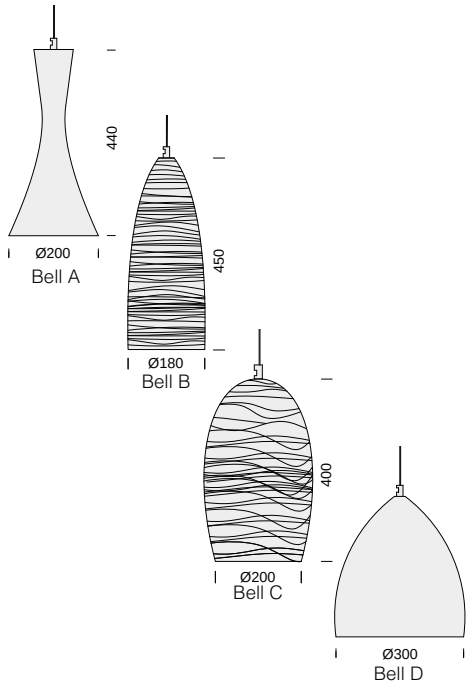
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Bell decor line



IP20 IK07



Bell A - DECOR LINE - suspension			
LED		S	
	colour	lampholder	code
LED	burnished black	E27	22222630-00
Sur demande : version de couleur blanche.			

Bell B - DECOR LINE - suspension			
LED		S	
	colour	lampholder	code
LED	burnished black	E27	22222730-00
Sur demande : version de couleur blanche.			

Bell C - DECOR LINE - suspension			
LED		S	
	colour	lampholder	code
LED	burnished black	E27	22222830-00
Sur demande : version de couleur blanche.			

Bell D - DECOR LINE - suspension			
LED		S	
	colour	lampholder	code
LED	burnished black	E27	22222930-00
Sur demande : version de couleur blanche.			

LED - E27



- Incandescent-like colour, soft light in 2200K-2700K.
- Energy-saving, long life.
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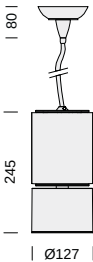


Vision 2.0

Housing: Die-cast aluminium with cooling vents.
Reflector: in matt aluminium, high efficiency and anti-glare.
Coating: Power-coated with a UV-resistant polyester epoxy pain.
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.



IP40 IK07



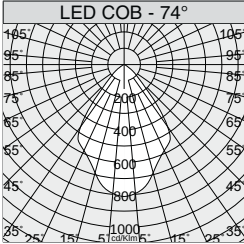
3000K

4000K

CRI 92

50.000h
L80B20

Vision 2.0 - suspension						
LED	colour	CLD CELL		CLD CELLD-DIG (DALI)	W tot	LUMEN OUTPUT (tg= 25 °C)
		weight	code	code		K - ølm - CRI - degrees
COB	white	3,00	22703310-00	22703310-1241	54	3000 K - 5217 lm - CRI 92 - 74°
	black		22703330-00	22703330-1241		
	m. silver		22703370-00	22703370-1241		
COB	white	3,00	22703311-00	22703311-1241	54	4000 K - 5592 lm - CRI 92 - 74°
	black		22703331-00	22703331-1241		
	m. silver		22703371-00	22703371-1241		





Venere

External housing: in semi-opal polyethylene.

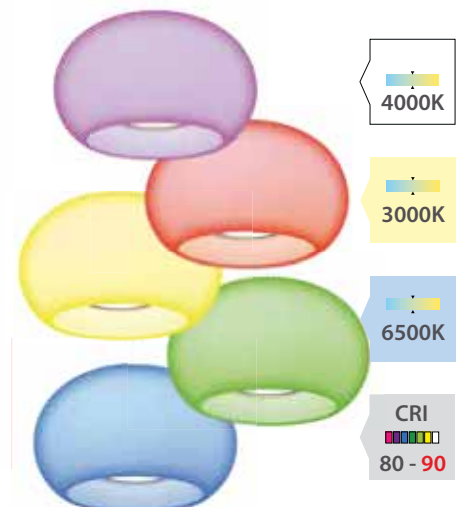
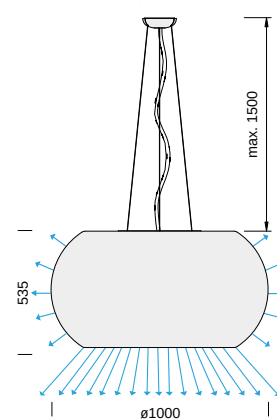
Internal reflector: made of V2 shatterproof and self-extinguishing clear polycarbonate, with anti-glare micro frosted finish.

Prismatic on the inside for improved light control, UV stabilized. Scratch-resistant coating.

Equipment: can be fixed directly onto the ceiling.

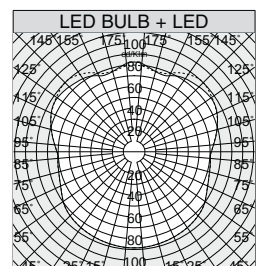
Available on request: double socket-pin terminal block for dual switching.

IP20 IK07



Venere - LED + Strip LED white color changing

LED	colour	CLD CELL-CASAMBI		W tot	LUMEN OUTPUT (tq= 25 °C)	
		weight	code		K - ølm - CRI	
LED Bulb + LED Strip	white	15,00	22212911-00	65	LED Bulb	3000K - 1055lm - CRI 80
					LED Strip	3000K - 1650lm - CRI 80
					LED Strip	4000K - 1375lm - CRI 80
LED COB + LED Strip	white	15,00	22212712-00	94	LED COB	3000K - 5000lm - CRI 90
					LED Strip	3000K - 1650lm - CRI 80
					LED Strip	4000K - 1375lm - CRI 80



Venere - LED + LED RGBW

LED	colour	CLD CELL-CASAMBI		W tot	LUMEN OUTPUT (tq= 25 °C)	
		weight	code		K - ølm - CRI	
LED Bulb + LED RGBW	white	14,20	22212910-00	67	LED Bulb	3000K - 1055lm - CRI 80
					LED RGBW	RGB+W (4000K- 1100lm)
LED COB + LED RGBW	white	14,20	22212710-00	96	LED COB	3000K - 5000lm - CRI 90
					LED RGBW	RGB+W (4000K- 1100lm)

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

NO GATEWAYS

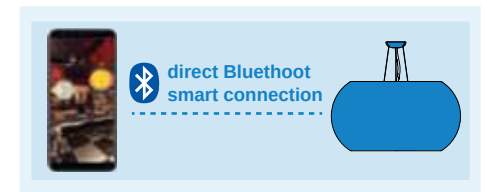
BLE was built for Internet of Things (IoT) and has been implemented in all modern smartphones, tablets and even smart watches since the beginning of 2012. This means that no gateway modules or any kind of dongle is needed to control lighting via BLE, which makes a BLE-based lighting control solution more cost effective than solutions built on other wireless technologies.

NETWORK STRUCTURE

The *Casambi* solution is based on a network structure. *Casambi* units are paired to networks. 127 units can be paired to one network. All the units that are physically in the same area, that the user 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 offline it is no longer considered to be part of the consensus group but once it comes back online it will join the group again and catch up with others. In this way the *Casambi* network is more like a consensus based synchronisation engine, rather than a classic mesh network. The communication range between two *Casambi* units is highly 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

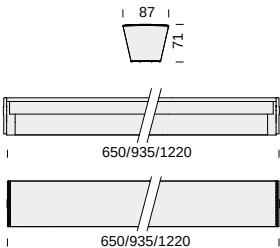
Simple shape, precious materials. Single lighting fixture. Suitable for installation in villas or luxury offices.

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		K - ølm (700mA) - CRI
LED 4 modules	white	22183710-00		22183710-1241	27	3000 K - 1856 lm - CRI 80
LED 6 modules		22183810-00		22183810-1241	41	3000 K - 2784 lm - CRI 80
LED 8 modules		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.

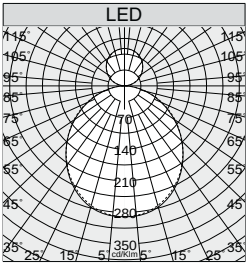
Liset 2.0



Liset 2.0 - suspension - direct - with polycarbonate diffuser

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

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



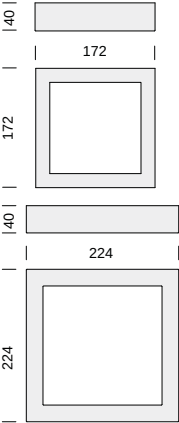


Slim Lex

This series of products was born to meet the increasingly demanding needs of modern lighting design projects for interiors. Lighting is required to be effective and flexible in order to define spaces according to the most diverse needs. Fixtures should have a remarkable visual impact with low running costs and long life cycle. They should generate special light effects such as accent lighting or ambient lighting.

- Housing:** in die cast aluminium.
- Diffuser:** panel in PMMA, 6 mm thick, with laser silk-screening suitably dimensioned based on the power level of the LED.
- LED:** Power factor ≥0,9. Photobiological safety class: Exempt group.

IP40 IK07

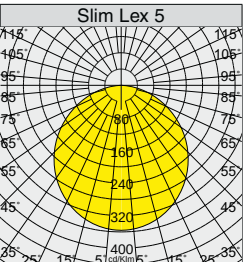


Slim Lex 5 small

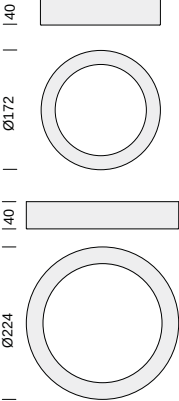
LED	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		K - ø lm - CRI
LED	white	0,60	22169414-00	12	4000 K - 900 lm - CRI 80
			22169413-00		3000 K - 837 lm - CRI 80

Slim Lex 5

		CLD CELL			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ø lm - CRI
LED	white	0,70	22169411-00	18	4000K - 1350 lm - CRI 80
			22169410-00		3000 K - 1256 lm - CRI 80
		CLD CELL-E (1h)			
LED	white	0,70	22169411-09	18	4000K - 1350 lm - CRI 80
			22169410-09		3000 K - 1256 lm - CRI 80
		CLD CELL-E (3h)			
LED	white	0,70	22169411-0957	18	4000K - 1350 lm - CRI 80
			22169410-0957		3000 K - 1256 lm - CRI 80



IP40 IK07

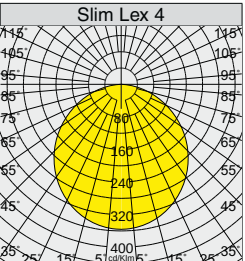


Slim Lex 4 small

LED	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		K - ø lm - CRI
LED	white	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)
LED	colour	weight	code	W tot	K - ø lm - CRI
LED	white	0,70	22169310-00	18	4000K - 1800 lm - CRI 80
			22169311-00		3000 K - 1674 lm - CRI 80
		CLD CELL-E (1h)			
LED	white	0,70	22169310-09	18	4000K - 1800 lm - CRI 80
			22169311-09		3000 K - 1674 lm - CRI 80
		CLD CELL-E (3h)			
LED	white	0,70	22169310-0957	18	4000K - 1800 lm - CRI 80
			22169311-0957		3000 K - 1674 lm - CRI 80



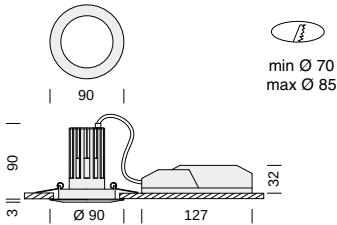


Antares IP54

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

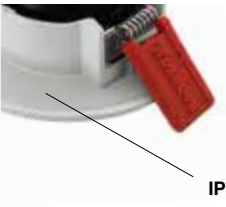


3000K

4000K

CRI 92

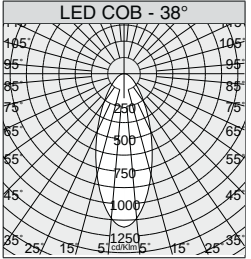
50.000h
L80B20



On request:
IP65 protection
rating with
silicone rubber
gasket

Antares - DIMM

LED	colour	CLD CELL-D (IGBT)		W tot	LUMEN OUTPUT (tq= 25 °C)	
		poids	code		K - ølm - CRI - degrees	
COB	white	0,30	22062410-00	10	3000 K - 671 lm - CRI 92 - 38°	
			22062411-00		4000 K - 743 lm - CRI 92 - 38°	



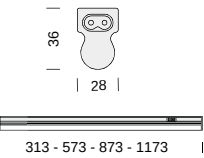


BoreaLED

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



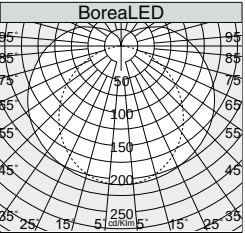
4000K

CRI 80

30.000h
L70B50

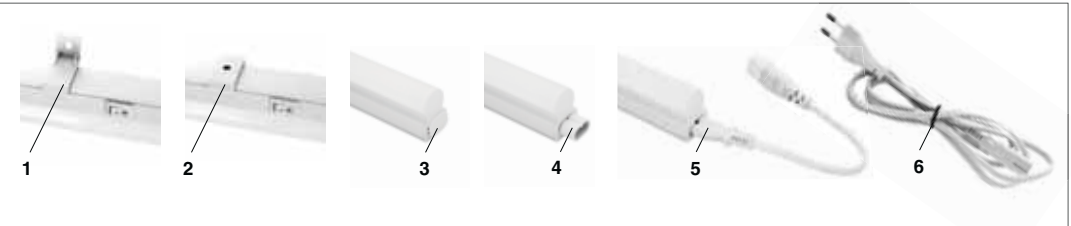
BoreaLED

LED	colour	CLD CELL			W tot	LUMEN OUTPUT (tq= 25 °C)	
		weight	L mm	code		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



Continuous line mounting with connector (4).

220-240V 50/60Hz

Possibility to connect up to 10 fixtures in continuous line.

Continuous line mounting with connector with wire (5).

Possibility to connect up to 10 fixtures in continuous line.

Wall mounting with bracket (1).

"Click"

d

d
290mm
550mm
850mm
1150mm

Ceiling mounting with bracket (2).

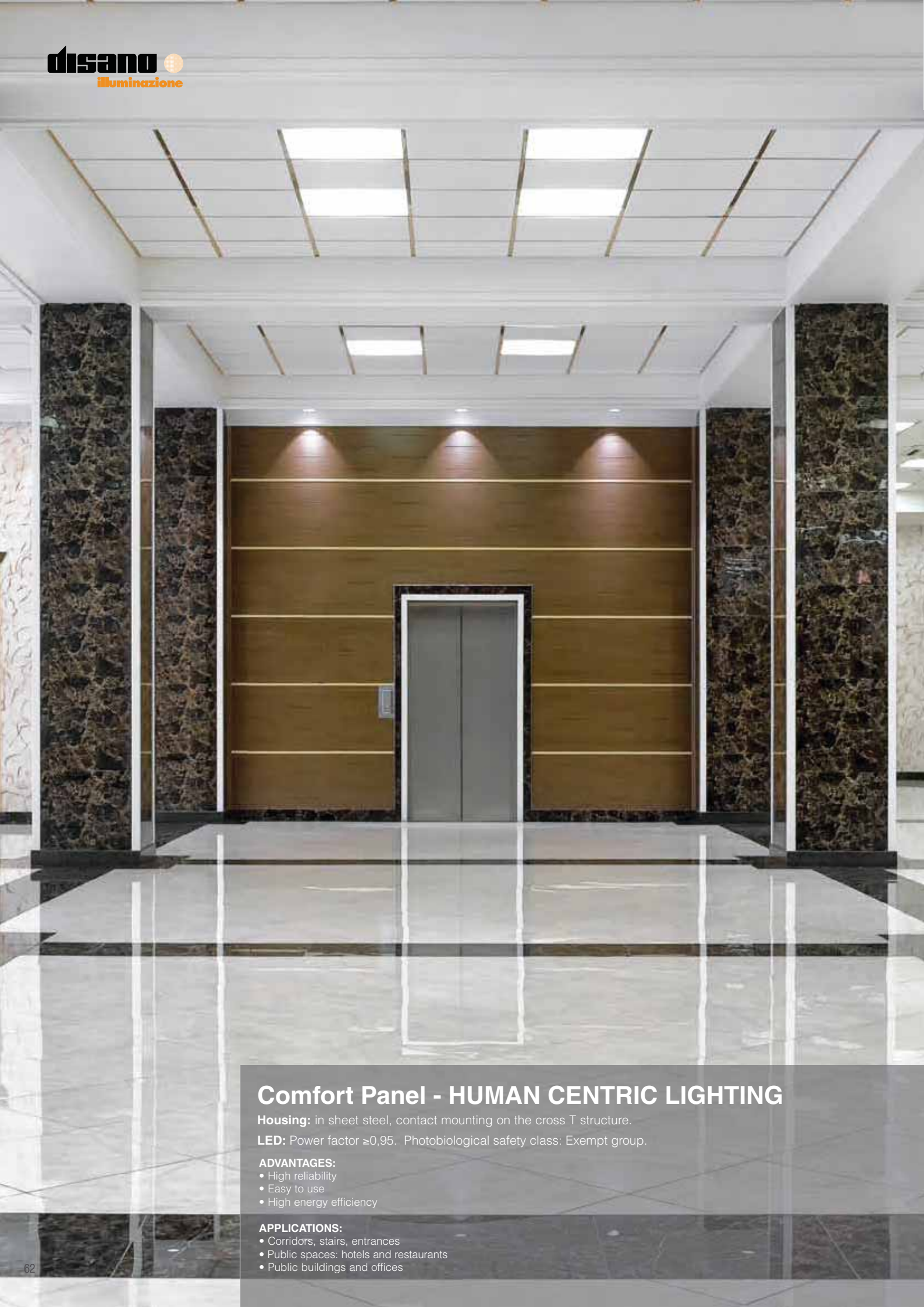
"Click"

d

d
290mm
550mm
850mm
1150mm

Possibility to switch lights ON/OFF independently.

ON OFF ON OFF ON OFF

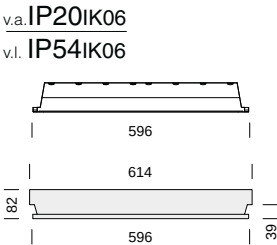


Comfort Panel - HUMAN CENTRIC LIGHTING

Housing: in sheet steel, contact mounting on the cross T structure.
LED: Power factor ≥0,95. Photobiological safety class: Exempt group.

- ADVANTAGES:**
- High reliability
 - Easy to use
 - High energy efficiency

- APPLICATIONS:**
- Corridors, stairs, entrances
 - Public spaces: hotels and restaurants
 - Public buildings and offices



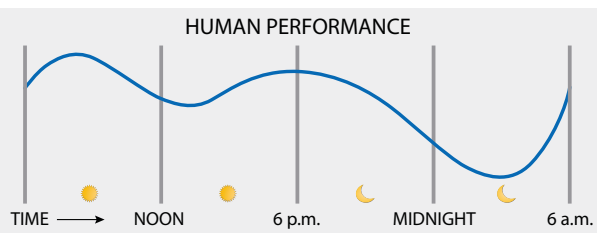
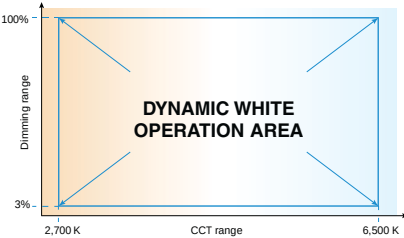
2700K
6500K
50.000h
L80B20

845 Comfort Panel HCL - BASIC					
		CLD CELL-D (DALI)		W	LED (tp= 45 °C)
wattage	colour	weight	code		K - ølm - CRI
LED	white	3.00	150223-0024	37	2700K÷6500K - 5000lm - CRI 90

845 Comfort Panel HCL - WIRELESS					
		CLD CELL-D (DALI)		W	LED (tp= 45 °C)
wattage	colour	weight	code		K - ølm - CRI
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

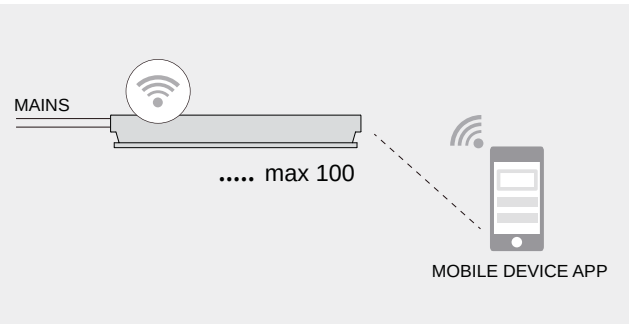


The Dynamic White function allows adjusting the colour temperature from 2700K to 6500K to create a sense of the passing of time (circadian rhythm) and to set the mood and ambience of a space according to our daily activities. Circadian lighting obtained with the Dynamic White function is the best solution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



UGR<19

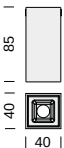
3000K

4000K

CRI
90

50.000h
L80B20

IP40 IK07



Spot M1-A - ceiling - UGR<19

LED	colour	CLD CELL	W	LUMEN OUTPUT (tq= 25 °C)
		code		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	W	LUMEN OUTPUT (tq= 25 °C)
		code		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	W	LUMEN OUTPUT (tq= 25 °C)
		code		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

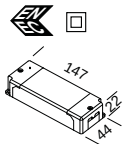
LED	colour	CLD CELL	W	LUMEN OUTPUT (tq= 25 °C)
		code		K - ølm - CRI - degrees
LED 3 modules	white	22510103-00	6	4000 K - 690 lm - CRI 90 - 20°
		22510103-39		3000 K - 642 lm - CRI 90 - 20°

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

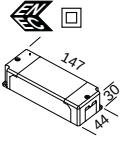
Spot M5 - ceiling - UGR<19

LED	colour	CLD CELL	W	LUMEN OUTPUT (tq= 25 °C)
		code		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.



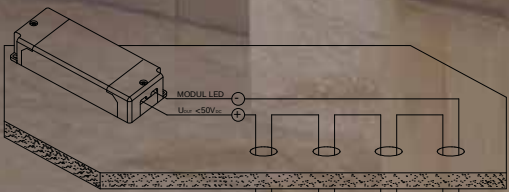
Driver ON-OFF	
white	22090812-00
Min. 2V - Max 44V-30W (700mA).	



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

Spot M

Spot M1 A - M1 B - M2 - M3 - M5				
Acc.	M1 A- M1 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 M1 - A	2W	3V
Spot M1 - B	2W	3V
Spot M2	4W	6V
Spot M3	6W	9V
Spot M5	10W	15V

★★★★★
Hotel
★★★★★

Accommodation



iSpot Thech pag. 68

iSpot Architectural pag. 68

Roby pag. 70

Compact pag. 72

Matrix Q pag. 74

Stilo pag. 76

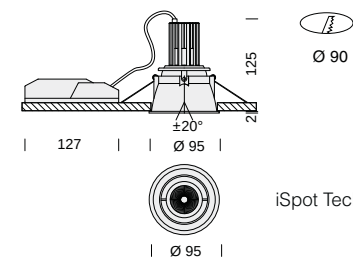
iSpot Hotel pag. 78

Curve pag. 80

Marte IP65 pag. 82

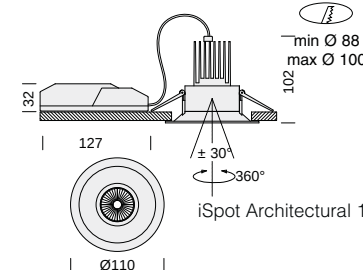
Snow IP65 pag. 84

IP40 IK04

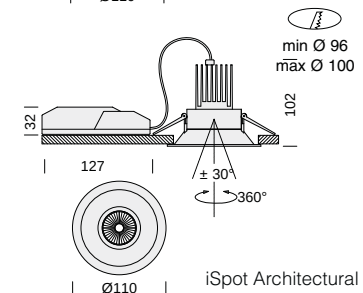


iSpot Tech

v.a. IP20 IK04
v.e. IP44 IK04



iSpot Architectural 1



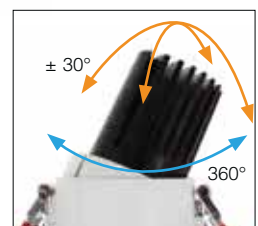
iSpot Architectural 2



iSpot Architectural 1



iSpot Architectural 2



iSpot Architectural 1-2

3000K

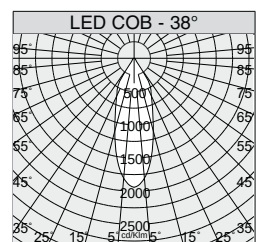
4000K

CRI 92

50.000h
L80B20

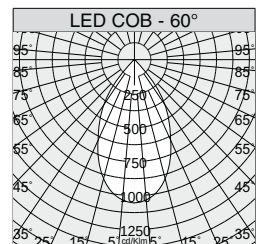
iSpot Tech 3 - DIMM

LED	colour	CLD CELL-D (IGBT)		W tot	LUMEN OUTPUT (tq= 25 °C)	
		weight	code		K - ølm - CRI - degrees	
COB	white	0,30	22167210-00	10	3000 K - 957 lm - CRI 92 - 38°	
			22167211-00		4000 K - 990 lm - CRI 92 - 38°	
COB	white	0,30	22167210-1241	10	3000 K - 957 lm - CRI 92 - 38°	
			22167211-1241		4000 K - 990 lm - CRI 92 - 38°	
COB	white	0,30	22167210-09	10	3000 K - 957 lm - CRI 92 - 38°	
			22167211-09		4000 K - 990 lm - CRI 92 - 38°	



iSpot Architectural 1 - DIMM

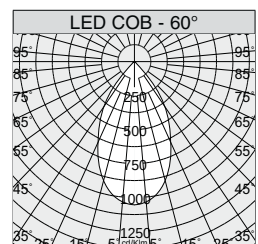
LED	colour	CLD CELL-D (IGBT)		W tot	LUMEN OUTPUT (tq= 25 °C)	
		weight	code		K - ølm - CRI - degrees	
COB	white	0,30	22167310-00	10	3000 K - 957 lm - CRI 92 - 60°	
			22167311-00		4000 K - 990 lm - CRI 92 - 60°	
COB	white	0,30	22167310-1241	10	3000 K - 957 lm - CRI 92 - 60°	
			22167311-1241		4000 K - 990 lm - CRI 92 - 60°	
COB	white	0,30	22167310-09	10	3000 K - 957 lm - CRI 92 - 60°	
			22167311-09		4000 K - 990 lm - CRI 92 - 60°	



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

iSpot Architectural 2 - DIMM

LED	colour	CLD CELL-D (IGBT)		W tot	LUMEN OUTPUT (tq= 25 °C)	
		weight	code		K - ølm - CRI - degrees	
COB	white	0,30	22167410-00	10	3000 K - 957 lm - CRI 92 - 60°	
			22167411-00		4000 K - 990 lm - CRI 92 - 60°	
COB	white	0,30	22167410-1241	10	3000 K - 957 lm - CRI 92 - 60°	
			22167411-1241		4000 K - 990 lm - CRI 92 - 60°	
COB	white	0,30	22167410-09	10	3000 K - 957 lm - CRI 92 - 60°	
			22167411-09		4000 K - 990 lm - CRI 92 - 60°	



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

iSpot Thech

Housing: made of die-cast aluminium.

Reflector: high-efficiency metallised polycarbonate.

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

iSpot Architectural

Housing: made of die-cast aluminium.

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

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



Roby

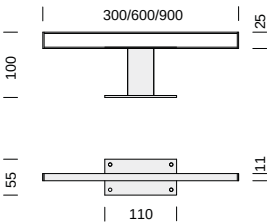
Linear wall sconce for a modern and contemporary design, ideal for bathroom mirror lighting or to provide accent lighting and emphasize decorative elements on vertical surfaces.

Housing: chrome sheet metal, specifically designed for wall mount applications.

Diffuser: in polycarbonate.

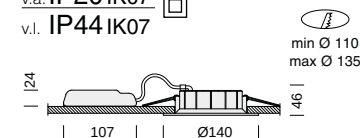


IP40IK08 ▽

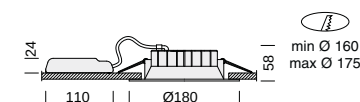


		Roby				
LED	colour	CLD CELL			W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	mm	code		K - ølm - CRI
LED	chrome	0,80	300	22085760-00	4	4000 K - 300 lm - CRI 80
		0,90	600	22085761-00	6	4000 K - 500 lm - CRI 80
		1,00	900	22085762-00		

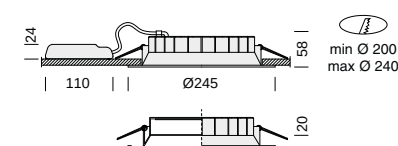
v.a. IP20 IK07
v.l. IP44 IK07



882 Compact Ø140



883 Compact Ø180



884 Compact Ø245



882 Compact Ø140



883 Compact Ø180



884 Compact Ø245

3000K

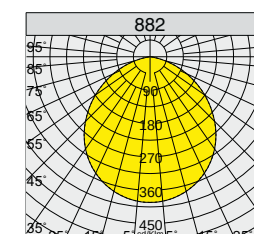
4000K

CRI
95

50.000h
L80B20

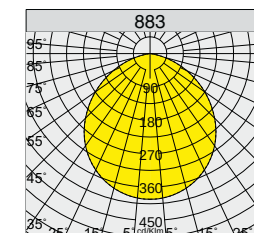
882 Compact - Ø140

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



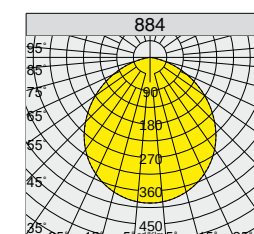
883 Compact - Ø180

wattage	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		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

wattage	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		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	4000K - 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.



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.



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.

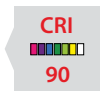
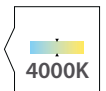
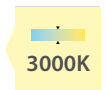
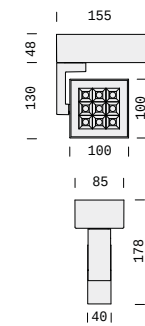
Optic compartment: front in black polycarbonate (the white colour version is available upon request).

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.

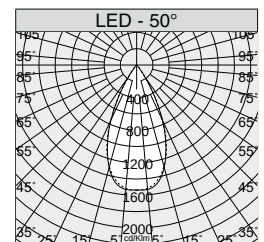
IP40 IK07 ▽



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	13 W
4000 K	22203310-00	767 lm	

Matrix Q10 DARK “D” - 20°

CRI>90			
3000 K	22203610-39	1285 lm	20 W
4000 K	22203610-00	1325 lm	



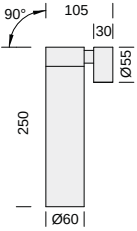
Stilo

Housing: in treated aluminium.
Upon request: in other colours.
LED: Luminous flux maintenance 80%: 50.000h (L80B20).

Stilo

Fosnova

IP40 IK07

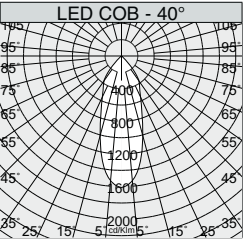


3000K

CRI 90

50.000h
L80B20

Stilo PA2 - adjustable base					
LED	colour	CLD CELL		LUMEN OUTPUT (tq= 25 °C)	
		weight	code	W tot	K - olm - CRI - degrees
COB	white	0,80	22041911-00	10	3000K - 893lm - CRI 90 - 40°
	black		22041931-00		
	chrome		22041961-00		
COB		CLD CELL-D (IGBT)		10	3000K - 893lm - CRI 90 - 40°
		0,80	22041910-00		
			22041930-00		
			22041960-00		



Other versions available

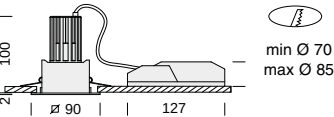
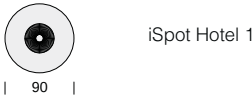
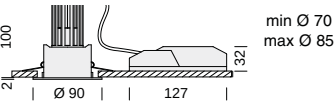




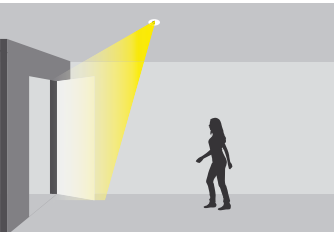
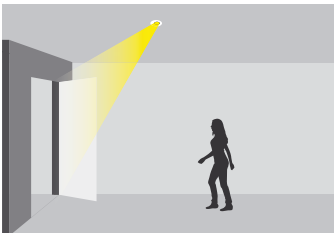
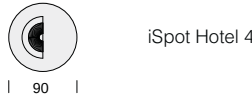
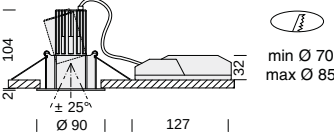
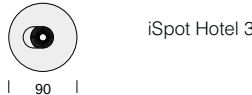
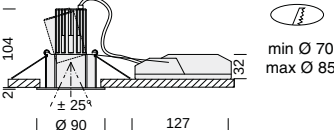
iSpot Hotel

Housing: made of die-cast aluminium.
Reflector: high-efficiency metallized polycarbonate.
LED: luminous flux maintenance 80% 50.000h (L80B20).
Power factor >0.9.

IP40IK04



v.a. IP20IK04
v.l. IP40IK04



iSpot Hotel 1



iSpot Hotel 2



iSpot Hotel 3

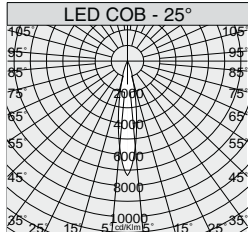


iSpot Hotel 4

iSpot Hotel 1 - DIMM

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

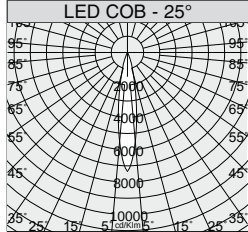
On request: available in black colour version.



iSpot Hotel 2 - DIMM

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

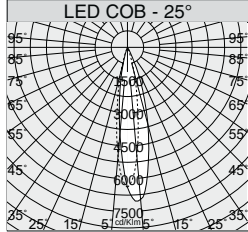
On request: available in black colour version.



iSpot Hotel 3 - DIMM

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

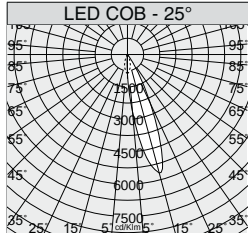
On request: available in black colour version.



iSpot Hotel 4 - DIMM

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

On request: available in black colour version.



3000K

4000K

CRI 92

50.000h L80B20



Curve

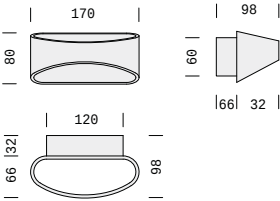
Relections of direct and indirect light on wall surfaces. Lighting to define routes and create decorative effects.

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

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



IP40 IK07 ▼

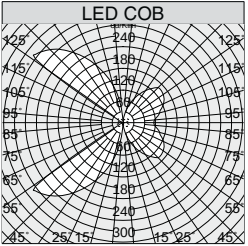


3000K

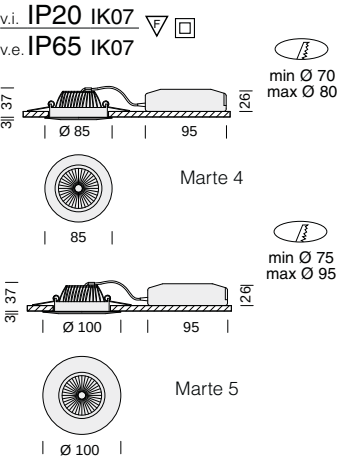
CRI 80

36.000h
L70B50

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



Marte IP65



3000K

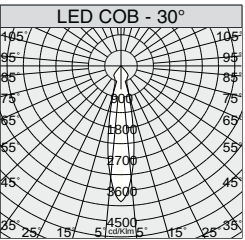
4000K

CRI 92

50.000h
L80B20

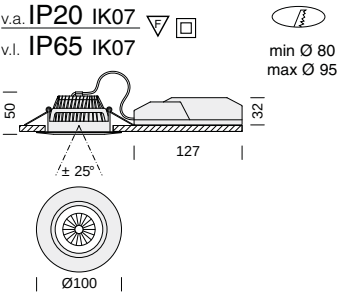
Marte 4 - CRI 92

		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°
		CLD CELLD-DIG (DALI)			
COB	white	0,25	22061810-1241	5	3000 K - 481 lm - CRI 92 - 30°
			22061810-6841		4000K - 515lm - CRI 92 - 30°
		CLD CELL-E (1h)			
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	2206 1811-00	6	3000 K - 642 lm - CRI 92 - 30°
			2206 1811-68		4000K - 687lm - CRI 92 - 30°
		CLD CELLD-DIG (DALI)			
COB	white	0,25	2206 1811-1241	6	3000 K - 642 lm - CRI 92 - 30°
			2206 1811-6841		4000K - 687lm - CRI 92 - 30°
		CLD CELL-E (1h)			
COB	white	0,25	2206 1811-09	6	3000 K - 642 lm - CRI 92 - 30°
			2206 1811-6809		4000K - 687lm - CRI 92 - 30°



3000K

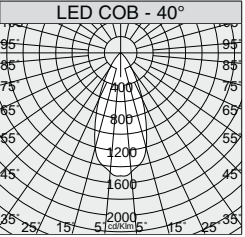
4000K

CRI 93

50.000h
L80B20

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°
		CLD CELLD-DIG (DALI)			
COB	white	0,35	22061804-1241	9	3000 K - 724 lm - CRI 93 - 40°
			22061804-6841		4000 K - 775 lm - CRI 93 - 40°
		CLD CELL-E (1h)			
COB	white	0,35	22061804-09	9	3000 K - 724 lm - CRI 93 - 40°
			22061804-6809		4000 K - 775 lm - CRI 93 - 40°



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.



IP65 protection
rating with silicone
rubber gasket

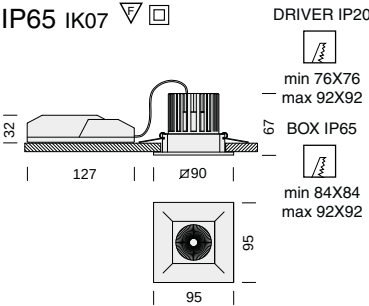


Snow IP65

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

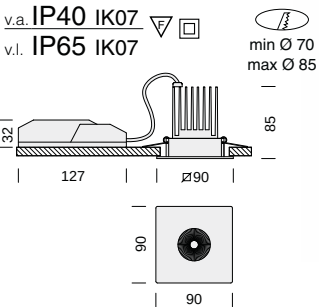
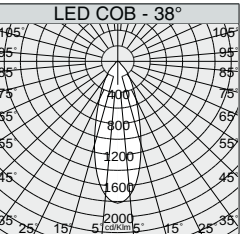
4000K

CRI 90

50.000h
L80B20

Snow 2					
		CLD CELL		LUMEN OUTPUT (tq= 25 °C)	
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,30	22082710-00	12	3000 K - 1070 lm - CRI 90 - 38°
	silver		22082770-00		
COB	white	0,30	22082710-68	12	4000 K - 1145 lm - CRI 90 - 38°
	silver		22082770-68		
		CLD CELLD-DIG (DALI)			
COB	white	0,30	22082710-1241	12	3000 K - 1070 lm - CRI 90 - 38°
	silver		22082770-1241		
COB	white	0,30	22082710-6841	12	4000 K - 1145 lm - CRI 90 - 38°
	silver		22082770-6841		

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



On request: chrome version



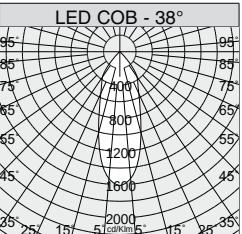
3000K

4000K

CRI 92

50.000h
L80B20

Snow 4 - DIMM					
		CLD CELL-D (IGBT)			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,30	22082713-00	10	3000 K - 957 lm - CRI 92 - 38°
	black		22082733-00		
COB	white	0,30	22082714-00	10	4000 K - 990 lm - CRI 92 - 38°
	black		22082734-00		
		CLD CELLD-DIG (DALI)			
COB	white	0,30	22082713-1241	10	3000 K - 957 lm - CRI 92 - 38°
	black		22082733-1241		
COB	white	0,30	22082714-1241	10	4000 K - 990 lm - CRI 92 - 38°
	black		22082734-1241		
		CLD CELL-E (1h)			
COB	white	0,30	22082713-09	10	3000 K - 957 lm - CRI 92 - 38°
	black		22082733-09		
COB	white	0,30	22082714-09	10	4000 K - 990 lm - CRI 92 - 38°
	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.

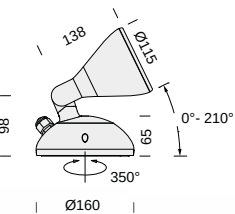
Graphite coating: the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cataphoresis corrosion and salt resistant coating, and a final layer of bi-component acrylic liquid UV-stabilised coating. **Grey 9006 and white:** the standard powder coating 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).



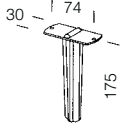
IP66IK08



acc. 119 spike

991335-00

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



2565 Podio - with reflector

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

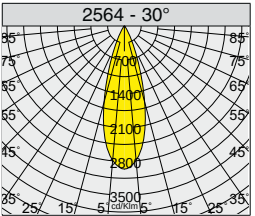
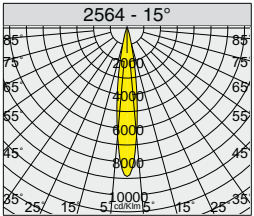
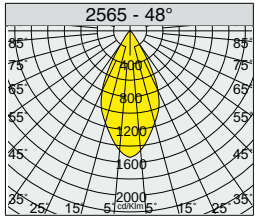
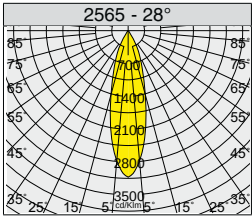
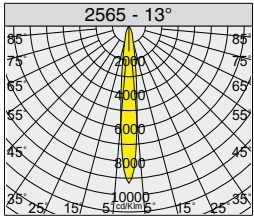
Reflector: in high-performance silver aluminium. On request: LED AMBER withb sub-code -73.

2564 Podio - with lens

wattage	colour	CLD CELL		W tot	LUMEN OUTPUT (Tq=25°C)
		weight	code		K - ølm 700mA - CRI - degrees
LED COB	grey 9006	1.50	422500-00	28	4000 K - 1843 lm - CRI 90 - 15°
	graphite		422501-00		
LED COB	grey 9006	1.50	422500-39	28	3000 K - 1750 lm - CRI 90 - 15°
	graphite		422501-39		
LED COB	grey 9006	1.50	422504-00	28	4000 K - 1923 lm - CRI 90 - 30°
	graphite		422505-00		
LED COB	grey 9006	1.50	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 withb sub-code -73.



4000K

3000K

CRI
90

50.000h
L80B20

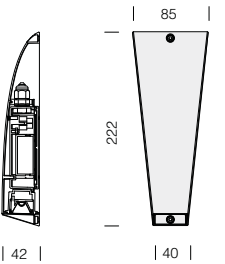


Spy

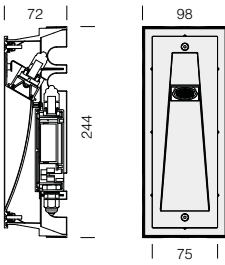
Housing: in die-cast aluminium.
Electric gear: supplied with inbuilt power supply.
LED: Luminous flux maintenance 70%: 25.000h (L70B50).



IP65 IK08



1675



1676



1675



1676

4000K

CRI
80

25.000h
L70B50

1675 Spy

LED	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		K - ølm (350mA) - CRI - degrees
LED	grey 9007	0.50	530672-00	1,2	4000 K - 150 lm - CRI 80 - 10°

1676 Spy

LED	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		K - ølm (350mA) - CRI - degrees
LED	grey 9007	0.50	530683-00	1,2	4000 K - 150 lm - CRI 80 - 24°



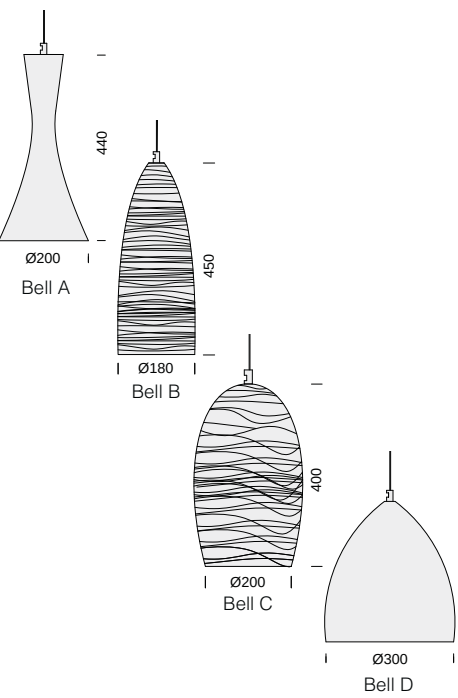
Bell decor line

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



IP20 IK07



Bell A - DECOR LINE - suspension			
		S	
LED	colour	lampholder	code
LED	shiny copper	E27	22222680-00
On request: white colour version.			

Bell B - DECOR LINE - suspension			
		S	
LED	colour	lampholder	code
LED	shiny copper	E27	22222780-00
On request: white colour version.			

Bell C - DECOR LINE - suspension			
		S	
LED	colour	lampholder	code
LED	shiny copper	E27	22222880-00
On request: white colour version.			

Bell D - DECOR LINE - suspension			
		S	
LED	colour	v	code
LED	shiny copper	E27	2222980-00
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.



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



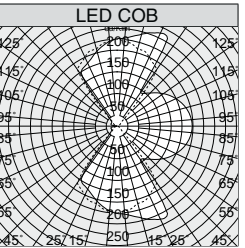
3000K

CRI 80

30.000h
L70B50

Ines

LED	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		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.

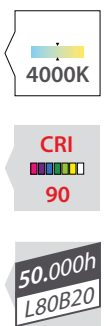
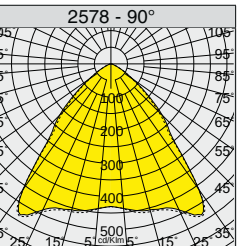
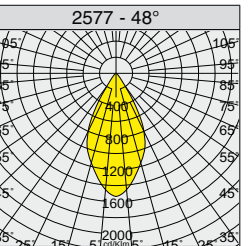
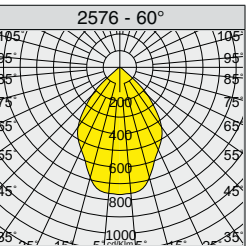
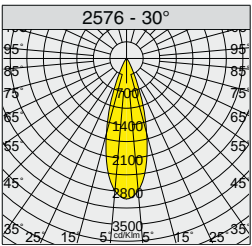
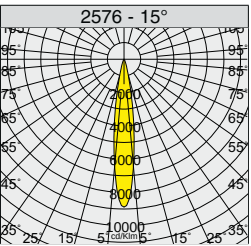
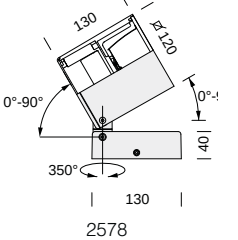
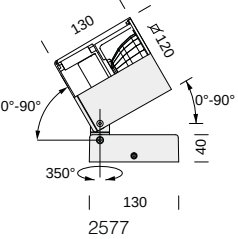
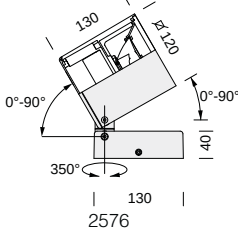
Upon request: coating compliant with UNI EN ISO 9227 Corrosion tests in artificial atmospheres for aggressive environments.

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

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

Square

IP66IK08



2576 Square - with lens

LED	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		K - ølm 1050mA - CRI - degrees
COB	white	2.50	431850-00	40	4000K - 2888lm - CRI 90 - 15°
	graphite		431851-00		
COB	white	2.50	431852-00	40	4000K - 3013lm - CRI 90 - 30°
	graphite		431853-00		
COB	white	2.50	431854-00	40	4000K - 2595lm - CRI 90 - 60°
	graphite		431855-00		

2577 Square - with reflector

LED	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		K - ølm 1050mA - CRI - degrees
COB	white	2.50	431864-00	40	4000K - 3021lm - CRI 90 - 13°
	graphite		431865-00		
COB	white	2.50	431862-00	40	4000K - 3116lm - CRI 90 - 28°
	graphite		431863-00		
COB	white	2.50	431860-00	40	4000K - 3111lm - CRI 90 - 48°
	graphite		431861-00		

2578 Square - with optic

LED	couleur	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		K - ølm 1050mA - CRI - degrees
COB	white	2.50	431870-00	40	4000K - 3152lm - CRI 90 - 90°
	graphite		431871-00		



Fashion

Housing: in die-cast aluminium.

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

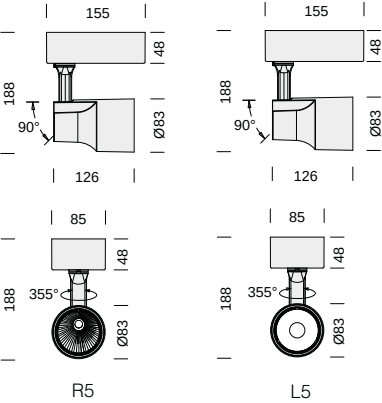
Version with lens: in PMMA with high efficiency output and very low glare rate

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

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

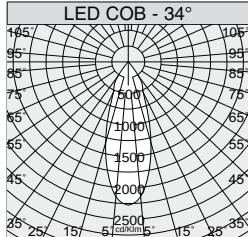
LED: high-efficiency light LED VIVID sources (CRI>95). The LED series was designed with a new technology that ensures uniform colour saturation. This is why these lamps are particularly suited in settings where reflections, transparencies, good colour and white quality are very important. Luminous flux maintenance 80%: 50.000h (L80B20). Power factor >0.9. Photobiological safety class: Exempt group

IP40 IK07



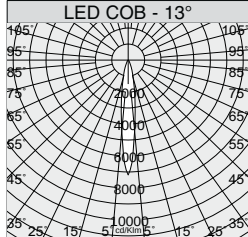
Fashion R5 - base with optic

		CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code		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)		W tot	LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code		
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		W tot	LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code		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)		W tot	LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code		
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).

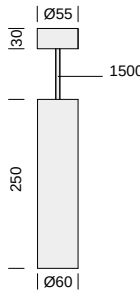


Stilo

Housing: in treated aluminium.
Upon request: in other colours.
LED: Luminous flux maintenance 80%: 50.000h (L80B20).



IP40IK07 ▾

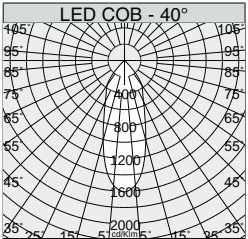


3000K

CRI 90

80.000h
L80B20

		Stilo SP2 - suspension		
LED	colour	CLD CELL	W tot	LUMEN OUTPUT (tq= 25 °C)
		weight code		K - ølm - CRI - degrees
COB	white	22041811-00	10	3000 K - 893 lm - CRI 90 - 40°
	black	22041831-00		
	chrome	22041861-00		
		CLD CELL-D (IGBT)		
COB	white	22041810-00	10	3000 K - 893 lm - CRI 90 - 40°
	black	22041830-00		
	chrome	22041860-00		





Trimless A

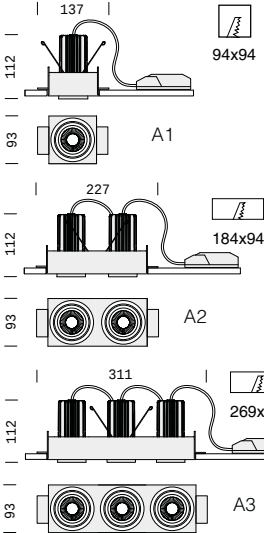
Housing: in die-cast aluminium with adjustable and tilting spotlights.

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

Reflector: high-efficiency metallised polycarbonate.

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

IP20IK07



Trimless 50 - A1

LED	colour	CLD CELL-D (1-10V)		W tot	LUMEN OUTPUT (tq= 25 °C)	
		weight	code		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

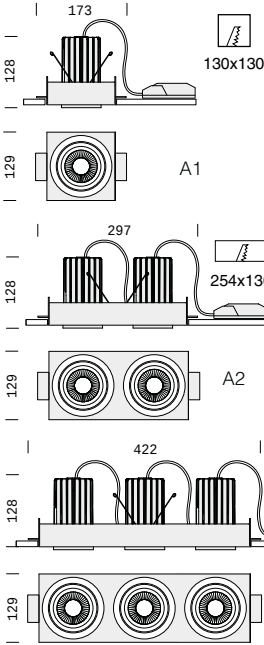
LED	colour	CLD CELL-D (1-10V)		W tot	LUMEN OUTPUT (tq= 25 °C)	
		weight	code		K - ølm - CRI - degrees	
COB	black	1,30	22105232-00	24	3000 K - 2x975 lm - CRI 90 - 25°	
			22105233-00		4000 K - 2x1005 lm - CRI 90 - 25°	

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

Trimless 50 - A3

LED	colour	CLD CELL-D (1-10V)		W tot	LUMEN OUTPUT (tq= 25 °C)	
		weight	code		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

LED	colour	CLD CELL-D (1-10V)		W tot	LUMEN OUTPUT (tq= 25 °C)	
		weight	code		K - ølm - CRI - degrees	
COB	black	1,00	22107130-00	25	3000 K - 2160 lm - CRI 90 - 21°	
			22107131-00		4000 K - 2225 lm - CRI 90 - 21°	

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

Trimless 70 - A2

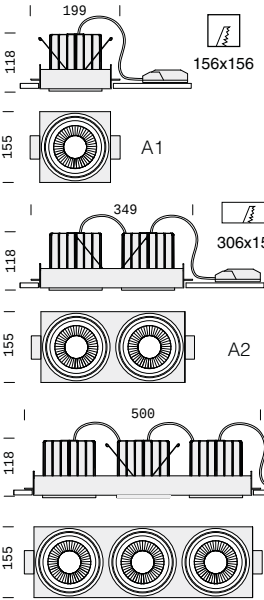
LED	colour	CLD CELL-D (1-10V)		W tot	LUMEN OUTPUT (tq= 25 °C)	
		weight	code		K - ølm - CRI - degrees	
COB	black	1,70	22107232-00	50	3000 K - 2x2160 lm - CRI 90 - 28°	
			22107233-00		4000 K - 2x2225 lm - CRI 90 - 28°	

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

Trimless 70 - A3

LED	colour	CLD CELL-D (1-10V)		W tot	LUMEN OUTPUT (tq= 25 °C)	
		weight	code		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

LED	colour	CLD CELL-D (1-10V)		W tot	LUMEN OUTPUT (tq= 25 °C)	
		weight	code		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

LED	colour	CLD CELL-D (1-10V)		W tot	LUMEN OUTPUT (tq= 25 °C)	
		weight	code		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

LED	colour	CLD CELL-D (1-10V)		W tot	LUMEN OUTPUT (tq= 25 °C)	
		weight	code		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.

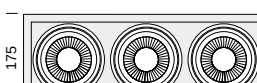
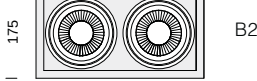
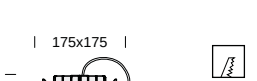
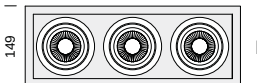
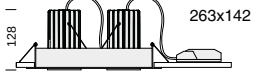
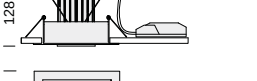
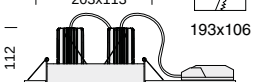
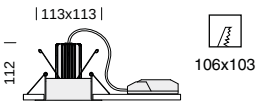
Equipment: equipped with galvanised steel support brackets which guarantee perfect attachment to suspended ceiling from 12 mm to 25 mm thick.

Reflector: high-efficiency metallised polycarbonate.

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

Trimless B

IP20IK07 ▽ □



Trimless 50 - B1				
LED	colour	CLD CELL-D (1-10V)		LUMEN OUTPUT (tq= 25 °C)
		weight	code	K - ølm - CRI - degrees
COB	noir	1,20	22105110-00	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				
LED	colour	CLD CELL-D (1-10V)		LUMEN OUTPUT (tq= 25 °C)
		weight	code	K - ølm - CRI - degrees
COB	noir	2,40	22105212-00	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				
LED	colour	CLD CELL-D (1-10V)		LUMEN OUTPUT (tq= 25 °C)
		weight	code	K - ølm - CRI - degrees
COB	noir	3,60	22105314-00	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				
LED	colour	CLD CELL-D (1-10V)		LUMEN OUTPUT (tq= 25 °C)
		weight	code	K - ølm - CRI - degrees
COB	noir	1,30	22107110-00	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				
LED	colour	CLD CELL-D (1-10V)		LUMEN OUTPUT (tq= 25 °C)
		weight	code	K - ølm - CRI - degrees
COB	noir	2,60	22107212-00	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				
LED	colour	CLD CELL-D (1-10V)		LUMEN OUTPUT (tq= 25 °C)
		weight	code	K - ølm - CRI - degrees
COB	noir	3,80	22107314-00	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				
LED	colour	CLD CELL-D (1-10V)		LUMEN OUTPUT (tq= 25 °C)
		weight	code	K - ølm - CRI - degrees
COB	noir	1,50	22111110-00	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.

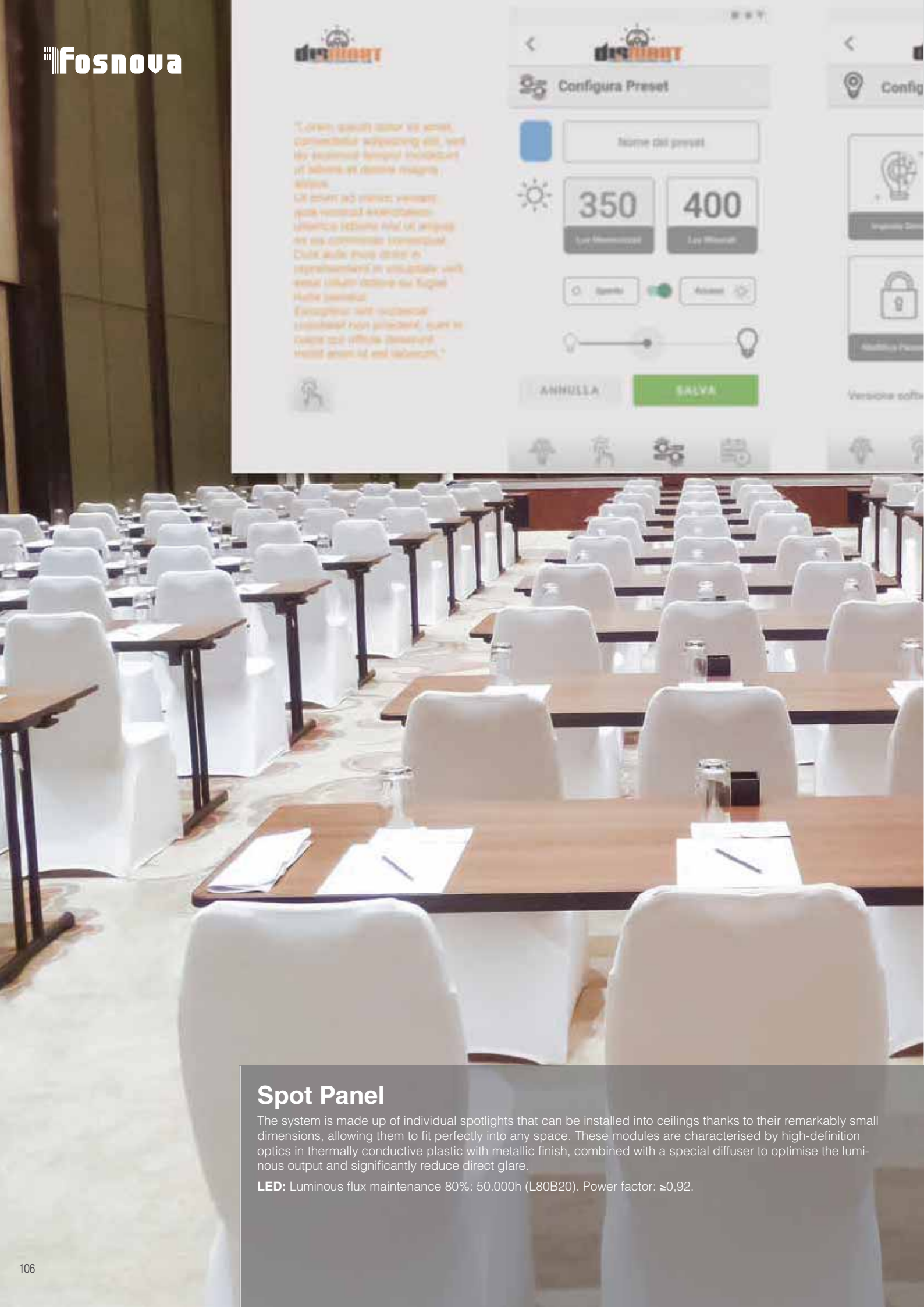
Trimless 111 - B2				
LED	colour	CLD CELL-D (1-10V)		LUMEN OUTPUT (tq= 25 °C)
		weight	code	K - ølm - CRI - degrees
COB	noir	2,80	22111212-00	3000 K - 2x3800 lm - CRI 90 - 25°
			22111213-00	4000 K - 2x3900 lm - CRI 90 - 25°

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

Trimless 111 - B3				
LED	colour	CLD CELL-D (1-10V)		LUMEN OUTPUT (tq= 25 °C)
		weight	code	K - ølm - CRI - degrees
COB	noir	4,00	22111314-00	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.





Spot Panel

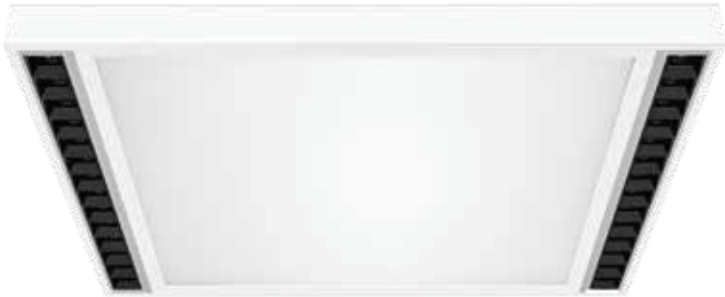
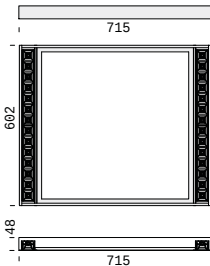
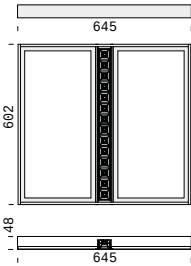
The system is made up of individual spotlights that can be installed into ceilings thanks to their remarkably small dimensions, allowing them to fit perfectly into any space. These modules are characterised by high-definition optics in thermally conductive plastic with metallic finish, combined with 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

UGR<19

IP40 IK07



3000K

4000K

CRI 90

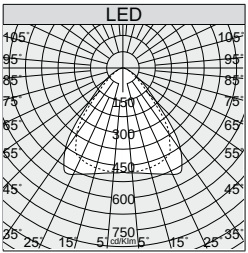
50.000h L80B20



Spot panel 1 - ceiling - UGR<19

		CLD CELL (ON-OFF)			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
14 modules	white	7,10	22530101-00	51	4000K - 5400lm - CRI 90
			22530101-39		3000K - 5022lm - CRI 90
		CLD CELLD-DIG (DALI)			
14 modules	white	7,10	22530101-1241	51	4000K - 5400lm - CRI 90
			22530101-3941		3000K - 5022lm - CRI 90
		CLD CELL-E (1h)			
14 modules	white	7,10	22530101-09	51	4000K - 5400lm - CRI 90
			22530101-0928		3000K - 5022lm - CRI 90

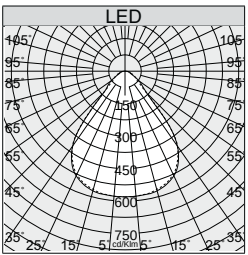
78° comfort module. **On request:** 54° version. Driver inside.
On request: possibility of separate ON/OFF switch.

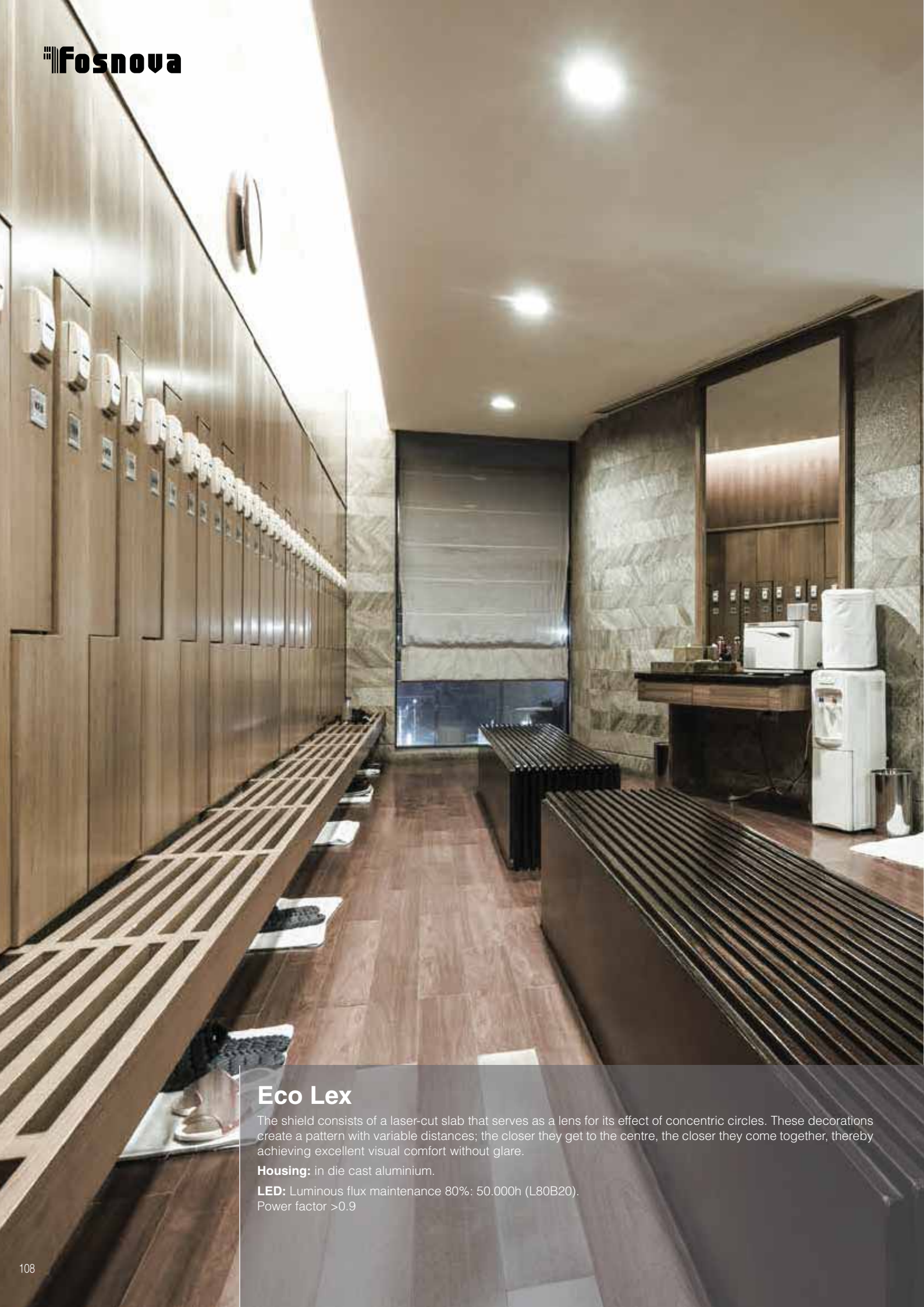


Spot panel 2 - ceiling - UGR<19

		CLD CELL (ON-OFF)			LUMEN OUTPUT (tq= 25 °C)	
LED	colour	weight	code	W tot	K - ølm - CRI - degrees	
28 modules	white	8,20	22540101-00	56	4000K - 5930lm - CRI 90	
			22540101-39		3000K - 5515lm - CRI 90	
		CLD CELLD-DIG (DALI)				
28 modules	white	8,20	22540101-1241	56	4000K - 5930lm - CRI 90	
			22540101-3941		3000K - 5515lm - CRI 90	
		CLD CELL-E (1h)				
28 modules	white	8,20	22540101-09	56	4000K - 5930lm - CRI 90	
			22540101-0928		3000K - 5515lm - CRI 90	

78° comfort module. **On request:** 54° version. Driver inside.
On request: possibility of separate ON/OFF switch.





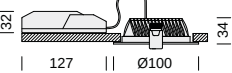
Eco Lex

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

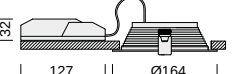
v.a. IP20 IK07
v.l. IP44 IK07



Eco Lex



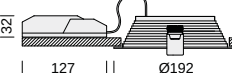
min Ø 90
max Ø 96



Eco Lex 1



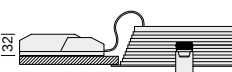
min Ø 142
max Ø 162



Eco Lex 2



min Ø 170
max Ø 190



Eco Lex 3



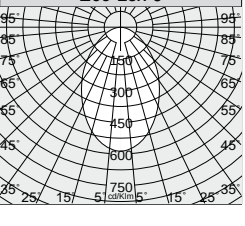
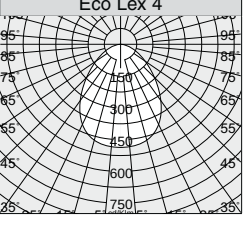
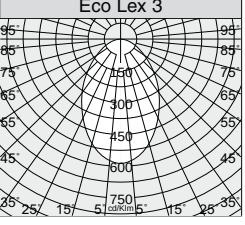
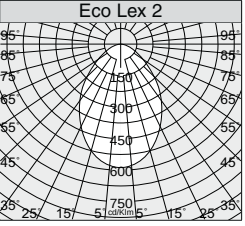
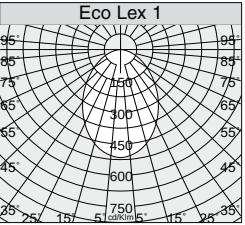
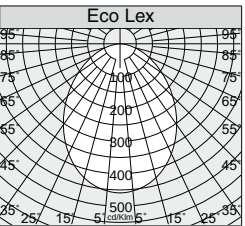
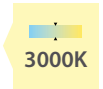
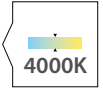
min Ø 198
max Ø 216



Eco Lex 4 - 6



min Ø 220
max Ø 240



Eco Lex

LED	colour	CLD CELL-D (IGBT)		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		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

LED	colour	CLD CELL-D (IGBT)		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		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

LED	colour	CLD CELL-D (IGBT)		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		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

LED	colour	CLD CELL-D (IGBT)		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		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

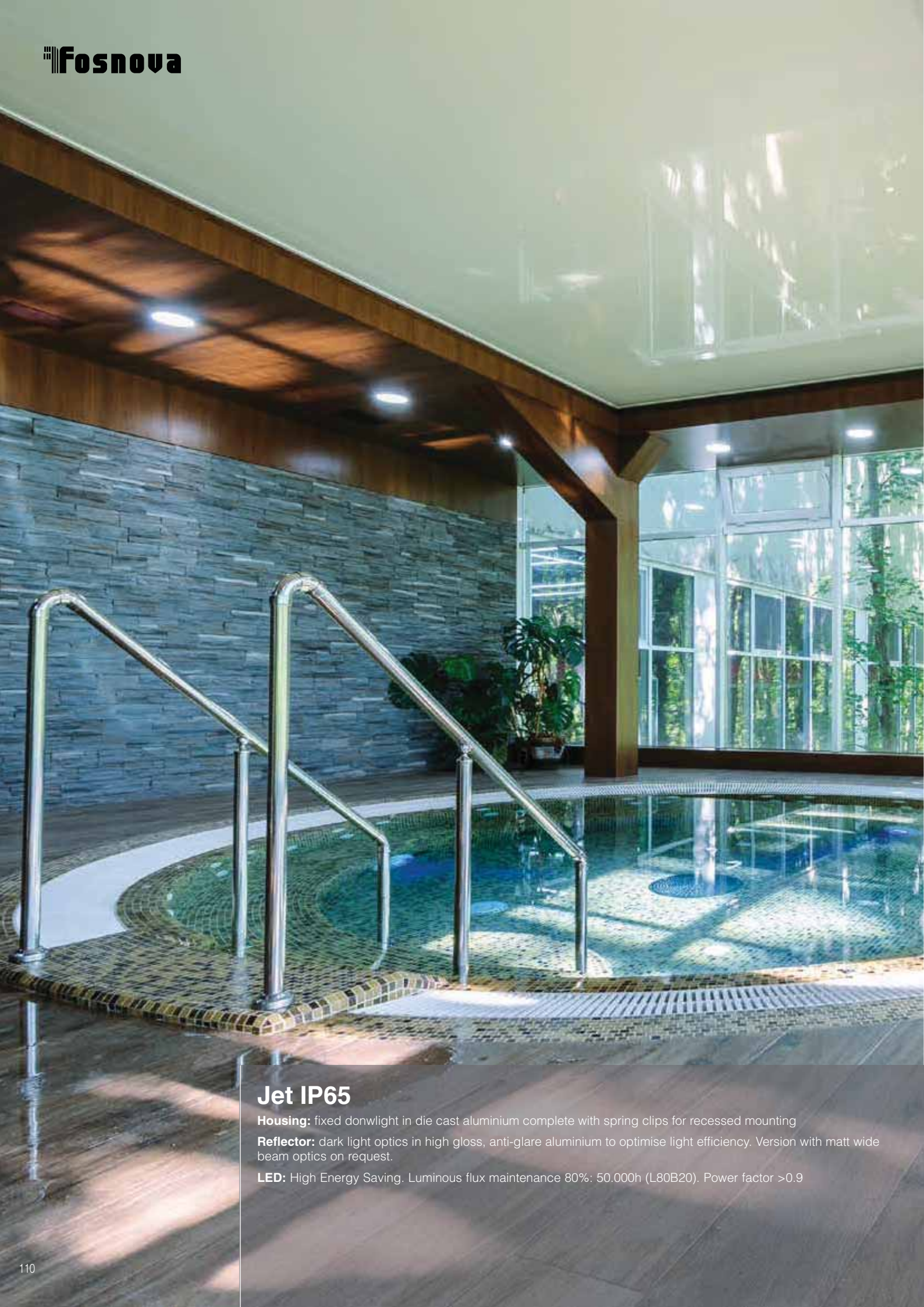
LED	colour	CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		K - ø lm - CRI
LED	white	1,00	22174901-00	32	4000 K - 3320 lm - CRI 90
			22174902-00		3000 K - 3135 lm - CRI 90

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

Eco Lex 6

LED	colour	CLD CELL-D (IGBT)		W tot	LUMEN OUTPUT (tq= 25 °C)
		weight	code		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

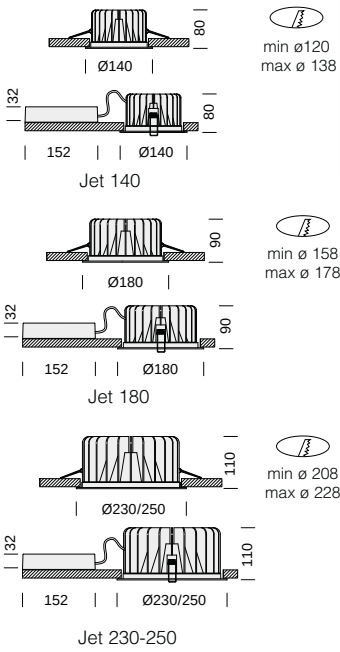
On request: DIMM-DALI version with sub-code -1241 and EM 1h with sub-code -09.



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 140



Jet 180



Jet 230-250

3000K

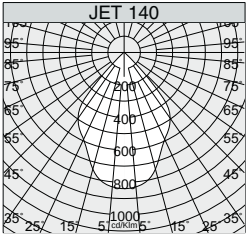
4000K

CRI 80

50.000h L80B20

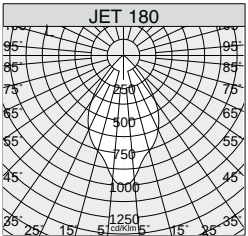
Jet 140

		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	
		CLD CELLD-DIG (DALI)				
COB	white	0,90	22065612-3941		25	3000 K - 1760 lm - CRI 80
			22065612-1241			4000 K - 1892 lm - CRI 80



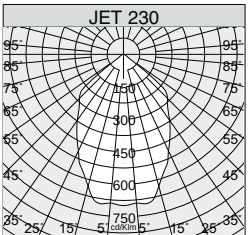
Jet 180

		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		
		CLD CELLD-DIG (DALI)					
COB	white	1,45	22065613-3941		35	3000 K - 3186 lm - CRI 80	
			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	
		CLD CELLD-DIG (DALI)				
COB	white	2,20	22065616-3941		50	3000 K - 5193 lm - CRI 80
			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	
		CLD CELLD-DIG (DALI)				
COB	white	2,25	22065618-3941		50	3000 K - 5193 lm - CRI 80
			22065618-1241			4000 K - 5584 lm - CRI 80



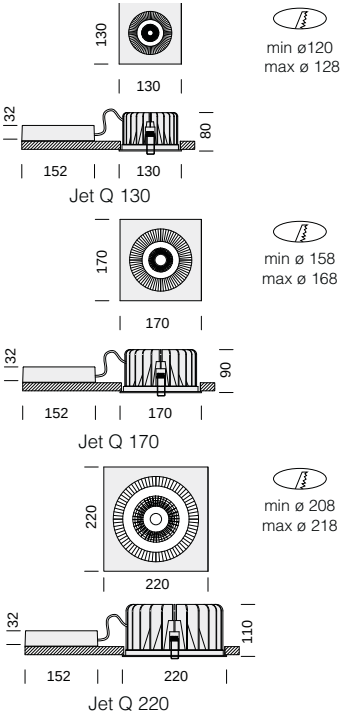
Jet IP65

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



Jet Q 130



Jet Q 170



Jet Q 250

3000K

4000K

CRI 80

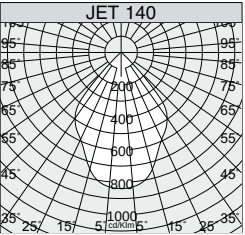
50.000h L80B20

Version with matt wide beam optics on request.



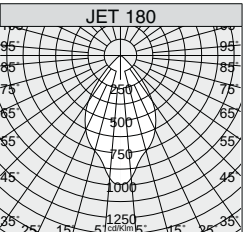
Jet Q 130

		CLD CELL			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
COB	white	0,90	22065712-39	25	3000 K - 1760 lm - CRI 80
			22065712-00		4000 K - 1892 lm - CRI 80
		CLD CELLD-DIG (DALI)			
COB	white	0,90	22065712-3941	25	3000 K - 1760 lm - CRI 80
			22065712-1241		4000 K - 1892 lm - CRI 80



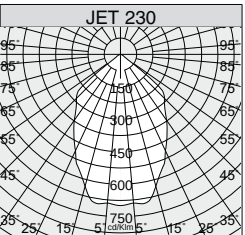
Jet Q 170

		CLD CELL			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
COB	white	1,45	22065713-39	35	3000 K - 3186 lm - CRI 80
			22065713-00		4000 K - 3423 lm - CRI 80
		CLD CELLD-DIG (DALI)			
COB	white	1,45	22065713-3941	35	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	weight	code	W tot	K - ølm - CRI	
COB	white	2,20	22065716-39	50	3000 K - 5193 lm - CRI 80	
			22065716-00		4000 K - 5584 lm - CRI 80	
		CLD CELLD-DIG (DALI)				
COB	white	2,20	22065716-3941	50	3000 K - 5193 lm - CRI 80	
			22065716-1241		4000 K - 5584 lm - CRI 80	



★★★★
Hotel
★★★★★

Technical areas

Forma pag. **116**

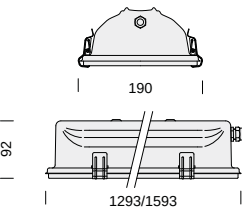
Tortuga pag. **118**

Pastilla pag. **120**

Globo 2.0 pag. **122**

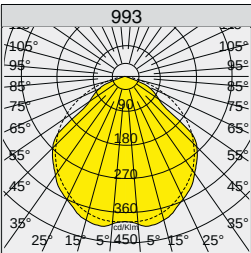
Forma

IP65IK08

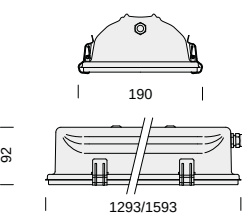


993 Forma - with transparent glass

		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

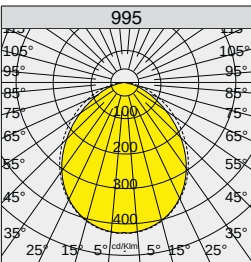


IP65IK08



995 Forma - with etched glass

LED	colour	CLD CELL			LUMEN OUTPUT (tq= 25 °C)	
		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



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 fibreglass cable gland.

On request: emergency unit.

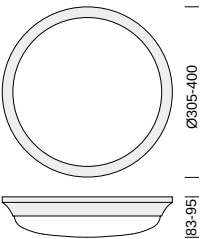
LED: Power factor: ≥0,9. Luminous flux maintenance 80%: 50.000h (L80B20).

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.

IP54 IK07



3000K

4000K

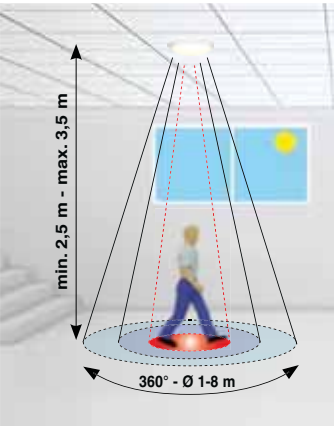
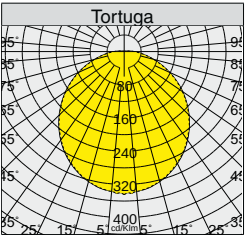
CRI 80

30.000h
L70B50

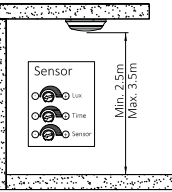


Tortuga

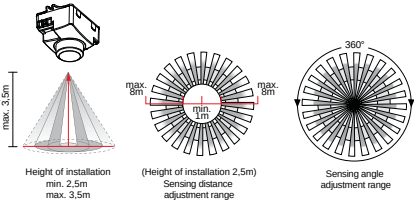
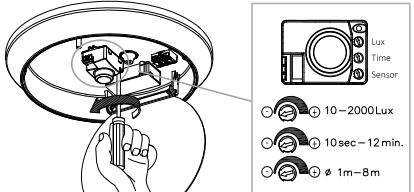
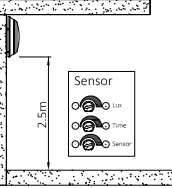
		CLD CELL				LUMEN OUTPUT (tq= 25 °C)	
LED	colour	weight	Ø mm	code	W tot	K - ø lm - CRI	
LED	white	1.00	Ø305	22042410-00	17	3000 K - 1368 lm - CRI>80	
				22042411-00		4000 K - 1488 lm - CRI>80	
LED	white	1.15	Ø400	22042412-00	28	3000 K - 2403 lm - CRI>80	
				22042413-00		4000 K - 2614 lm - CRI>80	
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

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.



Pastilla

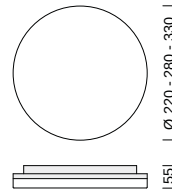
Pastilla is a high-efficiency LED fixture, an ideal upgrade solution to traditional lamps. Its simple yet modern design, along with the supplied bracket, ensures quick installation into different spaces, including corridors, stairways, bathrooms, entrance halls or public areas. It is available in three diameter sizes (ø220/280/330 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.

IP65 IK07



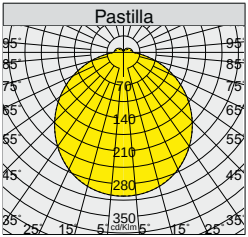
3000K

4000K

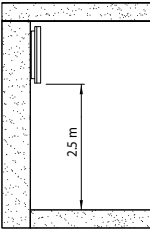
CRI 80

30.000h L70B50

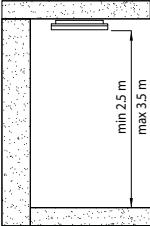
Pastilla						
		CLD CELL			LUMEN OUTPUT (tq= 25 °C)	
LED	colour	poids	Ø mm	code	W tot	K - ø lm - CRI
LED	white	0.60	Ø 220	22042510-00	15	3000K - 1328 lm - CRI 80
				22042511-00		4000K - 1444 lm - CRI 80
LED	white	0.80	Ø 280	22042512-00	18	3000K - 1651 lm - CRI 80
				22042513-00		4000K - 1796 lm -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



Wall installation.



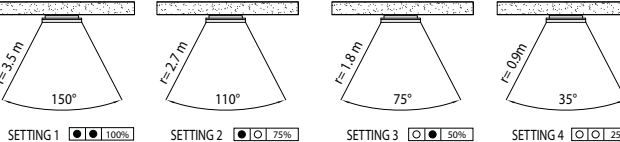
Ceiling installation.



DETECTION AREA: is the area scanned by the sensor. It can be adjusted for specific applications by combining DIP switches.

HOLD-TIME: is the period of time the light will stay ON after the sensor has been triggered.

DAYLIGHT THRESHOLD: Daylight sensor takes priority over the motion sensor. Set threshold according to specific needs. Disable it to allow motion detection only.



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



Globo 2.0

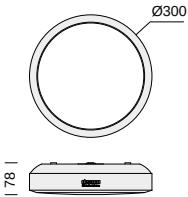
Housing: vandal resistant, self-extinguishing, UV-stabilised anti-yellowing polycarbonate and and external finishing ring in ABS.

Diffuser: vandal resistant, self-extinguishing, UV-stabilised anti-glare polycarbonate; dustproof.

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



IP65IK08



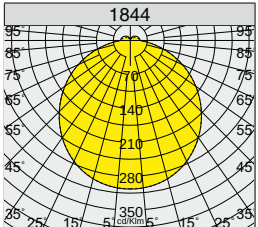
4000K

3000K

CRI 80

50.000h
L80B20

1844 Globo 2.0					
		CLD CELL			LUMEN OUTPUT (tq= 25 °C)
wattage	colour	weight	code	W tot	K - ølm - 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).					



HOTEL



disano 
illuminazione

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