

2026/2027

ILLUXTRON



Our sales department is  
always at your service for  
any questions or for support.  
[sales@illuxtron.com](mailto:sales@illuxtron.com)

Illuxtron International BV  
Mercuriusweg 19  
4382 NC Vlissingen  
The Netherlands

[info@illuxtron.com](mailto:info@illuxtron.com)  
+31 (0)85 773 63 60  
[www.illuxtron.com](http://www.illuxtron.com)



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Dear valued  
partner,  
dear lighting  
enthusiast,



Together with our project partners, we have gained significant experience in accomplishing larger, more complex projects over the past few years. The insights gained from these projects form the foundation for the next step in our development.

In this catalogue, we introduce several new collections, including L4CS (Lighting for Ceiling Solutions), Light & Health, and Trade products. Our MIYO custom-made experience has continued to grow, enabling us to develop entirely new professional lighting solutions that stand apart from our standard product range. These expansions allow us, together with our partners, to act as a total partner within professional projects.

We have also gained valuable experience in sustainability and wellbeing standards, including BREEAM and the WELL Building Standard, as well as in energy-efficient lighting management. By collaborating with our partners, we can engage and provide advice to our clients.

These advancements strengthen our position as a leading supplier for professional projects that require more than standard solutions, providing everything from integrated lighting systems to custom and innovative designs. We would like to express our gratitude to our partners for their trust and collaboration thus far, and we enthusiastically look forward to the new product and project opportunities that lie ahead.

Kind regards,

Quinten van de Vrie  
Chief Technology Officer / General Director



# About

# us

ILLUXTRON

# 50+ years of History

**1971** Start Vrieland with  
Hobbylamp

**1979** Production of 50,000  
spots per week

**1995** GU10 Halogen together  
with Sylvania

**2003** First LED luminaires  
developed

**2005** Trilux Light & Accent

**2009** Illuxtron International B.V.  
started

**2017** Datacenter collection

**2026** performance-  
enhancing lighting

**1975** First spotlights developed

**1982** First Halogen luminaires

**1998** Lumiance Trend collection

**2004** Eyeled floorLED  
collection

**2006** Sold 100,000 units  
Philips SpotLED range

**2012** Driverless LED

**2021** Integration of ventilation

## Timeline

Quinten sr.



Quinten jr.



# Characteristic products



1971

→ **Hobbylamp**

Later followed by a magnifier version  
Sold more than 1,000,000 pcs



1974

→ **Stekkerspot**

Luminaire to plug in a wall socket



1978

→ **Clampspot E14**

Followed by a range of ceiling spots  
Production of 50,000 units per week



1981

→ **Sweazy**

Table lamp E14



1984

→ **Gallo**

Halogen table lamp G4



1985

→ **Quattro**

Halogen spot AR50



1987

→ **Xantippe**

Design by Ad van Berlo



1999

→ **Frame**

GU10 spot developed for the commercial market



2003

→ **Eyeleds**

6.5mm floorLED to build in different flooring materials



2005

→ **SpotLED**

First LEDspot in high volume.  
Developed for Philips.



2012

→ **Fluxe 75**

HV driverless downlight



2018

→ **Pointer**

Antiglare pin hole spot



2021

→ **Linessa Air**

Antiglare Panel serie  
incl. cold or hot air ventilation



2023

→ **Custom-made solutions**

MIYO - Cortina variant for pharmaceutical production



2025

→ **L4CS collection**

Lighting for Ceiling Solutions



2026

→ **Light & Health**

Awareness of healthy light  
for different activities

# About Illuxtron

With over 50 years of knowledge and experience in the lighting industry, we know our products inside out and strive for continuous improvements. We incorporate the latest technology in our LED lighting. We always look to innovate and improve, from dimmable downlights to LED panels and luxurious ceiling lights.

## HEAD OFFICE



Vlissingen

## FACTS

- 35 people HQ / 75-100 workers
- 3 production locations
- 520.000 products 2024
- 650.000 products 2025
- 300 project customers
- 33 export countries

LOCATIONS

## PRODUCTION



Vlissingen



Goes



Terneuzen





### **CUSTOM-MADE**

But we don't stop there. If our collection doesn't meet your needs, we can provide custom-made lighting solutions, from minor modifications to entirely new products.

### **ASSEMBLY IN EXTERNAL WORKSHOPS**

- Regional assembly at 3 sheltered workshops
- 75-100 production employees
- 50 years of production experience
- Flexible capacity

### **ASSEMBLY IN ILLUXTRON WORKSHOP**

- Internal assembly workshop
- Custom-made projects
- Assembly to plate and extra quality check

### **ILLUXTRON PACKAGING**

- Extra quality check
- Project packaging per room

### **100% DUTCH**

Our R&D department in the Netherlands develops our LED lighting from A to Z. We know our products inside out and challenge ourselves to improve them.

### **PROJECT SUPPORT**

Bulk packaging, room-by-room labelling, and free GST18 plugs are all options for products.

### **FAST DELIVERY**

Despite the market's current supply issues, Illuxtron has enough inventory to ensure a delivery time of 10 days (for orders of less than 100 pieces).

### **CUSTOMER SUPPORT**

Our sales department is always at your service for any questions or for support.

[sales@illuxtron.com](mailto:sales@illuxtron.com)

+31 (0)85 773 63 60



ABOUT US

SUSTAINABILITY

# Sustainability & passion for lighting

ILLUXTRON

## PRODUCT DESIGN

Our lighting solutions are designed for high operational reliability and a long service life. With high-quality materials and energy-efficient LED technology, our luminaires have a lifespan of approximately 7 years under continuous operation at an ambient temperature of 45 °C. Each product is thoroughly tested, and power supplies are carefully managed, resulting in a low failure rate of just 0.5%. The environmental impact of our luminaires is assessed through Life Cycle Assessments (LCAs) and registered in the Dutch Environmental Database (NMD), providing valuable insights to further optimise our products and supporting transparent MPG and BREEAM calculations.



## LOCAL ASSEMBLY & SHORT SUPPLY CHAINS

To reduce our ecological footprint, Illuxtron focuses on local assembly and short supply chains. Our luminaires are assembled in sheltered workshops close to our head office in the Netherlands. For custom-made solutions, we primarily use in-house components and collaborate with local or European partners. This approach minimises transportation and reduces emissions, while allowing us to maintain a flexible and efficient production process. Additionally, we can ensure faster delivery times of 5 to 10 working days while retaining flexibility in our manufacturing.



## SOCIAL ENGAGEMENT

At Illuxtron, we believe everyone should have the opportunity to participate. For many years, we have been working with sheltered workshops where people with a distance to the labour market assemble our products under professional guidance. Through clear processes and multiple control steps, we ensure consistent quality while supporting personal development towards regular employment, including positions within our own custom-made assembly team. This long-term approach reflects our commitment to responsible production and sustainable working relationships.



## PACKAGING AND WASTE MATERIALS

Illuxtron has switched from plastic packaging to eco-friendly cardboard and has further minimised waste by using bulk packaging for project orders. By delivering luminaires in stackable, well-protected trays, both packaging materials and on-site handling are significantly reduced. This approach not only speeds up installation but also lowers the environmental impact. Since September 1, 2025, bulk packaging is the standard for project orders in the Netherlands, wherever technically feasible.





Plus Ultra Utrecht - BREEAM NL Outstanding - WELL Platinum

# Illuxtron closely follows international regulations

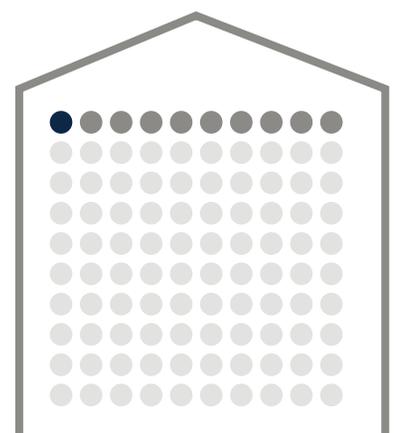
## BREEAM & WELL BUILDING STANDARD

These requirements are intended to make the sustainability of buildings measurable. For decades, they have been regularly revised and expanded to include new criteria and building types. The requirements for these types of buildings are constantly evolving, and Illuxtron ensures that any product adjustments are implemented quickly. Because Illuxtron produces to order, we don't have to deal with old inventory that hasn't been adapted yet.

## WELL AS AN INVESTMENT IN YOUR EMPLOYEES

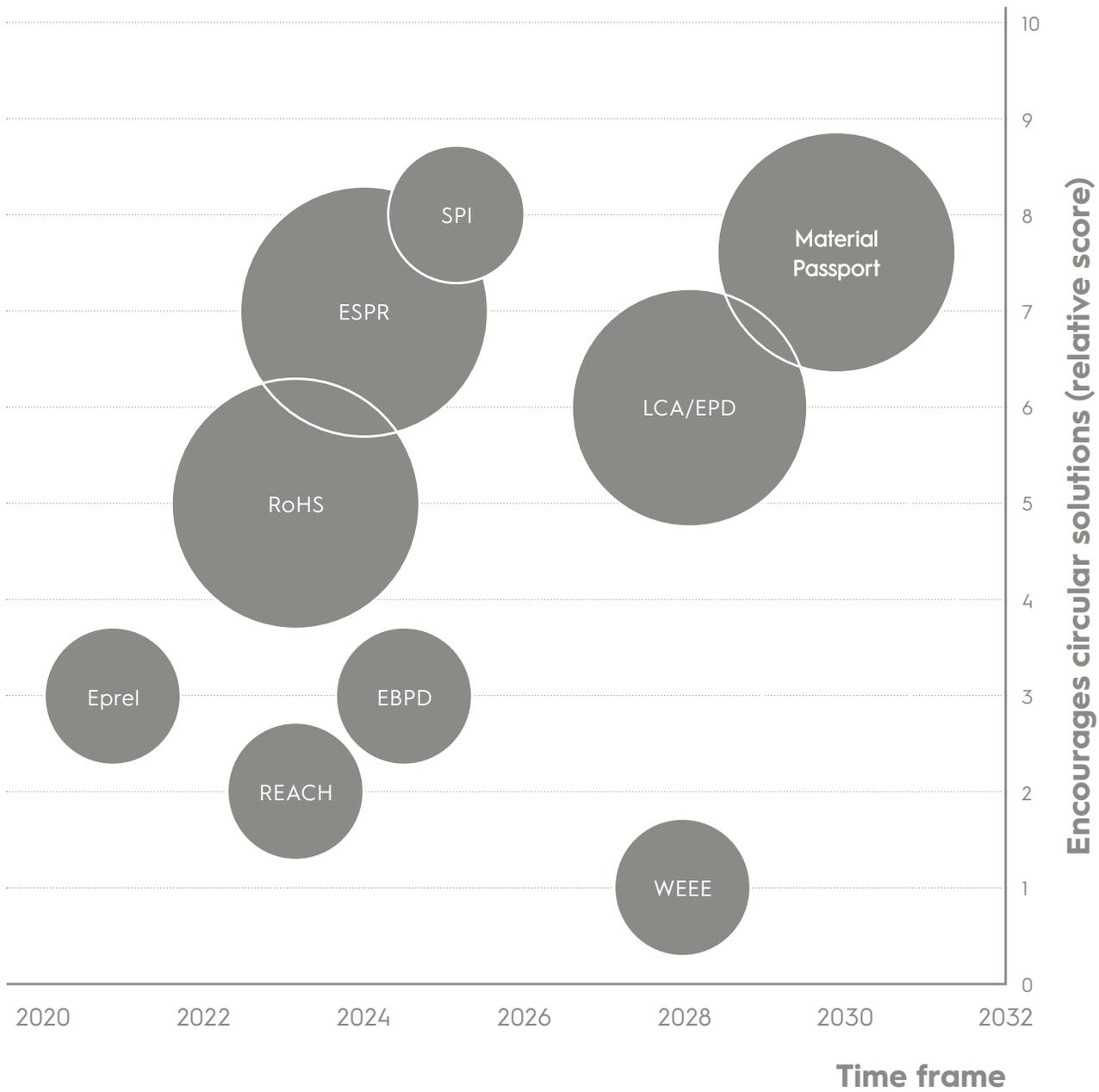
WELL is the only building certification programme in the world that prioritises people and requires performance testing to verify that the building has achieved optimal conditions for health.

WELL is being implemented in over 74,000 locations in more than 137 countries around the world and leads to a 7.7% higher rental income. It tests buildings on 10 themes, including air, water, light, nutrition and mental health. The classification goes from bronze, silver, gold to platinum.



- 1% Energy costs
- 9% Rental costs
- 90% Staff costs in salaries and benefits

# Directives & regulation Capital Equipment



## BREEAM NL RATING

In addition to the standard BREEAM requirements, the Netherlands has made its own BREEAM-NL additions.

- Outstanding ★★★★★ >85%
- Excellent ★★★★★☆ >70%
- Very good ★★★★★ >55%
- Good ★★★★★ >45%
- Pass ★★★★★ >30%

Requirements in the Netherlands are higher than in the rest of Europe. Illuxtron was the first lighting manufacturer to register its products in the National Environmental Database.



In the Netherlands, WELL is gaining popularity as a means of increasing productivity and reducing absenteeism due to illness. It assesses buildings on 10 themes, including air, water, light, nutrition and mental health.

## ENERGY PERFORMANCE REQUIREMENTS BUILDING (EPBD)

The energy performance of buildings must improve to reduce energy consumption. The European Commission has issued a guideline known as the EPBD III, which has been incorporated into Dutch laws and regulations. A new directive, EPBD IV, has also been developed. The Netherlands is required to implement this guideline before

mid-2026. This initiative is one of many efforts Illuxtron and her partners are currently preparing for.

## MATERIAL PASSPORT

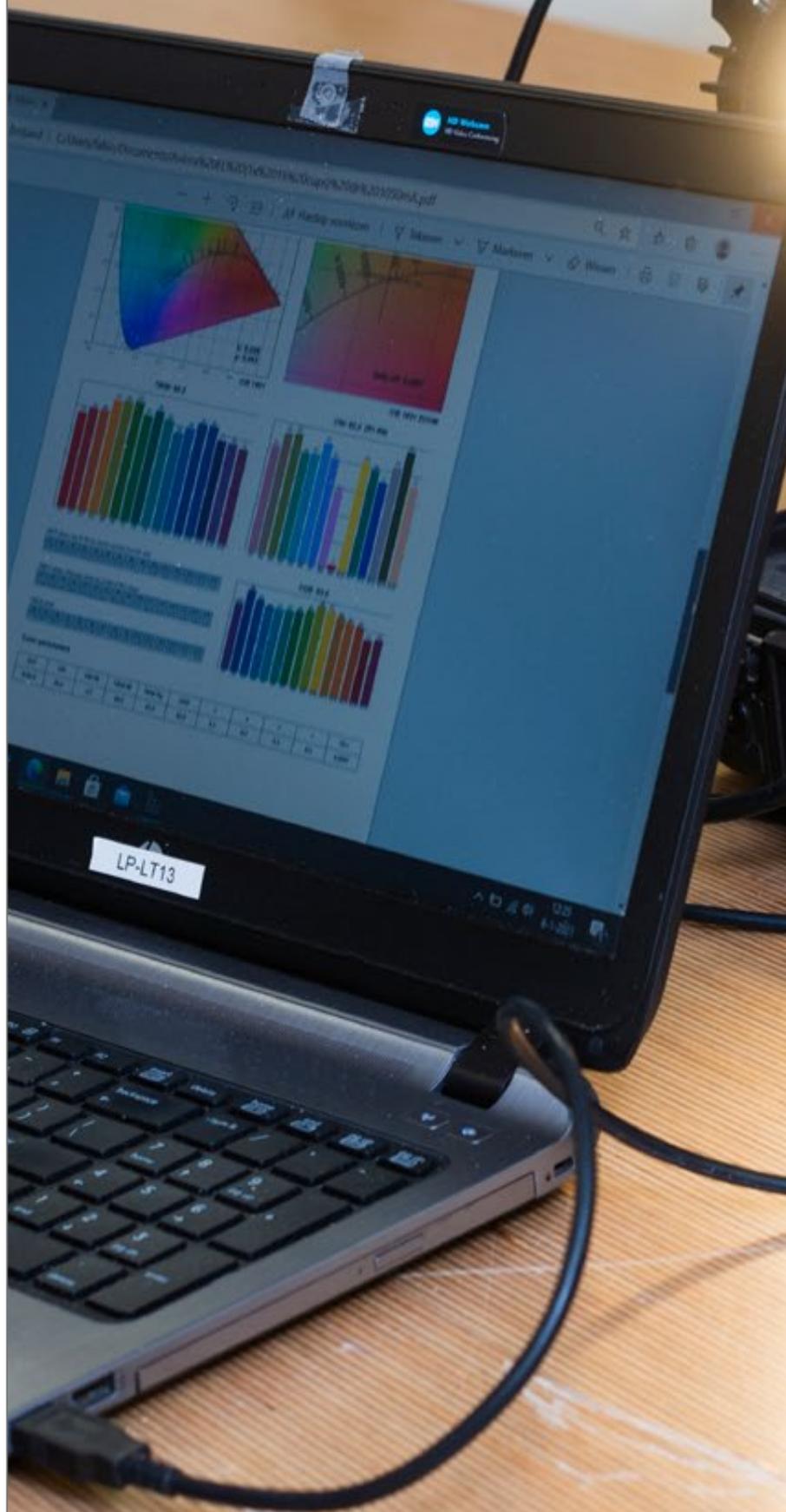
The ESPR (Ecodesign for Sustainable Products Regulation) legislation has one goal: to make products more sustainable by setting requirements for the design of physical goods sold in the EU. A key component of this is the Digital Product Passport (DPP). This digital passport travels with the product and contains information about its composition, origin, and how the product can be used, reused, or recycled. This contributes to extending the life cycle of products so we use fewer raw materials in the transition to a circular economy.



**Illuxtron standard**

**collection**

**ILLUXTRON**



# Explanation of the different technologies used in our products

Mini downlight technology

20-21

Pointer optics

22-25

HV-FD technology

26-29

Low voltage technologies

30-33

PI-LED technology

34-37

Ceiling Plates optics

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Driver technology

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Installation springs

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**Tabel of contents Illuxtron collection**

46-49

## Downlights (mini)



Strada 35  
76



Strada 50  
76



Linea 50  
102



Fluxe 35  
See pricelist



Fluxe 50  
See pricelist



Pointer 40  
54



Pointer 68  
54



Pointer Spot 68 adj  
54



BARTENBACH

# Bartenbach 'Dark Light' technology

### TECHNICAL PARTNERSHIP BETWEEN BARTENBACH AND ILLUXTRON INTERNATIONAL

Illuxtron International and Austrian company Bartenbach started a technical partnership in the field of reflector technology in 2015. Prior to developing the new products, our R&D team set out some quality requirements that the products had to meet in terms of lighting technology. Both R&D teams worked on developing "Dark Light" reflectors for our mini downlights, Linessa and the Aviora Panel.

### REFLECTOR

The reflectors developed in collaboration with Bartenbach feature high-reflection facets that ensure high light output. In addition, the reflector's usual facets have extra microfacets that direct the maximum amount of light in the right direction. This enables us to project as much light as possible onto the work surface. All reflectors are fitted with a protective glass that prevents loss of light output due to deposits on the mirror surface.

### Features of Bartenbach's Dark Light Technology

- Low UGR levels combined with high light output
- Excellent homogeneity of the light beam, even in combination with various LED colours
- Protection glass to prevent tarnish on the reflector

**LOW UGR  
(UNIFIED GLARE RATING)**

Beam width is usually determined at 50% of the highest lux value in the beam (full width half maximum). However, there is often still a lot of scattered light outside of this beam width that causes annoying glare. For this reason Bartenbach also uses beam angles at 10% value (full width tenth maximum). The Fluxe 35 reflector, for example, is 2x18.9° at 50% value (FWHM) and only 2x32.7° at 10% value (FWTM). When we compare this with a standard GU10 halogen bulb of 2x12°, the beam angle at 10% is actually wider than the 2x32.7°. This means that in practice a standard GU10 bulb will cause a lot more glare than the Fluxe 35 reflector.



**PERFECT LIGHT COLOUR**

In addition to the above, the light of all four LEDs contained in the reflector cup is mixed to the limit, creating a light beam without any yellow spots. This is particularly important for versions that use two warm-white and two neutral-white LEDs.

**4W LED ENGINE  
EQUIVALENT OF 50W GU10**

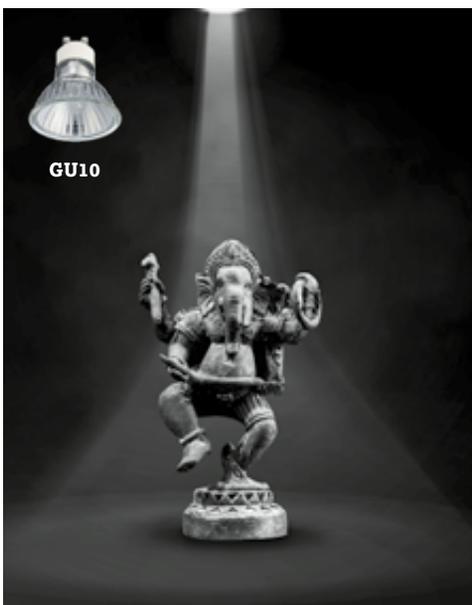
By using 4 high power LEDs of the newest generation these tiny downlights emit more light than a traditional 50W GU10 halogen lamp.

HEAT  
DISSIPATION  
IMPROVED



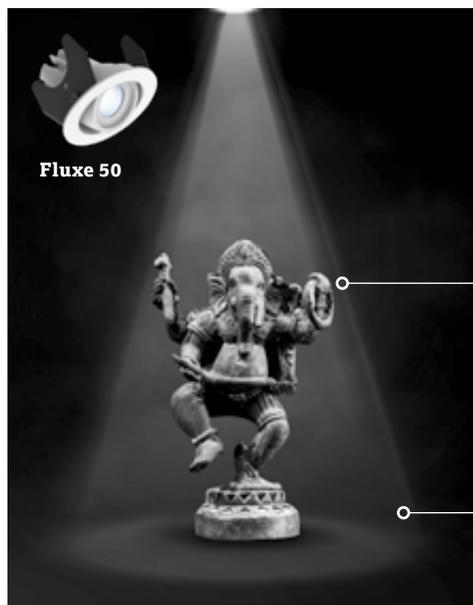
21

**BEAM 24°**



The beam is initially narrow, but there is a lot of scattered light at the bottom, causing annoying glare.

**BEAM 40°**



○ **FWHM**  
(Full width half maximum)  
Beam width at 50% of the highest light level is 45°.

○ **FWTM**  
(Full width tenth maximum)  
Beam width at 10% of the highest light level is 65°.

The beam is a bit wider, but there is virtually no scattered light at the bottom.



#### POINTER SPOT TRACK 48V

To reduce glare, the Pointer Spot's small light hole is recessed as far as possible into the long tube. Ideal for situations when multiple rail spots are used to illuminate the entire room.

POINTER SERIES

# Pointer series



#### THE NEW SIGNATURE IN ARCHITECTURAL LIGHTING

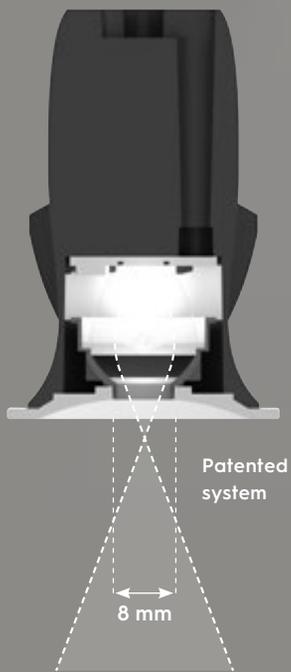
Let's say you walk into a room that is perfectly lit, but you don't see any light points. That is the new signature in architectural lighting, and it starts with the Illuxtron Pointer Series. 3 new downlights with unique lenses and zero glare. The light emitting surface is only 8mm in diameter, but still produces between 350 and 650 lumens. This allows for a nearly invisible light experience that gives architects and lighting designers the possibility to present a room as they have never been able to before. All the attention goes to the room, not to the glare.

#### ZERO GLARE LENS

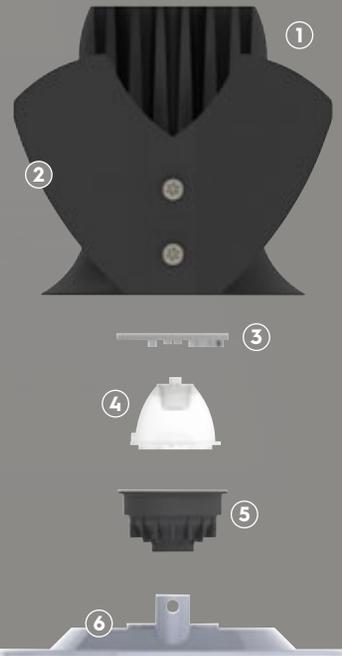
The Pointer series is all about a revolutionary new lens that collimates the beam angle. This means the beam will reflect into an hourglass shape. The neck of the hourglass beam angle falls precisely through the opening of the downlight. Here, the beam angle is at its narrowest, and therefore the light-emitting surface of the Pointer downlights is only 8mm in diameter.

The lens also gives the possibility for an internal anti-glare ring. This makes for a cleaner design and ultra low UGR values. There is virtually no glare from Pointer downlights, and this gives an almost invisible light experience, while the room is perfectly illuminated. This gives a clean and relaxed effect in rooms that are equipped with Pointer downlights.

# Pointer series



1. High-end aluminium heatsink with a unique, elegant design
2. New spring for concrete ceilings
3. PCB with a high-power Lumileds PowerLEDs in 2700, 3000K and 4000K
4. Illuxtron patented optical lens system that makes pin-hole light possible
5. Anti-glare cap that ensures no stray light. The total light opening is only 8mm!
6. Sleek front ring in various colours



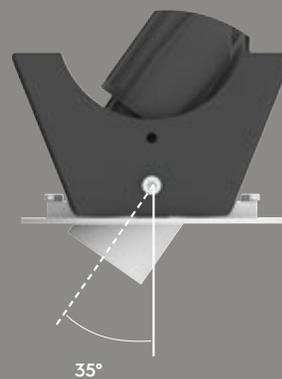
Adjustment option Pointer Spot 68 adj



Plug and play system for 500 and 700 mA drivers. The Pointer series is dimmable.



Adjustment option Pointer Spot 68 adj



POINTER SERIES



Pointer 40, 375 Lm, 35°

Sharp beam angle developed by  
Bartenbach where practically all of  
the light is within the beam.



Fluxe 75 800Lm 80°

Standard downlight, where  
much of the light spreads  
throughout the room.

## Downlights (small)



Strada 75  
80



Strada 90  
80



Fluxe 75  
92



Fluxe 90  
92



Fido 98  
See pricelist



Fido 108  
See pricelist



Linea 75  
104



Fido CL 105  
70



Vector CL 100  
82



Fido WL 105  
70

HV-FD TECHNOLOGY

# High Voltage Flicker-free Dimming technology (HV-FD)

### FLICKER-FREE PATENTED DIMMING TO 0.1%

The minimum and maximum dimming levels depend on the dimmer's quality. With a good quality dimmer, it is possible to achieve a dimming range of 0.1 - 100% (see our dimmer list on pages 188-189). Even at the lowest levels of dimming, our technology is still lower than 2.4% flicker with a negligible flicker index.

Dimming power	100%	75%	50%	25%	10%
Flicker percent	0.4%	2.4%	1.2%	1.4%	1.4%
Flicker index	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01



## DALI & CASAMBI DIMMER GATEWAY

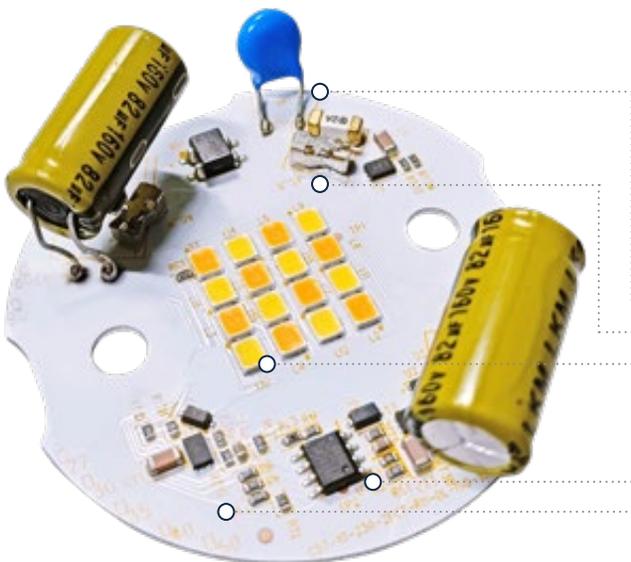
Typically, a group of lights is controlled collectively by a switch or dimmer. Instead of using an expensive driver for each spotlight, it's much simpler to use just one dimmer gateway to control multiple spotlights. An additional advantage is that dimming can be easily adjusted to less than 1%.



Dali - Triac  
Lighting Controls  
Item code 4502303



Casambi - Triac  
CBU-TED-RL



### HV-FD 800 LM (2200-3000K)

- Protection circuit against voltage peaks (4000V)
- 220-240V input
- Multi junction LEDs
- Highly reliable because there are mainly active electronic parts in the circuit
- Flicker control circuit
- IC to reduce flicker

100%	brightness	3000K	
50%	brightness	2900K	
25%	brightness	2700K	
10%	brightness	2200K	

### WARM DIM VERSION AVAILABLE

When dimming the light down, the light becomes warmer just like an incandescent lamp.

# Additional technical advantages (HV-FD)



HV-FD TECHNOLOGY

## FLICKER-FREE; NO STROBOSCOPIC (FLICKER) EFFECTS

Surveys have linked light flicker to health problems. Even though flicker at these frequencies may not be visible to the naked eye, there is evidence to suggest that the human brain can detect light flicker at frequencies of up to 200Hz. Potential problems can include headaches, eye strain, impaired visual performance, or in extreme cases, epileptic seizures. While the best quality power supplies for low voltage luminaires have a flicker percentage of 1-3%, our High Voltage technology has a flicker percentage of only 0.4%.

## FLICKER-FREE PERFECT FOR VIDEO SHOTS

It is important to have little to no flicker effects when recording video, where the images are cut with several black lines and it is not possible to shoot the video properly.



## FLICKER-FREE RCS PROOF

Our past experience has shown us that Ripple Control Signals (RCS) sent over the electricity grid (e.g. for load switching or tariff switching), can cause an annoying flickering of the HV downlights. Our new patented Flicker-free dimmable (FD) technology is not affected by this kind of signal.

## EASY INSTALLATION

Each downlight is supplied with a 3-Pole connection box for screw-less looping of H03 or H05 cabling.



Example: looping of "low smoke" cable for public buildings

220-240V

**LOOPING**

## LOW INRUSH CURRENTS

While most power supplies have a high inrush current (e.g. >5 Amps), our high voltage solution has a maximum of 100 mA (incl. soft-start). With this low (almost negligible) inrush current, the number of luminaires per group, or per dimmer, is no longer

determined by the inrush current but rather by the VA rating of that group or dimmer. E.g. a group protected by a B16 circuit breaker has an acceptable VA value of 3600VA. So this group can handle  $3600/10 = 360$  luminaires.

## 4KV SURGE PROTECTION

It is often necessary to protect electronic components from high-voltage spikes (surges) on the mains. These can be caused by switching inductive loads near the luminaires or by atmospheric discharges such as lightning strikes.

## NO DRIVER REQUIRED

In some countries, the spotlights are installed directly into the concrete ceiling without using a special concrete box.

For these installations, the spotlights come with special "Concrete Springs" that securely hold them in place.

With these types of installations, you don't want the heat generated by the spotlight to affect the driver, causing it to overheat.

The Illuxtron HV-FD spotlights therefore operate without an external driver and can be easily looped through using standard 220–240 V installation wiring.

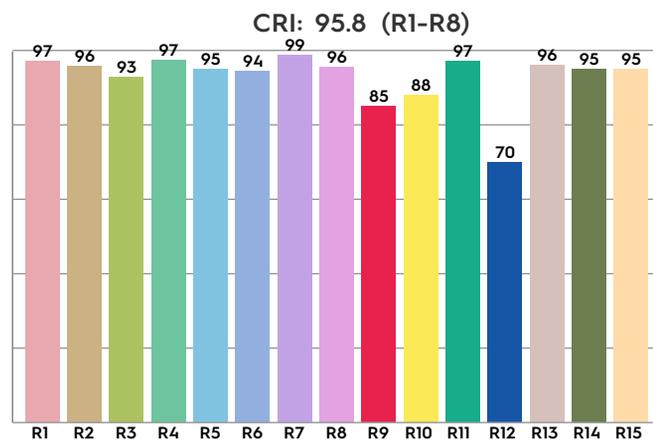
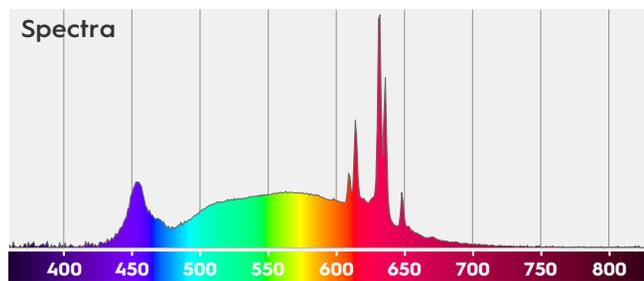




LV-HE TECHNOLOGY

# Low Voltage technology (LV-HE) CRI95

LINEA 185 60° 4000K CRI95



CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS
3815 K	95.8	85.0	91.3	98.6	94.3

## HIGH COLOUR RENDERING WITH IMPRESSIVE EFFICIENCY

We are introducing the latest LED technology, which combines efficiency with high colour rendering (CRI95/R9-85). By using patented phosphor technology, we create a white light with significantly improved properties. With these LEDs, we also achieve a lifespan of over 105,000 hours (L90B10).



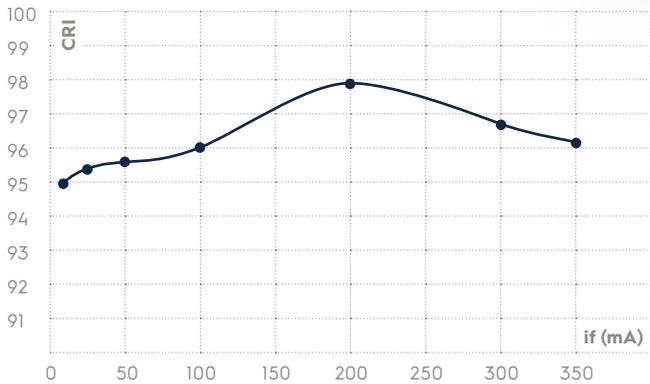
### DIM TO WARM 1800-3000K

Create the ideal ambience for restaurants and other hospitality venues by dimming LEDs with any control method.

100%	brightness	3000K	
50%	brightness	2650K	
25%	brightness	2200K	
10%	brightness	1800K	



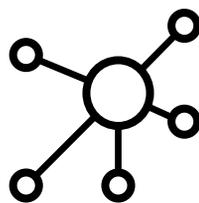
### CRI VERSUS CURRENT



Over the entire dimming curve, the CRI stays very high.

### WIRELESS MESH NETWORK

In addition to Bluetooth Low Energy, Casambi technology provides a mesh network in which the system's intelligence is replicated across every node. This creates a system with no single point of failure. Such self-organising, wireless mesh networks can control a large number of fixtures from any point. This also allows for firmware updates over a network, allowing any kind of changes to be made over-the-air. In this fully distributed, symmetric architecture, any unit can go offline and catch up with the others when it returns online. The Casambi devices are smart on their own and only connect when needed. An internet connection is not necessary for normal operation; it is only needed to send or recall user interface configurations from the cloud.

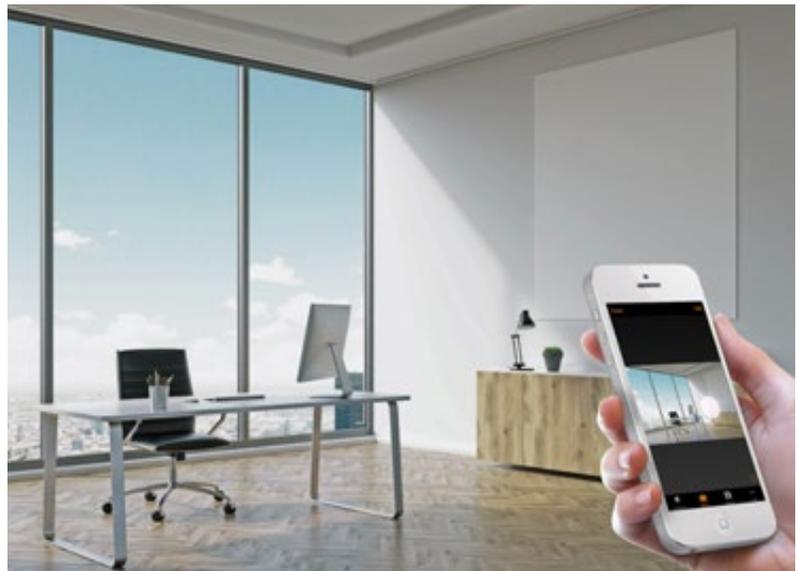


**CASAMBI**



**matter**

Coming soon!



# New LED phosphor technology available for all our standard products

VISUAL QUALITY  
CRI95

58 H 2,  
98197



HIGHEST EFFICACY  
CRI82



PI-LED TECHNOLOGY

# PI-LED technology: More than tunable white

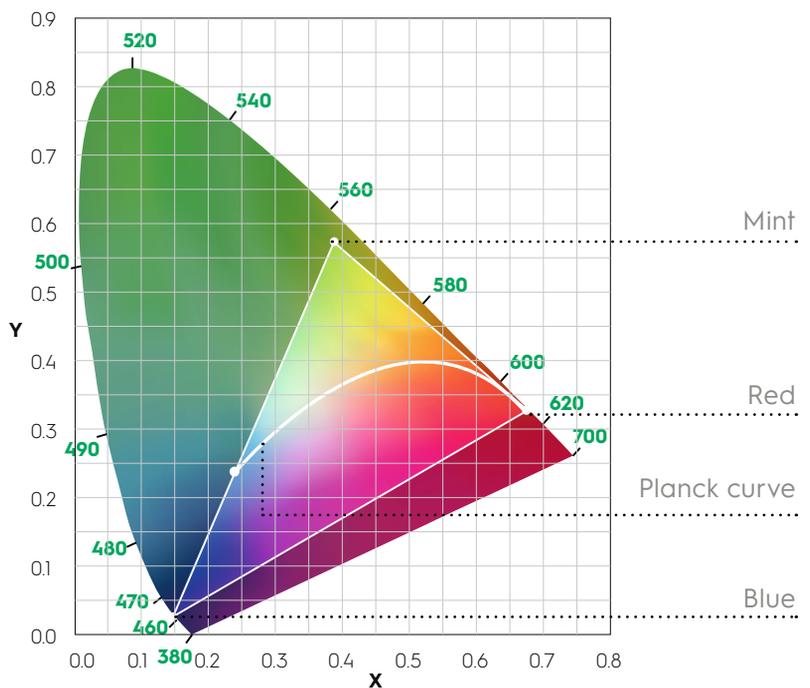


## MORE THAN TUNABLE WHITE

PI-LED is far ahead of conventional tunable white solutions.

In order to optimally support the human biorhythm, it is important that lighting can imitate the intensity and colour temperature of sunlight.

Simple tunable white solutions based on cool and warm white do not meet this requirement. They have limited colour temperatures and are not intentionally located on the Planck curve.



TUNABLE WHITE

# Products



Strada 68  
78



Odion  
120

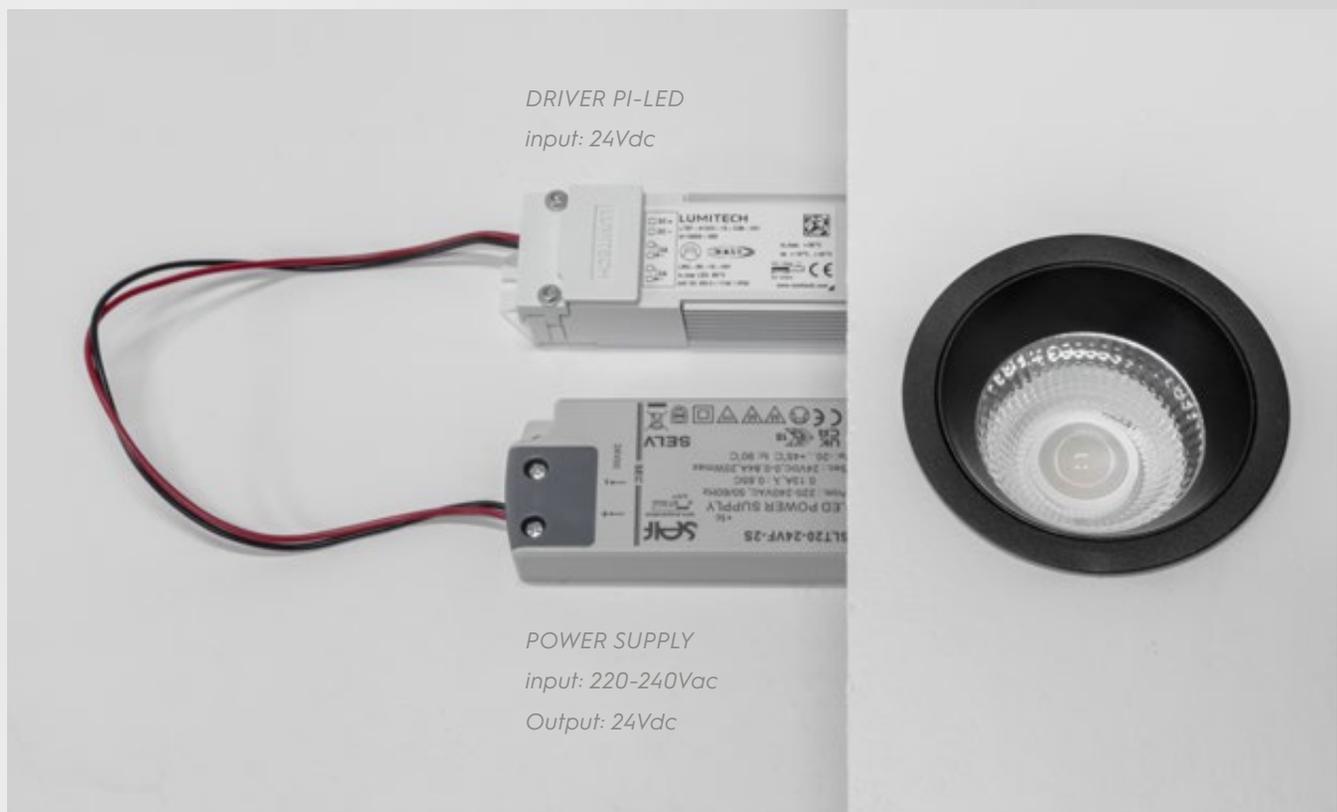
Ask MIYO about the possibilities of applying HCL with our products.

## SYSTEM FEATURES

- CCT: 1800 – 16000K Daylight is always a combination of direct sunlight and diffuse radiation from the sky
- 100% calibration and temperature compensation > SDCM1 (typ.)
- Along the Planck curve or deliberately deviating
- Flicker-free thanks to modular dimming
- Separate red channel (Phosphor Converted Red)
- Blue channel separately controllable (amber night light) to temporarily avoid unwanted activation
- Individual control of RGB colours in the PI-LED colour space

## CONTROL SYSTEM

- DALI DT8, Casambi or Zigbee
- Separate daylight sequences.
- Taking into account: time of day within the year and latitude (geographical adaptation)
- Automatic adjustment of colour temperature every 30 seconds
- Personal settings (individual adjustments)



DRIVER PI-LED  
input: 24Vdc

POWER SUPPLY  
input: 220-240Vac  
Output: 24Vdc



PI-LED TECHNOLOGY

# What is PI-LED?



PI-LED delivers daylight-like lighting at the highest level, thanks to its patented, proven technology that combines tunable white and RGB in a single light source. This allows PI-LED to accurately replicate sunlight in terms of spectral quality and the continuous change in colour temperature throughout the day.

PI-LED is a technology marketed by Kiteo, with which Illuxtron has a close collaboration in the field of production.



## MELANOPIC FACTOR

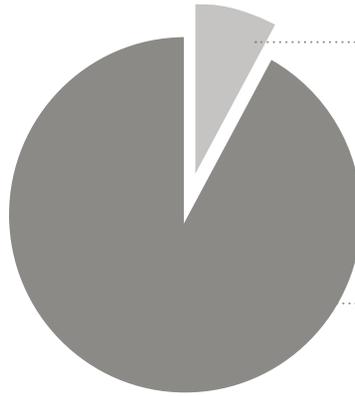
Colour temperature [K]	VISUAL		MELANOPIC		MELATONIN
	Luminous flux [Lm]	Illuminance [lx] at the level of use	Luminous flux [Lm]	Illuminance [lx] at eye level	ACTIVATION
2500	2630	525	1120	102	NO ACTIVATION
3000	3300	659	1700	152	HARDLY ACTIVATION
4000	3960	791	2659	236	HARDLY ACTIVATION
5500	3780	755	3195	284	ACTIVATION

HARDLY TO NO ACTIVATION  
**< 240**  
 MELANOPIC LUX

ACTIVATION  
**> 240**  
 MELANOPIC LUX

### IMPORTANCE OF HEALTHY LIGHT

The purpose of good lighting is to improve the quality of life. Melanopic lighting will improve users' well-being, helping them feel healthier and more energised while enhancing their attention span and concentration. In addition, it can also contribute to faster recovery from illness, lower stress levels, greater relaxation and improvements in the body's natural sleep/wake cycle.



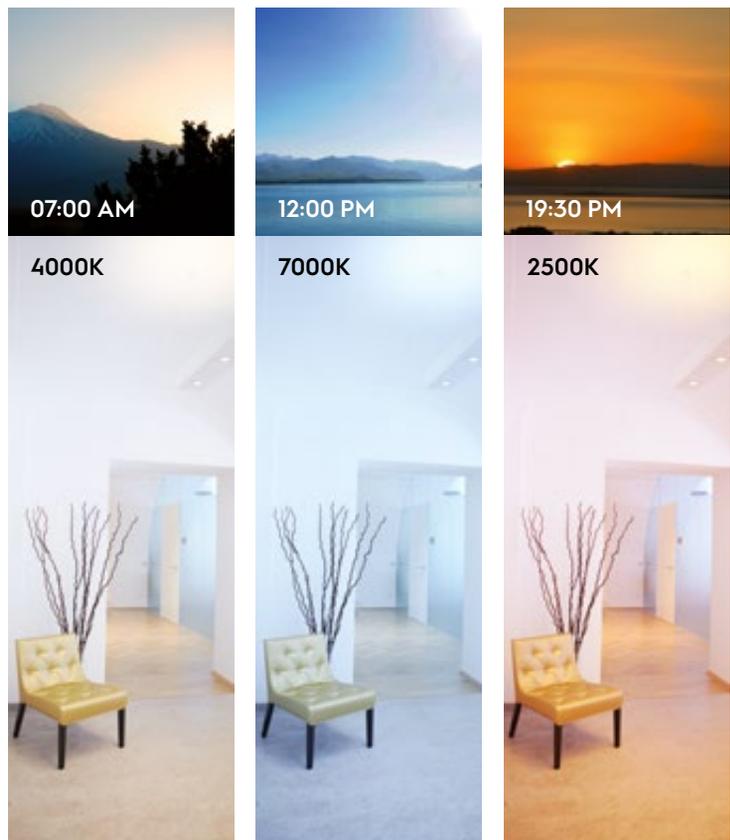
People spend about 8% of their time outdoors.

The other 92% is spent indoors.

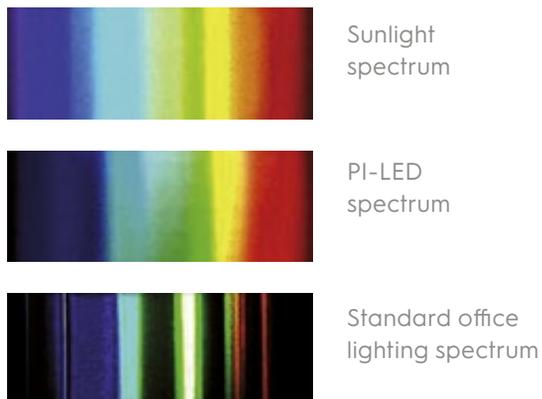
### VISUAL APPLICATIONS

At the same time, dynamic lighting solutions can also be used to create new and adjustable room atmospheres. In commercial applications, lighting that is fine-tuned to the specific application can really make a difference – for instance, in stores, showrooms or places of leisure such as hotels, spas or restaurants – if the right light is used at the right time.

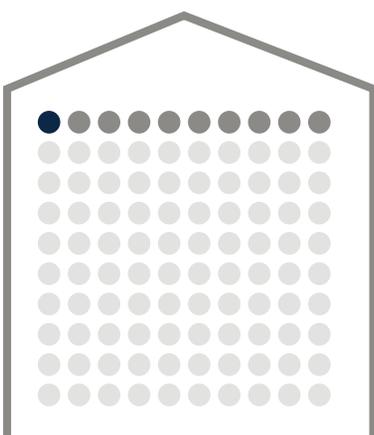
### DAYLIGHT



### SPECTRAL CURVES



### TYPICAL OPERATING COSTS



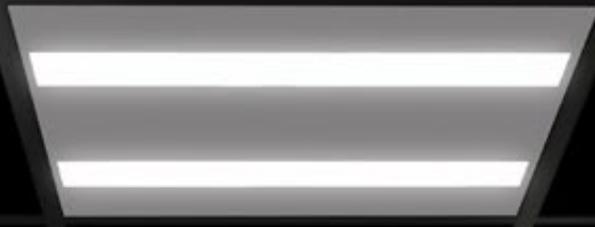
- 1% Energy costs
- 9% Rental costs
- 90% Staff costs in salaries and benefits

### LIGHTING CHARACTERISTICS



Criterion / lighting characteristics*		PI-LED	Warm white
VISUAL	High colour rendering CRI > 90	✓	~
	Highly efficient, up to about 140 lm / W	✓	~
	Max. colour consistency thanks to 100% calibration	✓	~
	CCT range of 1800 - 16000K on the Planckian curve	✓	–
EMOTIONAL	Customised lighting moods and colours beyond the Planck curve	✓ in the PI-LED triangle	–
BIOLOGICAL	Individually adjustable blue content	✓	–
	Range of the melanopic action factor	0.2 to > 1	0.3-0.8

✓ yes ~ possible – no



Cortina 2L  
3300Lm (27.1W)

3m



185 Lux

<b>CAC3 Cortina 2L CRI95</b>	<b>UGR</b>	<b>3.00 m</b>	<b>Lx/W</b>
700mA 3300Lm (27.1W)	18.5	185 Lx	6,8
1050mA 4650Lm (41.8W)	19.8	261 Lx	6.2

Linessa 2L  
3300Lm (33.6W)

Bartenbach 'Dark Light' Technology

No glare

39% more efficient vs LED panel

78% more efficient vs 4x18W TL



293 Lux

<b>3DC3 Linessa 2L CRI82</b>	<b>UGR</b>	<b>3.00 m</b>	<b>Lx/W</b>
700mA 3300Lm (33.6W)	13.8	293 Lx	8,7
1050mA 6500Lm (51.0W)	14.9	419 Lx	8,2

### SUSTAINABILITY

Less is more. Or, in the case of Linessa, making technical innovation affordable through clever product design. The end result is a lighting panel with only 7 parts and no glue, screws, or tape. Linessa has a very minimalist design. At the end of life, it is very easy to disassemble the product or replace the LED module. In this scenario, we minimise material waste, keeping it as low as possible. Compare this to hazardous fluorescent lamps that need to be replaced frequently.

LINESSA

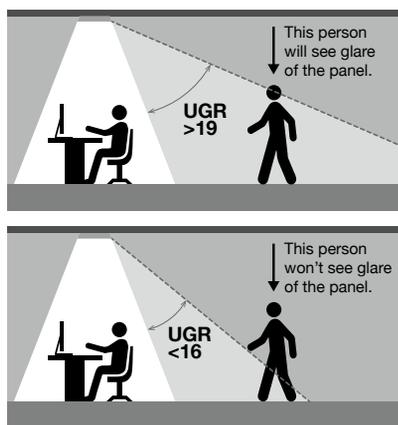
# Linessa

## Excellent office lighting



## BARTENBACH DARKLIGHT TECHNOLOGY - UGR11

Normal diffuser panels distribute light in all directions, creating significant glare. The Bartenbach Institute helped us develop special reflector cups that ensure all the light is reflected as you need it. Less glare in an office means fewer mistakes, fewer headaches and greater well-being for your employees. Each Aviora Reflector has 920 different facets for optimal beam control.



## BEST IN CLASS LUX/WATT

The ideal lighting level for an office desk is approximately 500 lux. The Linessa series can achieve this brightness while using less energy. When compared to a standard diffuser LED panel that consumes 25-40W, it offers energy savings of 25-40%. Additionally, when compared to a 4x18W fluorescent luminaire that uses 84W, the Linessa series saves an impressive 78%.

## NO MULTI SHADOWS

As soon as you try to focus light onto an object with multiple reflectors there will be an annoying multi shadow effect. By using 10 times more reflector cups than normal this effect will disappear.

## LESS LIGHT PRESSURE

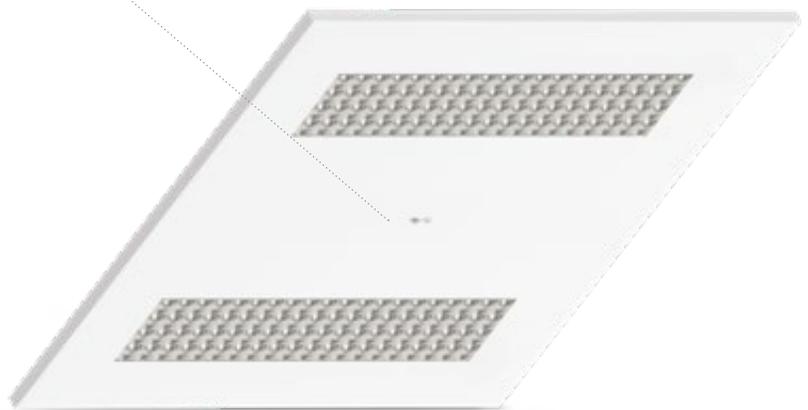
Existing LED reflector technology panels have low glare, but are uncomfortable to work under. By adding more reflector cups, we achieved the best comfort available on any LED panel on the market. The pressure from the LEDs is divided by an enormous number of LEDs.

## BESPOKE VERSIONS

The metal plate can be easily changed to different dimensions. It is even possible to integrate a sensor into the plate or air sleeves for ventilation.



Linessa 2L 595x595 with integrated Helvar ActiveAhead sensor available through MIYO.



## Features and benefits

- Application of Bartenbach's special Dark Light Technology with ultra-low UGR rating.
- Ideal for office applications
- Extremely low wattage for the necessary lux level

**TCI**

Reliable compact driver range

**MULTI CURRENT OPTION**

By manually changing the DIP-switch settings on the driver, it is possible to lower the current to the LEDs. This can be used to extend the system's lifespan or when the light is too bright.

**POWER SURGE PROTECTION**

Most TCI drivers are protected against power surges of up to 4 kV. This is considerably above the 1 kV norm. Many LEDs are protected up to 500V. The surge protection in TCI drivers results in an extremely low defect percentage of 0.2%.

**RIPPLE FREE**

TCI LED drivers are fitted with a multi-stage circuit to provide the LEDs with a perfect current (pure direct current). Low-quality drivers with a high ripple factor can cause health problems including headache, eye strain, impaired vision or, in extreme cases, even epileptic seizure.

**VIDEO/PHOTO PROOF**

Lighting with a low flicker index is essential in areas where photo and film cameras are used. Flickering light has a negative effect on the quality of pictures and film footage.

**SAFETY AND SECURITY**

- Protected against power surges in the electricity network
- Protected against extreme heat
- Protected against overload

TCI POWER SUPPLY UNITS

# Main power supply units

**Features and benefits**

- Surge protection up to 4 kV
- Various dimming options (1-10V & Push, DALI, Triac, Casambi)
- Multiple currents through DIP-switch settings
- Low operating temperature
- Maximum heat-sink temperature remains below 70°C
- Can be connected to a central battery system 220-240V DC
- Manufactured in Europe
- ENEC/EMC compliant
- Strain relief in accordance with European safety standards
- Active power-factor correction
- Highest-quality (A-brand) electronic components

**CASAMBI**



# eldoLED

Used by high-end lighting designers

## HYBRID DIMMING

eldoLED uses a technology called Hybrid Hydra Drive, an advanced hybrid dimming that varies the LED current, duty cycle, and frequency over a small current range. This offers the best dimming regulation at deep dimming levels, high-frequency operation (mixing frequencies between 1KHz and 20KHz), low noise generation, reduced colour shift during dimming, and no flicker.

## LIGHTSHAPE COLOUR SCIENCE

eldoLED LightShape technology removes the complexity of dynamic white lighting, enabling it with standard controls, drivers, and LED modules. LightShape lets you set up a smart relationship between the control input and LED outputs, enabling lighting applications such as "Dim to Warm" and "Tunable White" using standard controls.

## WIRELESS TUNABLE WHITE CONTROL

eldoLED offers wireless lighting controls and Bluetooth low energy beaconing from a compact radio. eldoLED's BLE radio's LEDcode2 connection allows for easy, two wire digital integration with most eldoLED drivers. Combined with a digital luminaire system this provides the perfect combination of drive technology and wireless control.

## APPLICATIONS WHERE FLICKER CAN BE AN ISSUE



Offices



Industrial spaces



Hospitals



Classrooms

## EXTREMELY LOW FLICKER

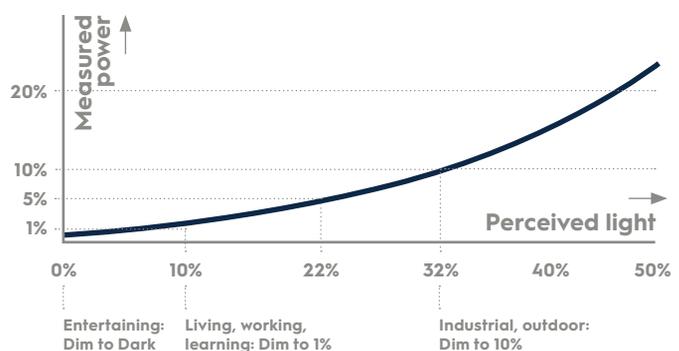
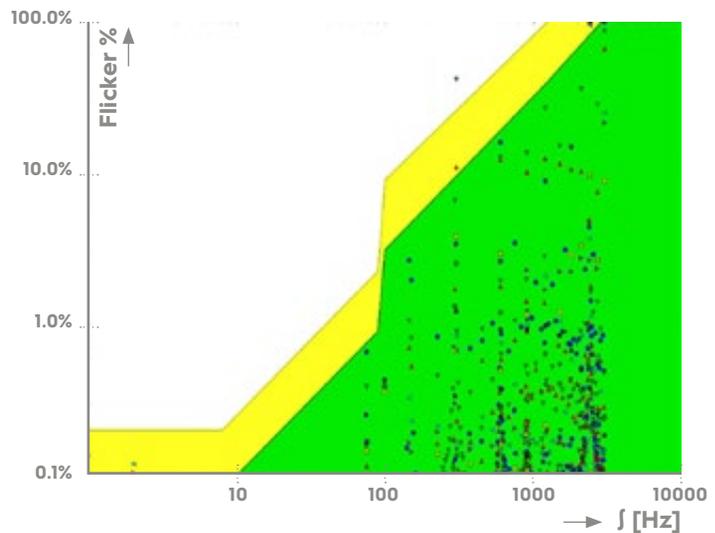
eldoLED believes the IEEE P1789 standard and the associated diagram are great tools for comparing drivers based on flicker. We suggest the following for the specification of LED drivers, which is considered the recommended practice: "LED drivers shall conform to IEEE-P1789 standards. Systems that do not meet IEEE-P1789 will not be considered."

## SMOOTH DEEP DIMMING

To closely mimic what we perceive as Natural Dimming, high-quality LED lighting should:

- Be able to dim to dark
- Have no flicker\* even when increasing or decreasing brightness
- Allow smooth changes in brightness
- Have adaptable dimming curves
- Allow you to set a minimum dimming level
- Feature dynamic behaviour

\*eldoLED follows the recommended practice brought forward by the IEEE-1789 to mitigate flicker-induced health risks to viewers.



# Installation: Springs

SPRINGS

Illuxtron downlights can be assembled using different kinds of springs. The three different versions are CS, WS and GS. The datasheet will explain which type of ceiling material can be used with each spring.



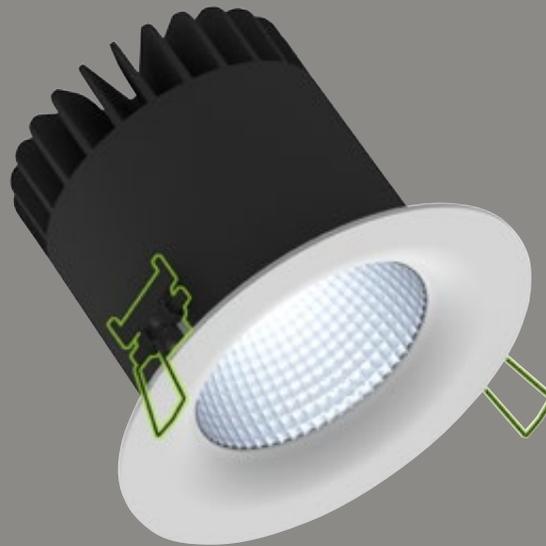
### CS SPRINGS (CONCRETE SPRINGS)

CS springs (excluding the Pointer series) are suitable for almost any type of ceiling. When installing large downlights in soft mineral ceilings, it is essential to use support plates. The slightly bent edge of the spring helps to prevent damage to the ceiling material. We recommend making the hole in the ceiling 10 mm wider than the specified cutout diameter, as long as this doesn't exceed the maximum diameter.



### WS SPRINGS (WIRE SPRINGS)

WS springs are traditional springs that are well-suited for soft ceiling tiles when used with support plates (which cannot be removed from the ceiling). WS springs are not suitable for concrete ceilings and soft ceiling tiles without support plates.



### GS SPRINGS (GYPROC SPRINGS)

GS springs are designed for easy installation in hard ceiling tiles without the need for support plates. Typically, GS springs are included only with larger Linea luminaires. Turning the luminaire counterclockwise secures it more firmly in the tile.



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ILLUXTRO COLLECTIONS

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## Accessories



Central PSU for Mini  
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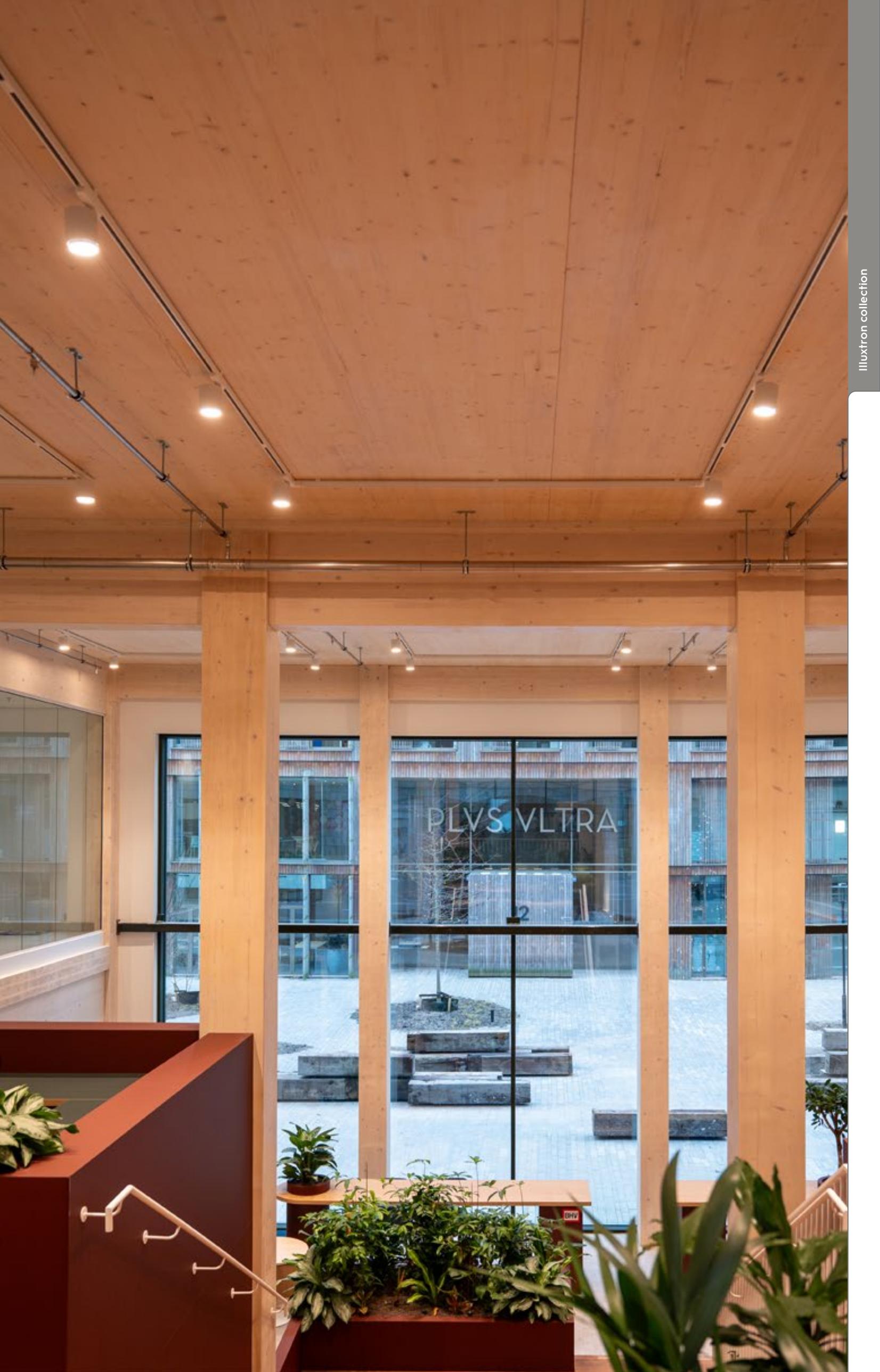
Emergency  
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cables  
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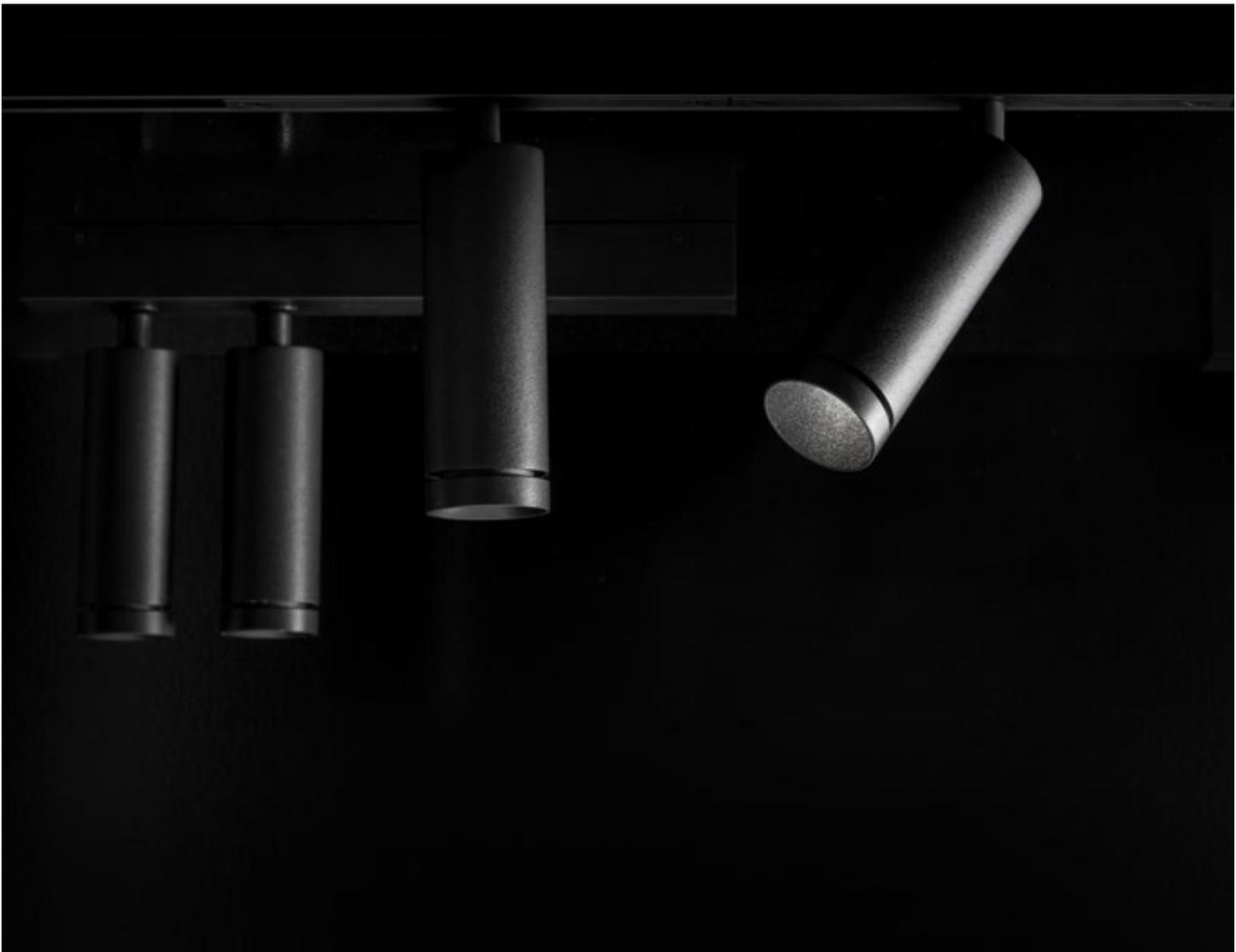
### THE NEW SIGNATURE IN ARCHITECTURAL LIGHTING

Let's say you walk into a room that is perfectly lit, but you don't see any light points. That is the new signature in architectural lighting, and it starts with the Illuxtron Pointer Series. The range has unique lenses with zero glare. The light emitting surface is only 8mm in diameter, but still produces between 350 and 650 Lm. This allows for a nearly invisible light experience that gives architects and lighting designers a possibility to present a room as they have never been able to before. All the attention goes to the room, not to the glare. Recently a new version has been added with better colour reproduction.

# Pointer



POINTER SERIES



Highlighting  
every element of  
your design with  
precision

No dim, Triac & Dali  
Power Supply

35°/60°  
2700/3000/4000K

See page 22

New! CRI93

**Bartenbach**<sup>®</sup>  
lighting optics

Pointer 40



↔  
ø 47 mm

Pointer 68 fix



↔  
ø 80 mm

Pointer Spot 68 adj



↔  
ø 80 mm

Pointer Spot 75



↔  
ø 40 mm

POINTER (RECESSED)

**COLOURS** (Pointer 40, 68 fix & Spot 68 adj)



Matt white  
RAL 9016 (XX=MW)



Matt black  
RAL 9005 (XX=BL)

**SPRINGS**



Pointer 40, 68 fix and Pointer Spot68 adj standard with WS springs (gyproc/metal). Also available as above with CS springs (concrete). Pointer 75 standard with CS springs (concrete). Also available as above with WS springs (gyproc/metal).

**COLOURS** (front ring Pointer Spot 75)



Gold



Silver



Black



White



Beige



Bronze



Green

See all Pointer colour options (XX) on page 66-67.

# Pointer (Recessed)

## SPECIFICATIONS

Beam angle (FWHM)	35° (45° FWTM) / 60° (80° FWTM)
CRI	93 (CRI82 see datasheet)
Fixture material	Housing: Die cast aluminium
Environment	Indoor
IP rate	IP20 and IP20 / IP44
IK rate	IK10
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.

EU 874/2012

\*See page 136 for more information about power supplies.

IP20

Pointer 75  
Pointer Spot 68 adj

IP20

Pointer 40 / Pointer 68 fix:  
Only when the product is installed in a closed ceiling it may be exposed to water splashes, and only on its front side.

IP44



## POINTER 40

Description	Item code	Input	W per lamp	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Pointer 40 LV 35° 225Lm 2700K Triac dim	0N3W03XXWN13	100-240V	6,6	34	93	5.9	0.96	II
Pointer 40 LV 35° 250Lm 3000K Triac dim	0N3W03XXWP13	100-240V	6,6	38	93	6.2	0.96	II
Pointer 40 LV 35° 275Lm 4000K Triac dim	0N3W03XXWQ13	100-240V	6,6	42	93	6.6	0.96	II
Pointer 40 LV 60° 375Lm 2700K Triac dim	0N3W03XXWR13	100-240V	6,6	57	93	17.6	0.96	II
Pointer 40 LV 60° 400Lm 3000K Triac dim	0N3W03XXWS13	100-240V	6,6	61	93	17.8	0.96	II
Pointer 40 LV 60° 425Lm 4000K Triac dim	0N3W03XXWT13	100-240V	6,6	64	93	18.0	0.96	II

## POINTER 68 FIX

Description	Item code	Input	W per lamp	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Pointer 68 fix LV 35° 325Lm 2700K Dali	0P3X03XXW013	220-240V	9,4	35	93	5.7	0.95	II
Pointer 68 fix LV 35° 350Lm 3000K Dali	0P3X03XXW113	220-240V	9,4	37	93	5.9	0.95	II
Pointer 68 fix LV 35° 375Lm 4000K Dali	0P3X03XXW213	220-240V	9,4	40	93	6.2	0.95	II
Pointer 68 fix LV 60° 475Lm 2700K Dali	0P3X03XXW313	220-240V	9,4	51	93	16.9	0.95	II
Pointer 68 fix LV 60° 525Lm 3000K Dali	0P3X03XXW413	220-240V	9,4	56	93	17.3	0.95	II
Pointer 68 fix LV 60° 575Lm 4000K Dali	0P3X03XXW513	220-240V	9,4	61	93	17.6	0.95	II

## POINTER SPOT 68 ADJ

Description	Item code	Input	W per lamp	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Pointer Spot 68 adj LV 35° 225Lm 2700K Dali	0Q3W03XXW013	220-240V	6,6	34	93	4.4	0.6	II
Pointer Spot 68 adj LV 35° 250Lm 3000K Dali	0Q3W03XXW113	220-240V	6,6	38	93	4.8	0.6	II
Pointer Spot 68 adj LV 35° 275Lm 4000K Dali	0Q3W03XXW213	220-240V	6,6	42	93	5.1	0.6	II
Pointer Spot 68 adj LV 60° 375Lm 2700K Dali	0Q3W03XXW313	220-240V	6,6	57	93	16.1	0.6	II
Pointer Spot 68 adj LV 60° 400Lm 3000K Dali	0Q3W03XXW413	220-240V	6,6	61	93	16.4	0.6	II
Pointer Spot 68 adj LV 60° 425Lm 4000K Dali	0Q3W03XXW513	220-240V	6,6	64	93	16.6	0.6	II

## POINTER SPOT 75

Description	Item code	Input	W per lamp	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Pointer Spot 75 LV 35° 325Lm 2700K Dali	0T3W03XXL002	220-240V	9,4	35	93	8.3	0.95	II
Pointer Spot 75 LV 35° 350Lm 3000K Dali	0T3W03XXL102	220-240V	9,4	37	93	8.5	0.95	II
Pointer Spot 75 LV 35° 375Lm 4000K Dali	0T3W03XXL202	220-240V	9,4	40	93	8.8	0.95	II
Pointer Spot 75 LV 60° 475Lm 2700K Dali	0T3W03XXL302	220-240V	9,4	51	93	19.5	0.95	II
Pointer Spot 75 LV 60° 525Lm 3000K Dali	0T3W03XXL402	220-240V	9,4	56	93	19.9	0.95	II
Pointer Spot 75 LV 60° 575Lm 4000K Dali	0T3W03XXL502	220-240V	9,4	61	93	20,2	0.95	II

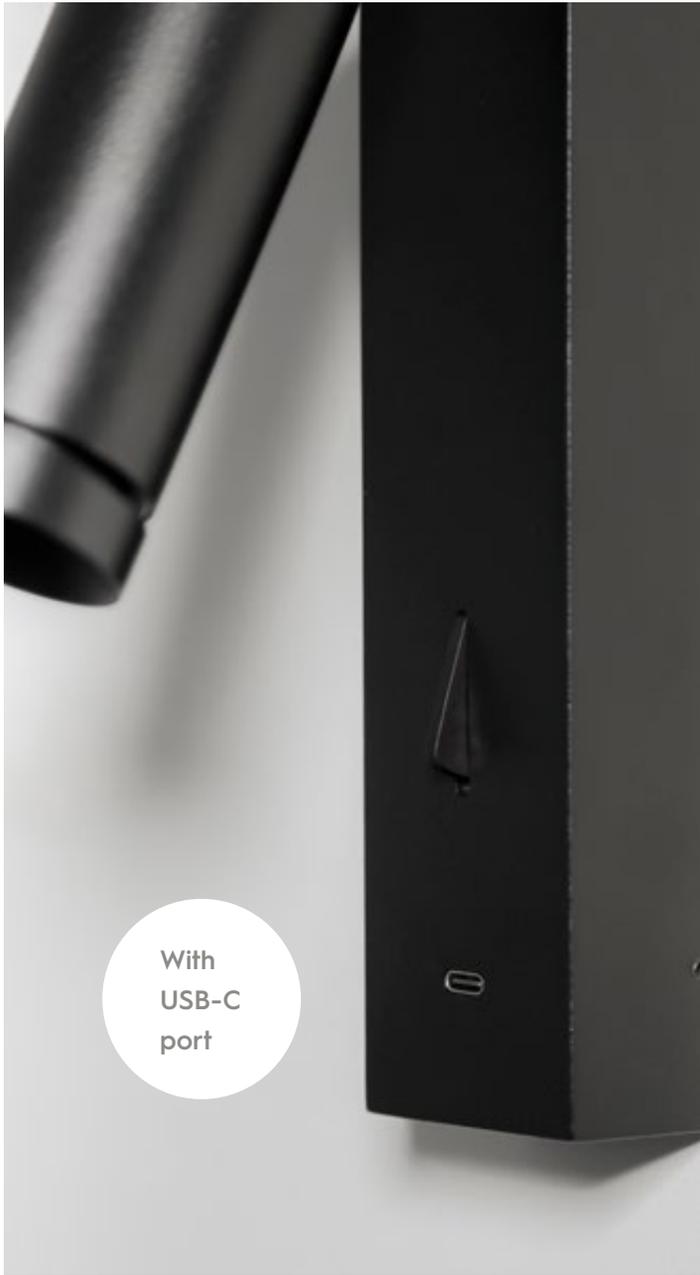
Versions also available as LVC and with No dim, Triac, 1-10V & Push. Check our datasheets, pricelist or website for all available versions

All values are measured at 230V (+/- 7%).



POINTER

SERIES



ILLUXTRON



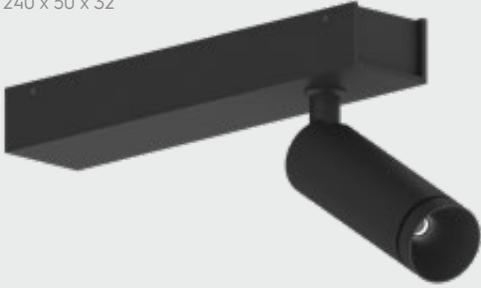
### **REDUCED GLARE (<UGR10)**

To reduce glare, the Pointer Spot's small light hole is recessed as far into the long tube as possible. Ideal for situations when multiple rail spots are used to illuminate the entire room.

New!  
CRI93

**Bartenbach**  
lighting optics

Pointer Spot SM 1L  
240 x 50 x 32



Pointer Spot SM 2L  
303x50x32



Pointer Spot WL  
303x50x32

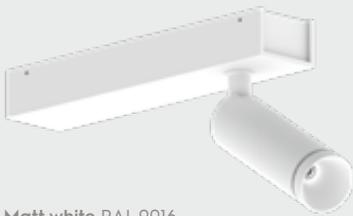


Pointer Spot  
Pendant SM



POINTER SPOT (SURFACE MOUNTED)

**COLOURS** See page 66-67 for more info.



Matt white RAL 9016



Matt black RAL 9005

**COLOURS** (Front ring)



Gold

Silver

Black

White

Beige

Bronze

Green

See all Pointer colour options (XX) on page 66-67.

# Pointer Spot (Surface mounted)

## SPECIFICATIONS

Beam angle (FWHM)	35° (45° FWTM) / 60° (80° FWTM)
CRI	93 (CRI82 see datasheet)
Fixture material	Housing: Die cast aluminium
Environment	Indoor
IP rate	IP20
IK rate	IK10
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.

EU 874/2012

IP20

Pointer 75  
Pointer Spot 68 adj



## POINTER SPOT SM 1L

Description	Item code	Input	W per lamp	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Pointer Spot SM 1L LV 35° 325Lm 2700K Dali	OR3W03XXL002	220-240V	9,4	35	93	8,3	0,95	II
Pointer Spot SM 1L LV 35° 350Lm 3000K Dali	OR3W03XXL102	220-240V	9,4	37	93	8,5	0,95	II
Pointer Spot SM 1L LV 35° 375Lm 4000K Dali	OR3W03XXL202	220-240V	9,4	40	93	8,8	0,95	II
Pointer Spot SM 1L LV 60° 475Lm 2700K Dali	OR3W03XXL302	220-240V	9,4	51	93	19,5	0,95	II
Pointer Spot SM 1L LV 60° 525Lm 3000K Dali	OR3W03XXL402	220-240V	9,4	56	93	19,9	0,95	II
Pointer Spot SM 1L LV 60° 575Lm 4000K Dali	OR3W03XXL502	220-240V	9,4	61	93	20,2	0,95	II

## POINTER SPOT SM 2L

Description	Item code	Input	W per lamp	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Pointer Spot SM 2L LV 35° 325Lm 2700K Dali	OS3W03XXL002	220-240V	18,8	35	93	8,3	0,95	II
Pointer Spot SM 2L LV 35° 350Lm 3000K Dali	OS3W03XXL102	220-240V	18,8	37	93	8,5	0,95	II
Pointer Spot SM 2L LV 35° 375Lm 4000K Dali	OS3W03XXL202	220-240V	18,8	40	93	8,8	0,95	II
Pointer Spot SM 2L LV 60° 475Lm 2700K Dali	OS3W03XXL302	220-240V	18,8	51	93	19,5	0,95	II
Pointer Spot SM 2L LV 60° 525Lm 3000K Dali	OS3W03XXL402	220-240V	18,8	56	93	19,9	0,95	II
Pointer Spot SM 2L LV 60° 575Lm 4000K Dali	OS3W03XXL502	220-240V	18,8	61	93	20,2	0,95	II

## POINTER SPOT PENDANT SM

Description	Item code	Input	W per lamp	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Pointer Spot Pendant SM LV 35° 325Lm 2700K Dali	OX3W03XXL002	220-240V	9,4	35	93	8,3	0,6	II
Pointer Spot Pendant SM LV 35° 350Lm 3000K Dali	OX3W03XXL102	220-240V	9,4	37	93	8,5	0,6	II
Pointer Spot Pendant SM LV 35° 375Lm 4000K Dali	OX3W03XXL202	220-240V	9,4	40	93	8,8	0,6	II
Pointer Spot Pendant SM LV 60° 475Lm 2700K Dali	OX3W03XXL302	220-240V	9,4	51	93	19,5	0,6	II
Pointer Spot Pendant SM LV 60° 525Lm 3000K Dali	OX3W03XXL402	220-240V	9,4	56	93	19,9	0,6	II
Pointer Spot Pendant SM LV 60° 575Lm 4000K Dali	OX3W03XXL502	220-240V	9,4	61	93	20,2	0,6	II

## POINTER SPOT WL

Description	Item code	Input	W per lamp	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Pointer Spot WL LV 35° 75 Lm 2700K No dim	OW3W03XXLU02	220-240V	3,3	23	93	3,2	0,95	II
Pointer Spot WL LV 35° 100 Lm 3000K No dim	OW3W03XXLV02	220-240V	3,3	30	93	4,2	0,95	II
Pointer Spot WL LV 35° 125 Lm 4000K No dim	OW3W03XXLW02	220-240V	3,3	38	93	4,9	0,95	II
Pointer Spot WL LV 60° 125 Lm 2700K No dim	OW3W03XXLX02	220-240V	3,3	38	93	14,9	0,95	II
Pointer Spot WL LV 60° 150 Lm 3000K No dim	OW3W03XXLY02	220-240V	3,3	46	93	15,5	0,95	II
Pointer Spot WL LV 60° 175 Lm 4000K No dim	OW3W03XXLZ02	220-240V	3,3	53	93	16,1	0,95	II

LV versions also available with No dim, Triac dim. Check our datasheets, pricelist or website for all available versions

All values are measured at 230V (+/- 7%).



Pointer  
Spot  
Pendant

POINTER SERIES





Pointer  
Spot  
Track 3F

POINTER SERIES





POINTER SERIES

New!  
CRI93

**Bartenbach**  
lighting optics

POINTER SPOT (TRACKS)



↔  
ø 48 mm



POINTER SPOT OPTIONS



Pointer Spot  
Pendant 3F



Pointer Spot  
Pendant 48V



Pointer Spot Track 3F



Pointer Spot Track 48V

COLOURS (Front ring)



Gold



Silver



Black



White



Beige



Bronze



Green

See all Pointer colour options (XX) on page 66-67.

# Pointer Spot (Tracks)

## SPECIFICATIONS

Beam angle (FWHM)	35° (45° FWTM) / 60° (80° FWTM)
CRI	93 (CRI82 see datasheet)
Fixture material	Housing: Die cast aluminium
Environment	Indoor
IP rate	IP20
IK rate	IK10
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

This luminaire contains built-in LED lamps.  
There are no exchangeable parts inside the luminaire.  
EU 874/2012

## TRACKS 230V & 48V

On request! Ask our sales department about the possibilities.



## POINTER SPOT PENDANT 3F

Description	Item code	Input	W per lamp	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Pointer Spot Pendant 3F LV 35° 325Lm 2700K Dali	0Y3W03XXL002	220-240V	9,4	35	93	8.3	0.95	II
Pointer Spot Pendant 3F LV 35° 350Lm 3000K Dali	0Y3W03XXL102	220-240V	9,4	37	93	8.5	0.95	II
Pointer Spot Pendant 3F LV 35° 375Lm 4000K Dali	0Y3W03XXL202	220-240V	9,4	40	93	8.8	0.95	II
Pointer Spot Pendant 3F LV 60° 475Lm 2700K Dali	0Y3W03XXL302	220-240V	9,4	51	93	19.5	0.95	II
Pointer Spot Pendant 3F LV 60° 525Lm 3000K Dali	0Y3W03XXL402	220-240V	9,4	56	93	19.9	0.95	II
Pointer Spot Pendant 3F LV 60° 575Lm 4000K Dali	0Y3W03XXL502	220-240V	9,4	61	93	20,2	0.95	II

## POINTER SPOT PENDANT 48V

Description	Item code	Input	W per lamp	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Pointer Spot Pendant 48V LV 35° 325Lm 2700K Dali	0Z3W03XXL002	220-240V	9,4	35	93	8.3	x	III
Pointer Spot Pendant 48V LV 35° 350Lm 3000K Dali	0Z3W03XXL102	220-240V	9,4	37	93	8.5	x	III
Pointer Spot Pendant 48V LV 35° 375Lm 4000K Dali	0Z3W03XXL202	220-240V	9,4	40	93	8.8	x	III
Pointer Spot Pendant 48V LV 60° 475Lm 2700K Dali	0Z3W03XXL302	220-240V	9,4	51	93	19.5	x	III
Pointer Spot Pendant 48V LV 60° 525Lm 3000K Dali	0Z3W03XXL402	220-240V	9,4	56	93	19.9	x	III
Pointer Spot Pendant 48V LV 60° 575Lm 4000K Dali	0Z3W03XXL502	220-240V	9,4	61	93	20,2	x	III

## POINTER SPOT TRACK 3F

Description	Item code	Input	W per lamp	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Pointer Spot Track 3F LV 35° 325Lm 2700K Dali	0U3W03XXL002	220-240V	9,4	35	93	8.3	0.95	II
Pointer Spot Track 3F LV 35° 350Lm 3000K Dali	0U3W03XXL102	220-240V	9,4	37	93	8.5	0.95	II
Pointer Spot Track 3F LV 35° 375Lm 4000K Dali	0U3W03XXL202	220-240V	9,4	40	93	8.8	0.95	II
Pointer Spot Track 3F LV 60° 475Lm 2700K Dali	0U3W03XXL302	220-240V	9,4	51	93	19.5	0.95	II
Pointer Spot Track 3F LV 60° 525Lm 3000K Dali	0U3W03XXL402	220-240V	9,4	56	93	19.9	0.95	II
Pointer Spot Track 3F LV 60° 575Lm 4000K Dali	0U3W03XXL502	220-240V	9,4	61	93	20,2	0.95	II

## POINTER SPOT TRACK 48V

Description	Item code	Input	W per lamp	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Pointer Spot Track 48V LV 35° 325Lm 2700K Dali	0V3W03XXL002	220-240V	9,4	35	93	8.3	x	III
Pointer Spot Track 48V LV 35° 350Lm 3000K Dali	0V3W03XXL102	220-240V	9,4	37	93	8.5	x	III
Pointer Spot Track 48V LV 35° 375Lm 4000K Dali	0V3W03XXL202	220-240V	9,4	40	93	8.8	x	III
Pointer Spot Track 48V LV 60° 475Lm 2700K Dali	0V3W03XXL302	220-240V	9,4	51	93	19.5	x	III
Pointer Spot Track 48V LV 60° 525Lm 3000K Dali	0V3W03XXL402	220-240V	9,4	56	93	19.9	x	III
Pointer Spot Track 48V LV 60° 575Lm 4000K Dali	0V3W03XXL502	220-240V	9,4	61	93	20,2	x	III

LV versions also available with No dim. Check our datasheets, pricelist or website for all available versions

All values are measured at 230V (+/- 7%).



# Colour options

Pointer Spots  
Standard colours

OPTIONS





### Itemcodes

Housing/ Front ring	Item code	Housing/ Front ring	Item code
White/Gold	XX=61	Black/Gold	XX=71
White/Silver	XX=63	Black/Silver	XX=74
White/Black	XX=62	Black/Black	XX=72
White/White	XX=65	Black/White	XX=76
White/Beige	XX=52	Black/Beige	XX=70
White/Bronze	XX=53	Black/Bronze	XX=78
White/Green	XX=54	Black/Green	XX=79

**Example**  
Itemcode 0T2703XXLU02

Housing      Ring

○ ●      ● ○ ● ○

↑            ↑

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XX = 71

FIDO SERIES

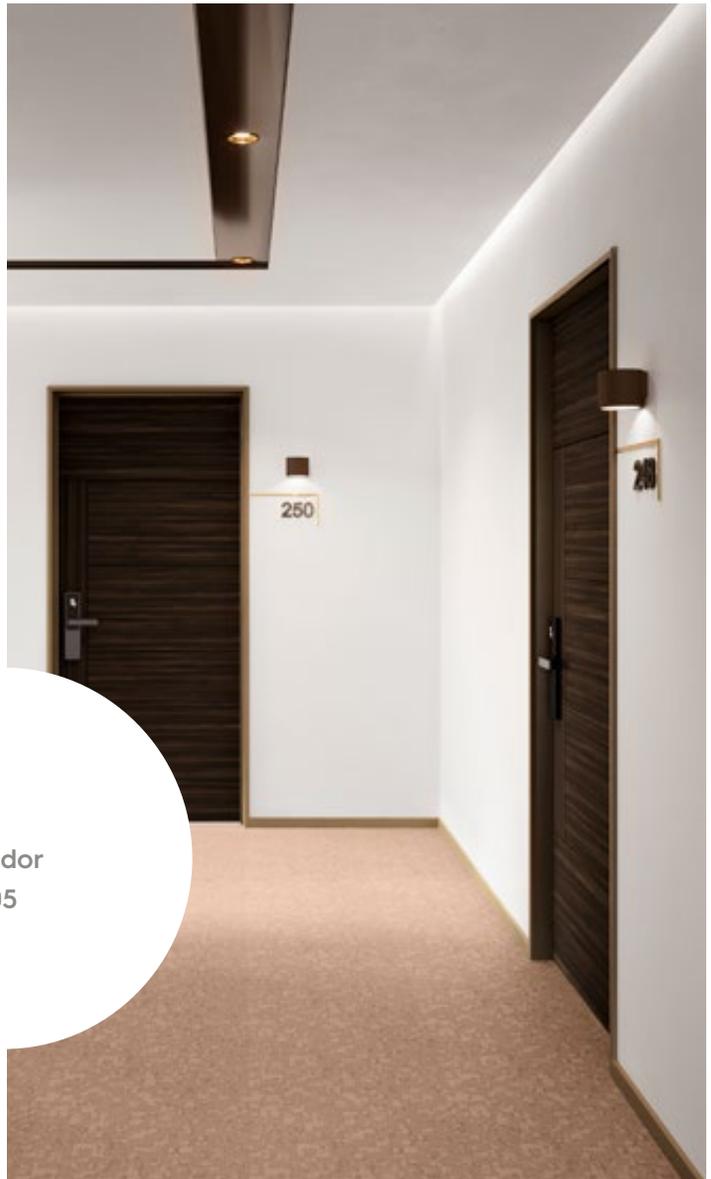


Fido Series  
Ceiling lights  
Fido CL 105



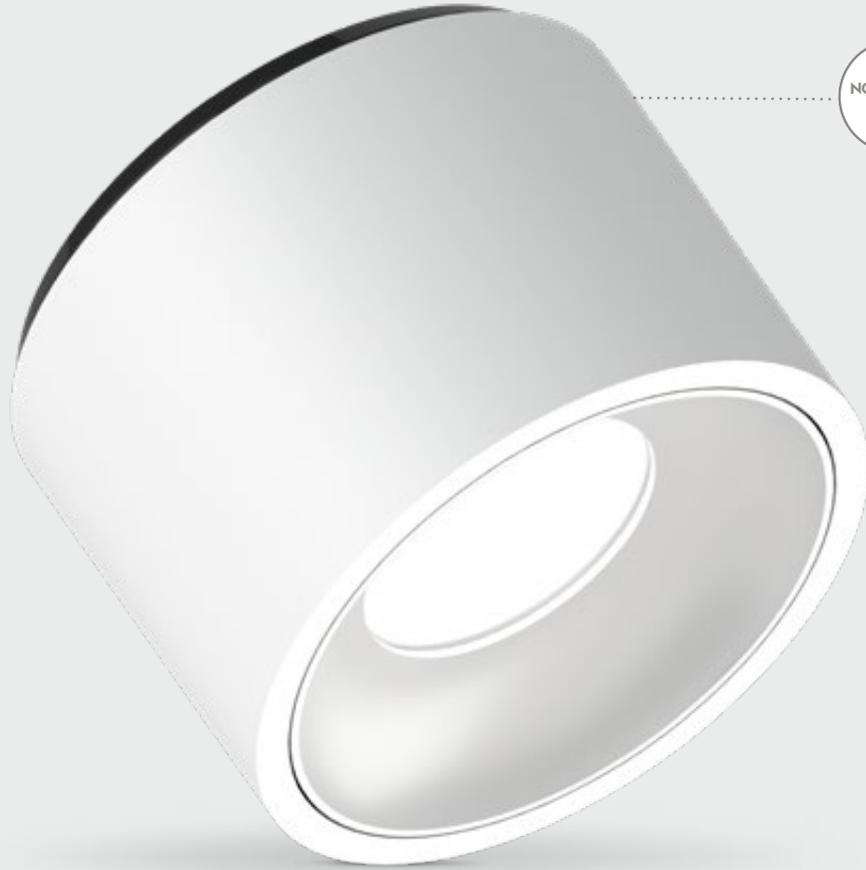
Custom colours possible

Wall lights  
Hotel corridor  
Fido WL 105



FIDO SERIES

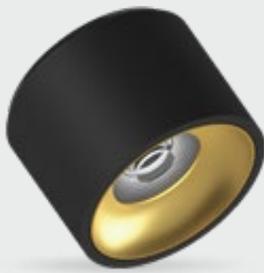
FIDO CL/WL 105



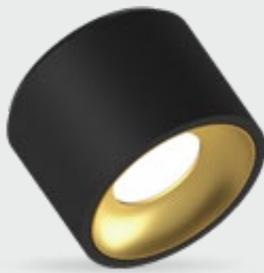
NO SCREWS  
VISIBLE

← →  
ø 104 mm

**BEAM ANGLE**



Reflector  
HV-FD: 40°



Diffuser  
HV-FD: 80°

**FIDO WL 105**



Also available as a wall light  
Fido WL 105.

**COLOURS**



Matt black  
RAL 9005



Matt white  
RAL 9016

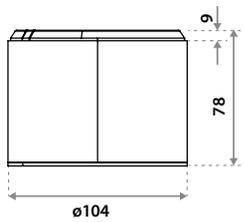


Housing/ Deco ring	Item code	Housing/ Deco ring	Item code
White/Gold	XX=61	Black/Gold	XX=71
White/Black	XX=62	Black/Black	XX=72
White/White	XX=65	Black/White	XX=76

# Fido CL/WL 105

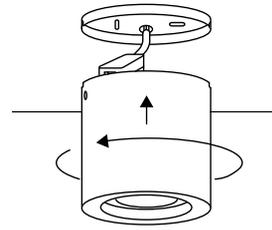
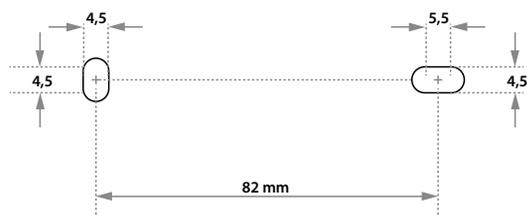
## DIMENSIONS

Fido CL 105

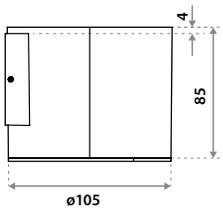


## FIXATION DIMENSIONS

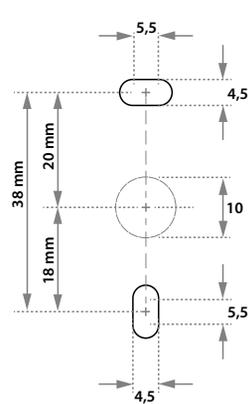
Fido CL 105



Fido WL 105



Fido WL 105



## SPECIFICATIONS

Beam angle (FWHM)	40° / 80°
Fixture material	Housing: Die cast aluminium Reflector glass: Polycarbonate
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

This luminaire contains built-in LED lamps.  
There are no exchangeable parts inside the luminaire.  
EU 874/2012

IP20

MADE IN HOLLAND

7 YEAR WARRANTY

ECO

shc bridgelux

## ITEM SPECIFICATIONS

Description	40°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
Fido CL 105 HV-FD 800Lm 2700K Triac dim	F32A03XX5A02	13.7	F32A03XX5B02	24.8	10.5	76	93	0.99	II
Fido CL 105 HV-FD 800Lm 3000K Triac dim	F32A03XX5C02	13.7	F32A03XX5D02	24.8	10.3	78	93	0.99	II
Fido CL 105 HV-FD 800Lm 4000K Triac dim	F32A03XX5E02	13.7	F32A03XX5F02	24.8	10.1	79	93	0.99	II
Fido CL 105 HV-FD 800Lm 2200-3000K Triac dim	F32A03XX5G02	13.7	F32A03XX5H02	24.8	10.3	78	93	0.99	II
Fido WL 105 HV-FD 800Lm 2700K Triac dim	F42A03XX5A02	13.7	F42A03XX5B02	24.8	10.5	76	93	0.99	II
Fido WL 105 HV-FD 800Lm 3000K Triac dim	F42A03XX5C02	13.7	F42A03XX5D02	24.8	10.3	78	93	0.99	II
Fido WL 105 HV-FD 800Lm 4000K Triac dim	F42A03XX5E02	13.7	F42A03XX5F02	24.8	10.1	79	93	0.99	II
Fido WL 105 HV-FD 800Lm 2200-3000K Triac dim	F42A03XX5G02	13.7	F42A03XX5H02	24.8	10.3	78	93	0.99	II

All values are measured at 230V (+/- 7%).



ILLUXTRON

STRADA / VECTOR SERIES



COLLECTION

Achieve pure  
elegance with the  
IP65 downlights







Corridor  
Vector CL 235

See page 22

New! CRI93

**Bartenbach**  
lighting optics



STRADA 35/50

∅ 40 mm

**COLOURS**



Matt black  
RAL 9005



Matt white  
RAL 9016



Housing/ Deco ring	Item code	Housing/ Deco ring	Item code
White/Gold	XX=61	Black/Gold	XX=71
White/Silver	XX=63	Black/Silver	XX=74
White/Black	XX=62	Black/Black	XX=72
White/White	XX=65	Black/White	XX=76

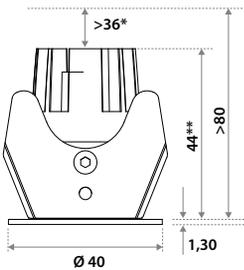
**SPRINGS**



Standard with CS springs (concrete/gyproc). Also available as above with WS springs (gyproc/metal).

# Strada 35/50

## DIMENSIONS



- \* This distance is necessary because of the height of the connection box (80 mm). Purely for heat reasons just 5 mm is sufficient.
- \*\* For WS springs this dimension is 60 mm

## STRADA 50 ADJ



Also available as adjustable version Strada 50. Check our website and datasheets for more information.

## SPECIFICATIONS

Beam angle (FWHM)	40° (65° FWTM)
Fixture material	Housing: Die cast aluminium Reflector glass: Polycarbonate
Environment	Indoor
IP rate	IP20 / IP44
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.

EU 874/2012

\*See page 136 for more information about power supplies.



**Using CS springs:** Ø 35 mm.  
Thickness ceiling 5-80 mm  
& recess depth 80 mm.



**Using WS springs:** Ø 36 mm.  
Thickness ceiling 1-50 mm  
& recess depth 80 mm.

Only when the product is installed in a closed ceiling it may be exposed to water splashes, and only on its front side.



## ITEM SPECIFICATIONS

Description	Item code	Input	Vf	W per lamp	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Strada 35 LV 450Lm 2700K No dim	853Y03XX0102	100-240V	x	6.6	69	93	14.8	0.88	II
Strada 35 LV 475Lm 3000K No dim	853Y03XX7202	100-240V	x	6.6	73	93	15.0	0.88	II
Strada 35 LV 500Lm 4000K No dim	853Y03XX0202	100-240V	x	6.6	76	93	15.2	0.88	II
Strada 35 LVC 500mA 450Lm 2700K Dim	853Y03XX01E2	500mA	11.4	5.7	79	93	14.8	x	III
Strada 35 LVC 500mA 475Lm 3000K Dim	853Y03XX72E2	500mA	11.4	5.7	83	93	15.0	x	III
Strada 35 LVC 500mA 500Lm 4000K Dim	853Y03XX02E2	500mA	11.4	5.7	88	93	15.2	x	III

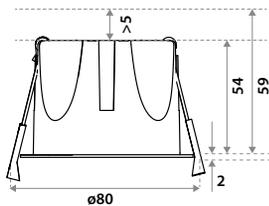
All values are measured at 230V (+/- 7%).





# Strada 68

## DIMENSIONS



## SPECIFICATIONS

Beam angle (FWHM)	See the item specifications below
Fixture material	Housing: Die cast aluminium Reflector glass: Polycarbonate
Environment	Indoor
IP rate	IP20 / IP44 and IP65
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.

EU 874/2012

## CHOOSE YOUR LV LUMEN OUTPUT

CRI95 standard	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	125	4.5	700	725	750	155	161	166
Standard	250	9.3	1350	1375	1425	145	148	153
Special request	350	13.2	1825	1875	1925	138	142	145

CRI97 standard	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	125	5,0	475	500	525	95	100	105
Special request	250	9.8	850	900	1000	87	92	102
Standard	350	13.8	1150	1250	1350	83	91	98



Using WS springs: Ø 68 mm. Thickness ceiling 1-54 mm & recess depth 60 mm.

Only when the product is installed in a closed ceiling it may be exposed to water splashes, and only on its front side.



eldoLED   
CASAMBI

## ITEM SPECIFICATIONS

Description Strada 68	24°		60°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR					
LV-HE 1350Lm 2700K CRI95 No dim	85TH03XX9K02	23.4	85TH03XX9L02	24.2	85TH03XX9M02	28.7	9,3	145	95	0.95	II
LV-HE 1350Lm 2700K CRI95 Dali	85TH03XX9B02	23.4	85TH03XX9E02	24.2	85TH03XX9H02	28.7	9,3	145	95	0.95	II
LV-HE 1375Lm 3000K CRI95 No dim	85TJ03XX9K02	23.5	85TJ03XX9L02	24.3	85TJ03XX9M02	28.8	9,3	148	95	0.95	II
LV-HE 1375Lm 3000K CRI95 Dali	85TJ03XX9B02	23.5	85TJ03XX9E02	24.3	85TJ03XX9H02	28.8	9,3	148	95	0.95	II
LV-HE 1425Lm 4000K CRI95 No dim	85TK03XX9K02	23.6	85TK03XX9L02	24.4	85TK03XX9M02	28.9	9,3	153	95	0.95	II
LV-HE 1425Lm 4000K CRI95 Dali	85TK03XX9B02	23.6	85TK03XX9E02	24.4	85TK03XX9H02	28.9	9,3	153	95	0.95	II
LV 1150Lm 2700K CRI97 No dim	85RH03XX9K02	22.8	85RH03XX9L02	23.7	85RH03XX9M02	28.1	13.8	83	97	0.99	II
LV 1150Lm 2700K CRI97 Dali	85RH03XX9B02	22.8	85RH03XX9E02	23.7	85RH03XX9H02	28.1	13.8	83	97	0.95	II
LV 1250Lm 3000K CRI97 No dim	85RJ03XX9K02	23.1	85RJ03XX9L02	24.0	85RJ03XX9M02	28.4	13.8	91	97	0.99	II
LV 1250Lm 3000K CRI97 Dali	85RJ03XX9B02	23.1	85RJ03XX9E02	24.0	85RJ03XX9H02	28.4	13.8	91	97	0.95	II
LV 1350Lm 4000K CRI97 No dim	85RK03XX9K02	23.4	85RK03XX9L02	24.2	85RK03XX9M02	28.7	13.8	98	97	0.99	II
LV 1350Lm 4000K CRI97 Dali	85RK03XX9B02	23.4	85RK03XX9E02	24.2	85RK03XX9H02	28.7	13.8	98	97	0.95	II
LV 1250Lm 1800-3000K CRI97 Dali	85RL03XX9B02	23.1	85RL03XX9E02	24.0	85RL03XX9H02	28.4	13.8	91	97	0.95	II
PI-LED 720-820Lm 1800-16000K Dali	x	x	85RX03XX9E02	24.8	x	x	12.0	68	>90	>0.90	II

LV versions also available with: Triac dim | Casambi | 1-10V & Push | Check our datasheets, pricelist or website for all available versions

Description Strada 68	24°		60°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR					
LV-HE 1350Lm 2700K CRI95 No dim	85TL03XX9K02	23.4	85TL03XX9L02	24.2	85TL03XX9M02	28.7	9,3	145	95	0.95	II
LV-HE 1350Lm 2700K CRI95 Dali	85TL03XX9B02	23.4	85TL03XX9E02	24.2	85TL03XX9H02	28.7	9,3	145	95	0.95	II
LV-HE 1375Lm 3000K CRI95 No dim	85TM03XX9K02	23.5	85TM03XX9L02	24.3	85TM03XX9M02	28.8	9,3	148	95	0.95	II
LV-HE 1375Lm 3000K CRI95 Dali	85TM03XX9B02	23.5	85TM03XX9E02	24.3	85TM03XX9H02	28.8	9,3	148	95	0.95	II
LV-HE 1425Lm 4000K CRI95 No dim	85TN03XX9K02	23.6	85TN03XX9L02	24.4	85TN03XX9M02	28.9	9,3	153	95	0.95	II
LV-HE 1425Lm 4000K CRI95 Dali	85TN03XX9B02	23.6	85TN03XX9E02	24.4	85TN03XX9H02	28.9	9,3	153	95	0.95	II
LV 1150Lm 2700K CRI97 No dim	85RN03XX9K02	22.8	85RN03XX9L02	23.7	85RN03XX9M02	28.1	13.8	83	97	0.93	II
LV 1150Lm 2700K CRI97 Dali	85RN03XX9B02	22.8	85RN03XX9E02	23.7	85RN03XX9H02	28.1	13.8	83	97	0.95	II
LV 1250Lm 3000K CRI97 No dim	85RP03XX9K02	23.1	85RP03XX9L02	24.0	85RP03XX9M02	28.4	13.8	91	97	0.93	II
LV 1250Lm 3000K CRI97 Dali	85RP03XX9B02	23.1	85RP03XX9E02	24.0	85RP03XX9H02	28.4	13.8	91	97	0.95	II
LV 1350Lm 4000K CRI97 No dim	85RQ03XX9K02	23.4	85RQ03XX9L02	24.2	85RQ03XX9M02	28.7	13.8	98	97	0.93	II
LV 1350Lm 4000K CRI97 Dali	85RQ03XX9B02	23.4	85RQ03XX9E02	24.2	85RQ03XX9H02	28.7	13.8	98	97	0.95	II
LV 1250Lm 1800-3000K CRI97 Dali	85RR03XX9B02	23.1	85RR03XX9E02	24.0	85RR03XX9H02	28.4	13.8	91	97	0.95	II

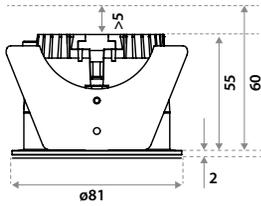
All values are measured at 230V (+/- 7%).





# Strada 75/90

## DIMENSIONS



## SPECIFICATIONS

Beam angle (FWHM)	See the item specifications below
Fixture material	Housing: Die cast aluminium Reflector glass: Polycarbonate
Environment	Indoor
IP rate	IP20 / IP44
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

This luminaire contains built-in LED lamps.  
There are no exchangeable parts inside the luminaire.  
EU 874/2012

## CHOOSE YOUR LV LUMEN OUTPUT

CRI95 standard	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	125	4.5	700	725	750	155	161	166
Standard	250	9.3	1350	1375	1425	145	148	153
Special request	350	13.2	1825	1875	1925	138	142	145

CRI97 standard	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	125	5.0	475	500	525	95	100	105
Special request	250	9.8	850	900	1000	87	92	102
Standard	350	13.8	1150	1250	1350	83	91	98



Using CS springs: Ø 75 mm.  
Thickness ceiling 5-60 mm  
& recess depth 60 mm.



Using WS springs: Ø 77 mm.  
Thickness ceiling 1-55 mm  
& recess depth 60 mm.

Only when the product is installed in a closed ceiling it may be exposed to water splashes, and only on its front side.



eldoLED bhc ETE TICU bridgelux  
CASAMBI LUMILEDS KGP

## ITEM SPECIFICATIONS

Description Strada 75	40°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
HV-FD 800Lm 2700K Triac dim	852A03XX5A02	15.7	852A03XX5B02	26.9	10.5	76	93	0.99	I
HV-FD 800Lm 3000K Triac dim	852A03XX5C02	15.7	852A03XX5D02	26.9	10.3	78	93	0.99	I
HV-FD 800Lm 4000K Triac dim	852A03XX5E02	15.7	852A03XX5F02	26.9	10.1	79	93	0.99	I
HV-FD 800Lm 2200-3000K Triac dim	852A03XX5G02	15.7	852A03XX5H02	26.9	10.3	78	93	0.99	I

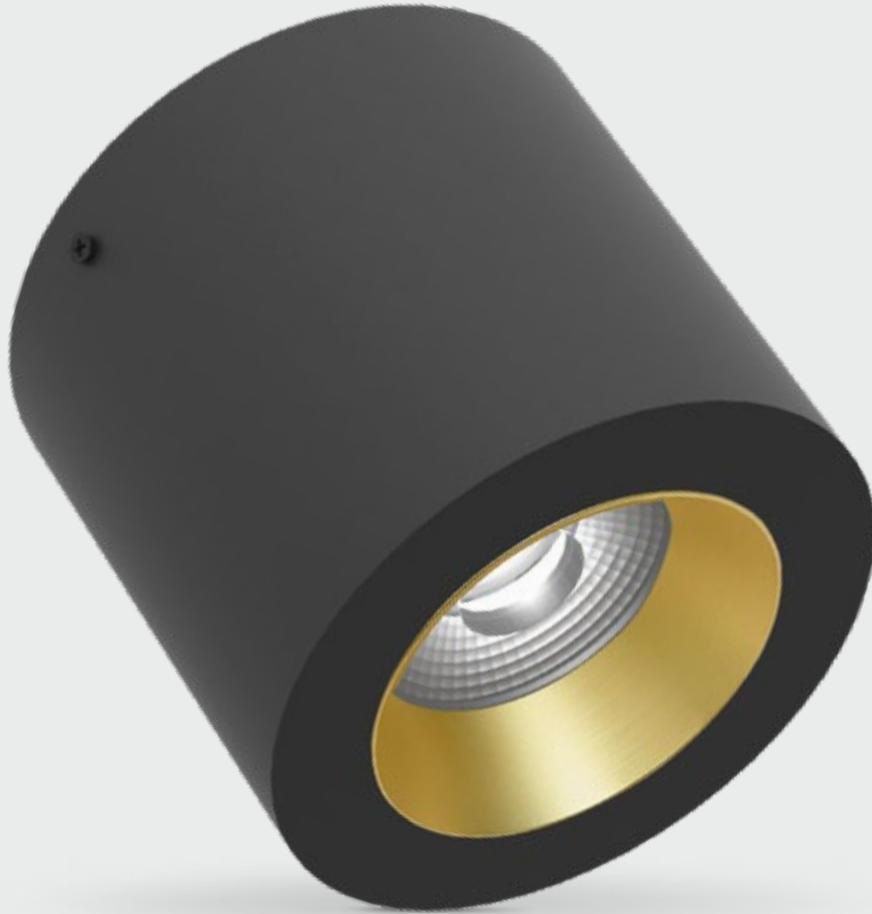
Description Strada 75	24°		60°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR					
LV-HE 1350Lm 2700K CRI95 No dim	85SA03XX4K02	23.4	85SA03XX4L02	24.2	85SA03XX4M02	28.7	9.3	145	95	0.95	II
LV-HE 1350Lm 2700K CRI95 Dali	85SA03XX4B02	23.4	85SA03XX4E02	24.2	85SA03XX4H02	28.7	9.3	145	95	0.95	II
LV-HE 1375Lm 3000K CRI95 No dim	85SB03XX4K02	23.5	85SB03XX4L02	24.3	85SB03XX4M02	28.8	9.3	148	95	0.95	II
LV-HE 1375Lm 3000K CRI95 Dali	85SB03XX4B02	23.5	85SB03XX4E02	24.3	85SB03XX4H02	28.8	9.3	148	95	0.95	II
LV-HE 1425Lm 4000K CRI95 No dim	85SE03XX4K02	23.6	85SE03XX4L02	24.4	85SE03XX4M02	28.9	9.3	153	95	0.95	II
LV-HE 1425Lm 4000K CRI95 Dali	85SE03XX4B02	23.6	85SE03XX4E02	24.4	85SE03XX4H02	28.9	9.3	153	95	0.95	II
LV 1150Lm 2700K CRI97 No dim	855A03XX4K02	22.8	855A03XX4L02	23.7	855A03XX4M02	28.1	13.8	83	97	0.99	II
LV 1150Lm 2700K CRI97 Dali	855A03XX4B02	22.8	855A03XX4E02	23.7	855A03XX4H02	28.1	13.8	83	97	0.95	II
LV 1250Lm 3000K CRI97 No dim	855B03XX4K02	23.1	855B03XX4L02	24.0	855B03XX4M02	28.4	13.8	91	97	0.99	II
LV 1250Lm 3000K CRI97 Dali	855B03XX4B02	23.1	855B03XX4E02	24.0	855B03XX4H02	28.4	13.8	91	97	0.95	II
LV 1350Lm 4000K CRI97 No dim	855G03XX4K02	23.4	855G03XX4L02	24.2	855G03XX4M02	28.7	13.8	98	97	0.99	II
LV 1350Lm 4000K CRI97 Dali	855G03XX4B02	23.4	855G03XX4E02	24.2	855G03XX4H02	28.7	13.8	98	97	0.95	II
LV 1250Lm 1800-3000K CRI97 Dali	855E03XX4B02	23.1	855E03XX4E02	24.0	855E03XX4H02	28.4	13.8	91	97	0.95	II
LV-TW 1250Lm 2700-6500K CRI93 Dali	-	-	856A03XX4W02	24.0	856A03XX4Y02	28.4	10.6	118	93	0.90	II

LV versions also available with: Triac dim Casambi 1-10V & Push Check our datasheets, pricelist or website for all available versions

All values are measured at 230V (+/- 7%). See datasheets for the HV-FD dimmerlist.

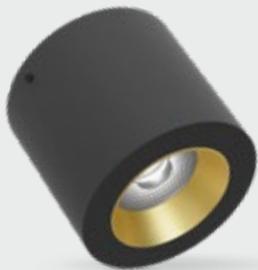


VECTOR CL 100

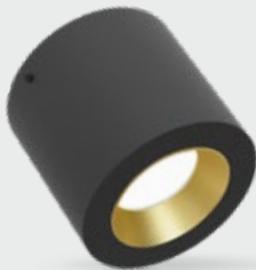


∅ 103 mm

**BEAM ANGLE**



Lens  
HV-FD: 40°



Diffuser  
HV-FD: 80°

**COLOURS**



Matt black  
RAL 9005



Matt white  
RAL 9016

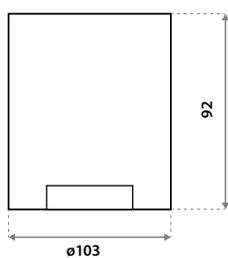
**COLOURS** (Deco ring)



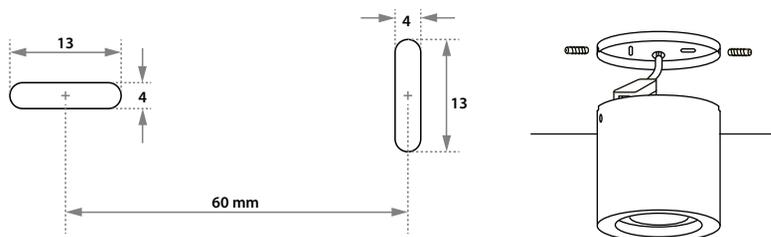
See all Vector 100 colour options (XX) on page 84-85.

# Vector CL 100

## DIMENSIONS



## FIXATION DIMENSIONS



## SPECIFICATIONS

Beam angle (FWHM)	40° / 80°
Fixture material	Housing: Die cast aluminium Reflector glass: Polycarbonate
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

This luminaire contains built-in LED lamps.  
There are no exchangeable parts inside the luminaire.  
EU 874/2012

IP20

MADE IN HOLLAND

7 YEAR WARRANTY

ECO

57C bridgelux.

## ITEM SPECIFICATIONS

Description	40°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
Vector CL 100 HV-FD 800Lm 2700K Triac dim	7B2A03XX5A02	15.7	7B2A03XX5B02	26.9	10.5	76	93	0.99	II
Vector CL 100 HV-FD 800Lm 3000K Triac dim	7B2A03XX5C02	15.7	7B2A03XX5D02	26.9	10.3	78	93	0.99	II
Vector CL 100 HV-FD 800Lm 4000K Triac dim	7B2A03XX5E02	15.7	7B2A03XX5F02	26.9	10.1	79	93	0.99	II
Vector CL 100 HV-FD 800Lm 2200-3000K Triac dim	7B2A03XX5G02	15.7	7B2A03XX5H02	26.9	10.3	78	93	0.99	II

All values are measured at 230V (+/- 7%).



# Colour options

Strada / Vector  
Standard colours

OPTIONS





**Example**  
 Itemcode 85SA03XX4M02

Housing      Ring

○ ●      ● ○ ● ○

↑            ↑

XX = 71

**Itemcodes**

Housing/ Deco ring	Item code	Housing/ Deco ring	Item code
White/Gold	XX=61	Black/Gold	XX=71
White/Silver	XX=63	Black/Silver	XX=74
White/Black	XX=62	Black/Black	XX=72
White/White	XX=65	Black/White	XX=76
White/Beige	XX=52	Black/Beige	XX=70
White/Bronze	XX=53	Black/Bronze	XX=78
White/Green	XX=54	Black/Green	XX=79



New!  
CRI95



← →  
ø 108 mm

STRADA 100/150

**BEAM ANGLE**



Reflector  
LV: 18° / 37° / 60°



Diffuser  
LV: 80°

**STRADA 150**



Also available as Strada 150.  
Check our website and data-sheets for more information.

**COLOURS**



Matt black  
RAL 9005



Matt white  
RAL 9016



61	63	62	65
71	74	72	76

Housing/ Deco ring	Item code	Housing/ Deco ring	Item code
White/Gold	XX=61	Black/Gold	XX=71
White/Silver	XX=63	Black/Silver	XX=74
White/Black	XX=62	Black/Black	XX=72
White/White	XX=65	Black/White	XX=76

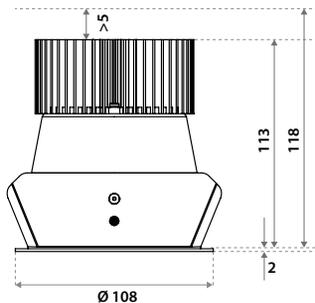
**SPRINGS**



Standard with CS springs  
(concrete/gyproc). Also  
available as above with  
WS springs (gyproc/  
metal).

# Strada 100/150

## DIMENSIONS



## CHOOSE YOUR LV LUMEN OUTPUT

CRI95 standard	mA	W per lamp	Lumen Output		Lumen / Watt	
			3000K	4000K	3000K	4000K
Special request	250	9,4	1250	1275	133	136
Special request	350	13,3	1725	1750	130	132
Special request	500	19,4	2400	2500	124	129
Standard	700	28,0	3300	3500	118	125
Special request	800	32,5	3725	3950	115	122
Special request	900	37,0	4150	4400	112	119
Special request	1050	44,1	4575	4850	104	110
Standard	1200	51,3	5000	5300	97	103

## SPECIFICATIONS

Beam angle (FWHM)	18° / 37° / 60° / 80°
Fixture material	Die cast aluminium / Glass
Environment	Indoor
IP rate	IP20 / IP44
IK rate	IK09
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
CRI	95 (CRI82 see pricelist)
Pf	0.95 (0.99 No dim 700mA)
Warranty	7 years

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.

EU 874/2012

Ask our sales department about the possibilities for:  
- Tuneable white 2700-6500K.



**IP20**  
Only when the product is installed in a closed ceiling it may be exposed to water splashes, and only on its front side.

**IP44**



**Using CS springs:** Ø 100 mm. Thickness ceiling 5-118 mm & recess depth 118 mm. For plasterboard ceilings or similar harder materials thicker than 9 mm.



**Using WS springs:** Ø 100 mm. Thickness 1-55 mm & recess depth 118 mm. For soft ceiling tiles. We recommend using a ceiling ring on the reverse side of the tile.



TCI LUMILEDS TE bridgelux KGP eldoLED

## ITEM SPECIFICATIONS

Description Strada 100	18°		37°		60°		80°		W per lamp	Lm/W	Safety class
	Item code	UGR									
LV-HE 3300Lm 3000K CRI95 No dim	85R003XXCA02	19.1	85R003XXCB02	18.6	85R003XXCC02	21.6	85R003XXG602	29.7	28,0	118	II
LV-HE 3300Lm 3000K CRI95 1-10V & Push	85R003XXNA02	19.1	85R003XXNB02	18.6	85R003XXNC02	21.6	85R003XXU602	29.7	28,0	118	II
LV-HE 3300Lm 3000K CRI95 Dali	85R003XXPA02	19.1	85R003XXPB02	18.6	85R003XXPC02	21.6	85R003XXT602	29.7	28,0	118	II
LV-HE 3500Lm 4000K CRI95 No dim	85R003XXCD02	19.3	85R003XXCE02	18.8	85R003XXCF02	21.8	85R003XXG802	30.0	28,0	125	II
LV-HE 3500Lm 4000K CRI95 1-10V & Push	85R003XXND02	19.3	85R003XXNE02	18.8	85R003XXNF02	21.8	85R003XXU802	30.0	28,0	125	II
LV-HE 3500Lm 4000K CRI95 Dali	85R003XXPD02	19.3	85R003XXPE02	18.8	85R003XXPF02	21.8	85R003XXT802	30.0	28,0	125	II
LV-HE 5000Lm 3000K CRI95 No dim	85R003XXCR02	20.5	85R003XXCS02	20.0	85R003XXCT02	23.1	85R003XXG702	31.2	51,3	97	II
LV-HE 5000Lm 3000K CRI95 1-10V & Push	85R003XXNK02	20.5	85R003XXNL02	20.0	85R003XXNM02	23.1	85R003XXU702	31.2	51,3	97	I
LV-HE 5000Lm 3000K CRI95 Dali	85R003XXPK02	20.5	85R003XXPL02	20.0	85R003XXPM02	23.1	85R003XXT702	31.2	51,3	97	I
LV-HE 5300Lm 4000K CRI95 No dim	85R003XXCU02	20.7	85R003XXCV02	20.2	85R003XXCW02	23.3	85R003XXG902	31.4	51,3	103	II
LV-HE 5300Lm 4000K CRI95 1-10V & Push	85R003XXNN02	20.7	85R003XXNP02	20.2	85R003XXNQ02	23.3	85R003XXU902	31.4	51,3	103	I
LV-HE 5300Lm 4000K CRI95 Dali	85R003XXPN02	20.7	85R003XXPP02	20.2	85R003XXPQ02	23.3	85R003XXT902	31.4	51,3	103	I

All values are measured at 230V (+/- 7%).

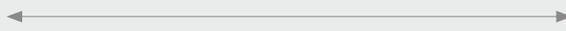


New!  
CRI95

NO SCREWS  
VISIBLE

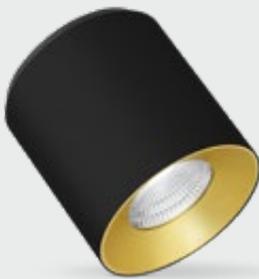


VECTOR CL 145

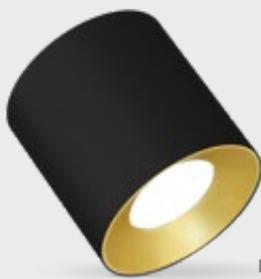


∅ 145 mm

**BEAM ANGLE**

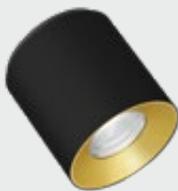


Reflector  
LV: 18° / 37° / 60°



Diffuser  
LV: 80°

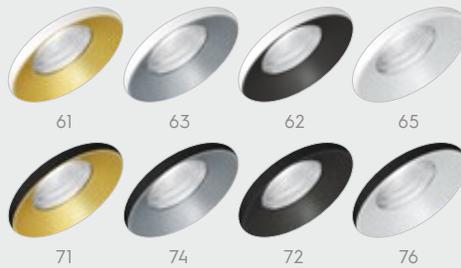
**COLOURS**



Matt black  
RAL 9005



Matt white  
RAL 9016



61

63

62

65

71

74

72

76

**Housing/  
Deco ring**

**Item  
code**

**Housing/  
Deco ring**

**Item  
code**

White/Gold XX=61

Black/Gold XX=71

White/Silver XX=63

Black/Silver XX=74

White/Black XX=62

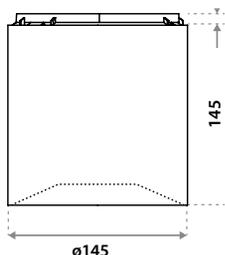
Black/Black XX=72

White/White XX=65

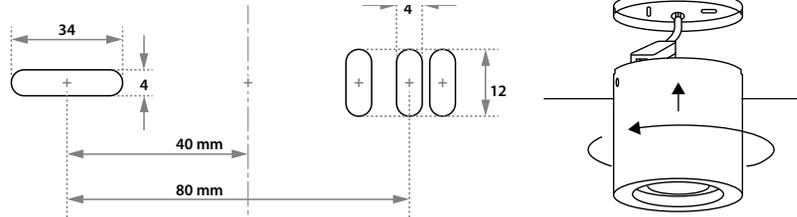
Black/White XX=76

# Vector CL 145

## DIMENSIONS



## FIXATION DIMENSIONS



## SPECIFICATIONS

Beam angle (FWHM)	18° / 37° / 60° / 80°
Fixture material	Die cast aluminium / Glass
Environment	Indoor
IP rate	IP20
IK rate	IK09
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Safety class	II
Warranty	7 years

This luminaire contains built-in LED lamps.  
There are no exchangeable parts inside the luminaire.  
EU 874/2012

## CHOOSE YOUR LV LUMEN OUTPUT

CRI95 special request	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	250	9.3	1350	1375	1425	145	148	153
Special request	350	13.2	1825	1875	1925	138	142	145
Special request	450	17.3	2350	2400	2450	136	139	142
Standard	500	19.3	2600	2625	2700	134	136	140

CRI97 standard	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	250	9.8	850	900	1000	87	92	102
Special request	350	13.8	1150	1250	1350	83	91	98
Special request	450	18.0	1475	1600	1750	82	89	97
Standard	500	20.1	1625	1800	1925	81	89	96



## ITEM SPECIFICATIONS

Description Vector CL 145	18°		37°		60°		80°		W per lamp	Lm/W	CRI (typ.)	Pf
	Item code	UGR										
LV-HE 2600Lm 2700K CRI95 No dim	7DR903XXDR02	13.2	7DR903XXDS02	13.1	7DR903XXDT02	16.3	7DN903XXY902	23.1	19.3	134	95	0.95
LV-HE 2600Lm 2700K CRI95 1-10V & Push	7DR903XXSV02	13.2	7DR903XXSW02	13.1	7DR903XXSX02	16.3	7DN903XXZA02	23.1	19.3	134	95	0.95
LV-HE 2600Lm 2700K CRI95 Dali	7DR903XXSY02	13.2	7DR903XXSZ02	13.1	7DR903XXS002	16.3	7DN903XXZB02	23.1	19.3	134	95	0.95
LV-HE 2625Lm 3000K CRI95 No dim	7DR903XXCA02	13.2	7DR903XXCB02	13.1	7DR903XXCC02	16.3	7DN903XXYR02	23.1	19.3	136	95	0.95
LV-HE 2625Lm 3000K CRI95 1-10V & Push	7DR903XXNA02	13.2	7DR903XXNB02	13.1	7DR903XXNC02	16.3	7DN903XXYH02	23.1	19.3	136	95	0.95
LV-HE 2625Lm 3000K CRI95 Dali	7DR903XXPA02	13.2	7DR903XXPB02	13.1	7DR903XXPC02	16.3	7DN903XXYM02	23.1	19.3	136	95	0.95
LV-HE 2700Lm 4000K CRI95 No dim	7DR903XXCD02	13.3	7DR903XXCE02	13.2	7DR903XXCF02	16.4	7DN903XXY02	23.2	19.3	140	95	0.95
LV-HE 2700Lm 4000K CRI95 1-10V & Push	7DR903XXND02	13.3	7DR903XXNE02	13.2	7DR903XXNF02	16.4	7DN903XXYU02	23.2	19.3	140	95	0.95
LV-HE 2700Lm 4000K CRI95 Dali	7DR903XXPD02	13.3	7DR903XXPE02	13.2	7DR903XXPF02	16.4	7DN903XXYW02	23.2	19.3	140	95	0.95
LV 1625Lm 2700K CRI97 No dim	7D1B03XX8J02	11.5	7D1B03XX8M02	11.5	7D1B03XX8Q02	14.6	7D1B03XX0E02	21.4	20.1	81	97	0.95
LV 1625Lm 2700K CRI97 1-10V & Push	7D1B03XXDI02	11.5	7D1B03XXD402	11.5	7D1B03XXD702	14.6	7D1B03XX0L02	21.4	20.1	81	97	0.95
LV 1625Lm 2700K CRI97 Dali	7D1B03XXIL02	11.5	7D1B03XXIP02	11.5	7D1B03XXIS02	14.6	7D1B03XX0P02	21.4	20.1	81	97	0.95
LV 1800Lm 3000K CRI97 No dim	7D1B03XX8K02	11.9	7D1B03XX8N02	11.8	7D1B03XX8R02	15.8	7D1B03XX0F02	21.7	20.1	89	97	0.95
LV 1800Lm 3000K CRI97 1-10V & Push	7D1B03XXD202	11.9	7D1B03XXD502	11.8	7D1B03XXD802	15.8	7D1B03XX0M02	21.7	20.1	89	97	0.95
LV 1800Lm 3000K CRI97 Dali	7D1B03XXIM02	11.9	7D1B03XXIQ02	11.8	7D1B03XXIT02	15.8	7D1B03XX0Q02	21.7	20.1	89	97	0.95
LV 1925Lm 4000K CRI97 No dim	7D1B03XX8L02	12.1	7D1B03XX8P02	12.0	7D1B03XX8S02	15.2	7D1B03XX0G02	22.0	20.1	96	97	0.95
LV 1925Lm 4000K CRI97 1-10V & Push	7D1B03XXD302	12.1	7D1B03XXD602	12.0	7D1B03XXD902	15.2	7D1B03XX0N02	22.0	20.1	96	97	0.95
LV 1925Lm 4000K CRI97 Dali	7D1B03XXIN02	12.1	7D1B03XXIR02	12.0	7D1B03XXIU02	15.2	7D1B03XX0R02	22.0	20.1	96	97	0.95

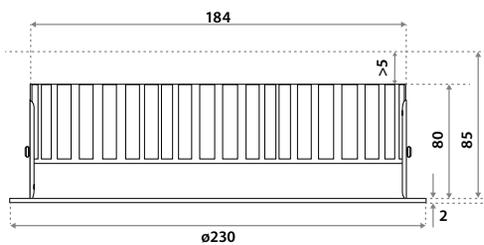
All values are measured at 230V (+/- 7%).





# Strada 185/Vector 235

## DIMENSIONS



## CHOOSE YOUR LV LUMEN OUTPUT

CRI95 standard	mA	W per lamp	Lumen Output		Lumen / Watt	
			3000K	4000K	3000K	4000K
<i>Special request</i>	250	9,4	1250	1275	133	136
<i>Special request</i>	350	13,3	1725	1750	130	132
<i>Special request</i>	500	19,4	2400	2500	124	129
<b>Standard</b>	700	28,0	3300	3500	118	125
<i>Special request</i>	800	32,5	3725	3950	115	122
<i>Special request</i>	900	37,0	4150	4400	112	119
<i>Special request</i>	1050	44,1	4575	4850	104	110
<b>Standard</b>	1200	51,3	5000	5300	97	103

## SPECIFICATIONS

Beam angle (FWHM)	80°
Fixture material	Housing: Die cast aluminium Reflector glass: Polycarbonate
Environment	Indoor
IP rate	IP20 / IP44
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

This luminaire contains built-in LED lamps.  
There are no exchangeable parts inside the luminaire.  
EU 874/2012



**Using CS springs:** Thickness ceiling 5-85 mm & recess depth 85 mm.  
185 mm: For soft ceiling tiles. We recommend using a wooden plate or a ceiling ring on the reverse side of the tile.  
185-205 mm: For plasterboard ceilings or similar harder materials.



Only when the product is installed in a closed ceiling it may be exposed to water splashes, and only on its front side.



eldoLED KGP

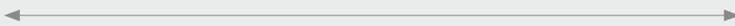
## ITEM SPECIFICATIONS

Description	Item code	UGR	mA	W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
Strada 185								
LV-HE 3300Lm 3000K CRI95 No dim	85R103XXYR02	25.2	700	28,0	118	95	0.99	II
LV-HE 3300Lm 3000K CRI95 1-10V & Push	85R103XXYH02	25.2	700	28,0	118	95	0.95	II
LV-HE 3300Lm 3000K CRI95 Dali	85R103XXYM02	25.2	700	28,0	118	95	0.95	II
LV-HE 3500Lm 4000K CRI95 No dim	85R103XXYY02	25.4	700	28,0	125	95	0.99	II
LV-HE 3500Lm 4000K CRI95 1-10V & Push	85R103XXYU02	25.4	700	28,0	125	95	0.95	II
LV-HE 3500Lm 4000K CRI95 Dali	85R103XXYW02	25.4	700	28,0	125	95	0.95	II
LV-HE 5000Lm 3000K CRI95 No dim	85R103XXYT02	26.6	1200	51,3	97	95	0.95	II
LV-HE 5000Lm 3000K CRI95 1-10V & Push	85R103XXYK02	26.6	1200	51,3	97	95	0.95	I
LV-HE 5000Lm 3000K CRI95 Dali	85R103XXYP02	26.6	1200	51,3	97	95	0.95	I
LV-HE 5300Lm 4000K CRI95 No dim	85R103XXYZ02	26.8	1200	51,3	103	95	0.95	II
LV-HE 5300Lm 4000K CRI95 1-10V & Push	85R103XXYV02	26.8	1200	51,3	103	95	0.95	I
LV-HE 5300Lm 4000K CRI95 Dali	85R103XXYX02	26.8	1200	51,3	103	95	0.95	I

All values are measured at 230V (+/- 7%).



New!  
CRI95



ø 90 mm

FLUXE 75/90

**BEAM ANGLE**



Reflector  
LV: 24° / 60°  
LV-TW: 60°

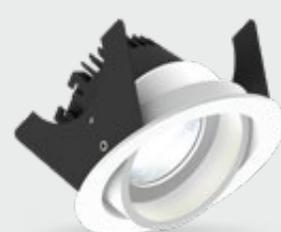


Lens  
HV-FD: 40°



Diffuser  
HV-FD: 80°  
LV: 80°  
LV-TW 80°

**FLUXE 90 ADJ**



Also available as adjustable version Fluxe 90. Check our website and datasheets for more information.

**COLOURS**



Matt white  
RAL 9016 (XX=MW)



Matt black  
RAL 9005 (XX=BL)

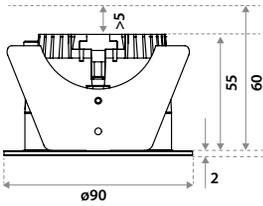
**SPRINGS**



Standard with CS springs (concrete/gyproc).  
Also available as above with WS springs (gyproc/metal).

# Fluxe 75/90

## DIMENSIONS



## SPECIFICATIONS

Beam angle (FWHM)	See the item specifications below
Fixture material	Housing: Die cast aluminium Reflector glass: Polycarbonate
Environment	Indoor
IP rate	IP20 / IP65 <sup>1</sup>
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.

EU 874/2012

## CHOOSE YOUR LV LUMEN OUTPUT

CRI95 standard	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	125	4.5	700	725	750	155	161	166
Standard	250	9.3	1350	1375	1425	145	148	153
Special request	350	13.2	1825	1875	1925	138	142	145

CRI97 standard	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	125	5.0	475	500	525	95	100	105
Special request	250	9.8	850	900	1000	87	92	102
Standard	350	13.8	1150	1250	1350	83	91	98



Using CS springs: Ø 75 mm.  
Thickness ceiling 5-60 mm  
& recess depth 60 mm.



Using WS springs: Ø 77 mm.  
Thickness ceiling 1-55 mm  
& recess depth 60 mm.

Only when the product is installed in a closed ceiling it may be exposed to water splashes, and only on its front side.



## ITEM SPECIFICATIONS

Description Fluxe 75	40°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
HV-FD 800Lm 2700K Triac dim	802A03XX5A02	15.7	802A03XX5B02	26.9	10.5	76	93	0.99	I
HV-FD 800Lm 3000K Triac dim	802A03XX5C02	15.7	802A03XX5D02	26.9	10.3	78	93	0.99	I
HV-FD 800Lm 4000K Triac dim	802A03XX5E02	15.7	802A03XX5F02	26.9	10.1	79	93	0.99	I
HV-FD 800Lm 2200-3000K Triac dim	802A03XX5G02	15.7	802A03XX5H02	26.9	10.3	78	93	0.99	I

Description Fluxe 75	24°		60°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR					
LV-HE 1350Lm 2700K CRI95 No dim	80SA03XX4K02	23.4	80SA03XX4L02	24.2	80SA03XX4M02	28.7	9.3	145	95	0.95	II
LV-HE 1350Lm 2700K CRI95 Dali	80SA03XX4B02	23.4	80SA03XX4E02	24.2	80SA03XX4H02	28.7	9.3	145	95	0.95	II
LV-HE 1375Lm 3000K CRI95 No dim	80SB03XX4K02	23.5	80SB03XX4L02	24.3	80SB03XX4M02	28.8	9.3	148	95	0.95	II
LV-HE 1375Lm 3000K CRI95 Dali	80SB03XX4B02	23.5	80SB03XX4E02	24.3	80SB03XX4H02	28.8	9.3	148	95	0.95	II
LV-HE 1425Lm 4000K CRI95 No dim	80SE03XX4K02	23.6	80SE03XX4L02	24.4	80SE03XX4M02	28.9	9.3	153	95	0.95	II
LV-HE 1425Lm 4000K CRI95 Dali	80SE03XX4B02	23.6	80SE03XX4E02	24.4	80SE03XX4H02	28.9	9.3	153	95	0.95	II
LV 1150Lm 2700K CRI97 No dim	805A03XX4K02	22.8	805A03XX4L02	23.7	805A03XX4M02	28.1	13.8	83	97	0.99	II
LV 1150Lm 2700K CRI97 Dali	805A03XX4B02	22.8	805A03XX4E02	23.7	805A03XX4H02	28.1	13.8	83	97	0.95	II
LV 1250Lm 3000K CRI97 No dim	805B03XX4K02	23.1	805B03XX4L02	24.0	805B03XX4M02	28.4	13.8	91	97	0.99	II
LV 1250Lm 3000K CRI97 Dali	805B03XX4B02	23.1	805B03XX4E02	24.0	805B03XX4H02	28.4	13.8	91	97	0.95	II
LV 1350Lm 4000K CRI97 No dim	805G03XX4K02	23.4	805G03XX4L02	24.2	805G03XX4M02	28.7	13.8	98	97	0.99	II
LV 1350Lm 4000K CRI97 Dali	805G03XX4B02	23.4	805G03XX4E02	24.2	805G03XX4H02	28.7	13.8	98	97	0.95	II
LV 1250Lm 1800-3000K CRI97 Dali	805E03XX4B02	23.1	805E03XX4E02	24.0	805E03XX4H02	28.4	13.8	91	97	0.95	II
LV-TW 1250Lm 2700-6500K CRI93 Dali	-	-	806A03XX4W02	24.0	806A03XX4Y02	28.4	10.6	118	93	0.90	II

LV versions also available with: Triac dim | Casambi | 1-10V & Push | Check our datasheets, pricelist or website for all available versions

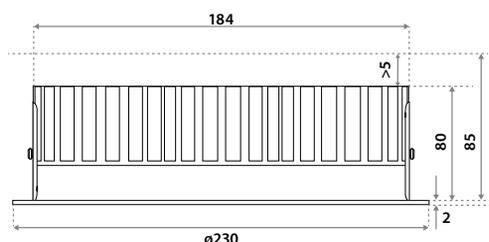
All values are measured at 230V (+/- 7%). See datasheets for the HV-FD dimmerlist.





# Fluxe 185/Cylinder 235

## DIMENSIONS



## CHOOSE YOUR LV LUMEN OUTPUT

CRI95 standard	mA	W per lamp	Lumen Output		Lumen / Watt	
			3000K	4000K	3000K	4000K
Special request	250	9,4	1250	1275	133	136
Special request	350	13,3	1725	1750	130	132
Special request	500	19,4	2400	2500	124	129
<b>Standard</b>	700	28,0	3300	3500	118	125
Special request	800	32,5	3725	3950	115	122
Special request	900	37,0	4150	4400	112	119
Special request	1050	44,1	4575	4850	104	110
<b>Standard</b>	1200	51,3	5000	5300	97	103

## SPECIFICATIONS

Beam angle (FWHM)	80°
Fixture material	Housing: Die cast aluminium Reflector glass: Polycarbonate
Environment	Indoor
IP rate	IP20 / IP44
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

This luminaire contains built-in LED lamps.  
There are no exchangeable parts inside the luminaire.  
EU 874/2012



**Using CS springs:** Thickness ceiling 5-85 mm & recess depth 85 mm.  
185 mm: For soft ceiling tiles. We recommend using a wooden plate or a ceiling ring on the reverse side of the tile.  
185-205 mm: For plasterboard ceilings or similar harder materials.



Only when the product is installed in a closed ceiling it may be exposed to water splashes, and only on its front side.



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## ITEM SPECIFICATIONS

Description Fluxe 185	Item code	UGR	mA	W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
LV-HE 3300Lm 3000K CRI95 No dim	82R103XXYR02	25.2	700	28,0	118	95	0.99	II
LV-HE 3300Lm 3000K CRI95 1-10V & Push	82R103XXYH02	25.2	700	28,0	118	95	0.95	II
LV-HE 3300Lm 3000K CRI95 Dali	82R103XXYM02	25.2	700	28,0	118	95	0.95	II
LV-HE 3500Lm 4000K CRI95 No dim	82R103XXYY02	25.4	700	28,0	125	95	0.99	II
LV-HE 3500Lm 4000K CRI95 1-10V & Push	82R103XXYU02	25.4	700	28,0	125	95	0.95	II
LV-HE 3500Lm 4000K CRI95 Dali	82R103XXYW02	25.4	700	28,0	125	95	0.95	II
LV-HE 5000Lm 3000K CRI95 No dim	82R103XXYT02	26.6	1200	51,3	97	95	0.95	II
LV-HE 5000Lm 3000K CRI95 1-10V & Push	82R103XXYK02	26.6	1200	51,3	97	95	0.95	I
LV-HE 5000Lm 3000K CRI95 Dali	82R103XXYP02	26.6	1200	51,3	97	95	0.95	I
LV-HE 5300Lm 4000K CRI95 No dim	82R103XXYZ02	26.8	1200	51,3	103	95	0.95	II
LV-HE 5300Lm 4000K CRI95 1-10V & Push	82R103XXYV02	26.8	1200	51,3	103	95	0.95	I
LV-HE 5300Lm 4000K CRI95 Dali	82R103XXYX02	26.8	1200	51,3	103	95	0.95	I

All values are measured at 230V (+/- 7%).





LINEA SERIES



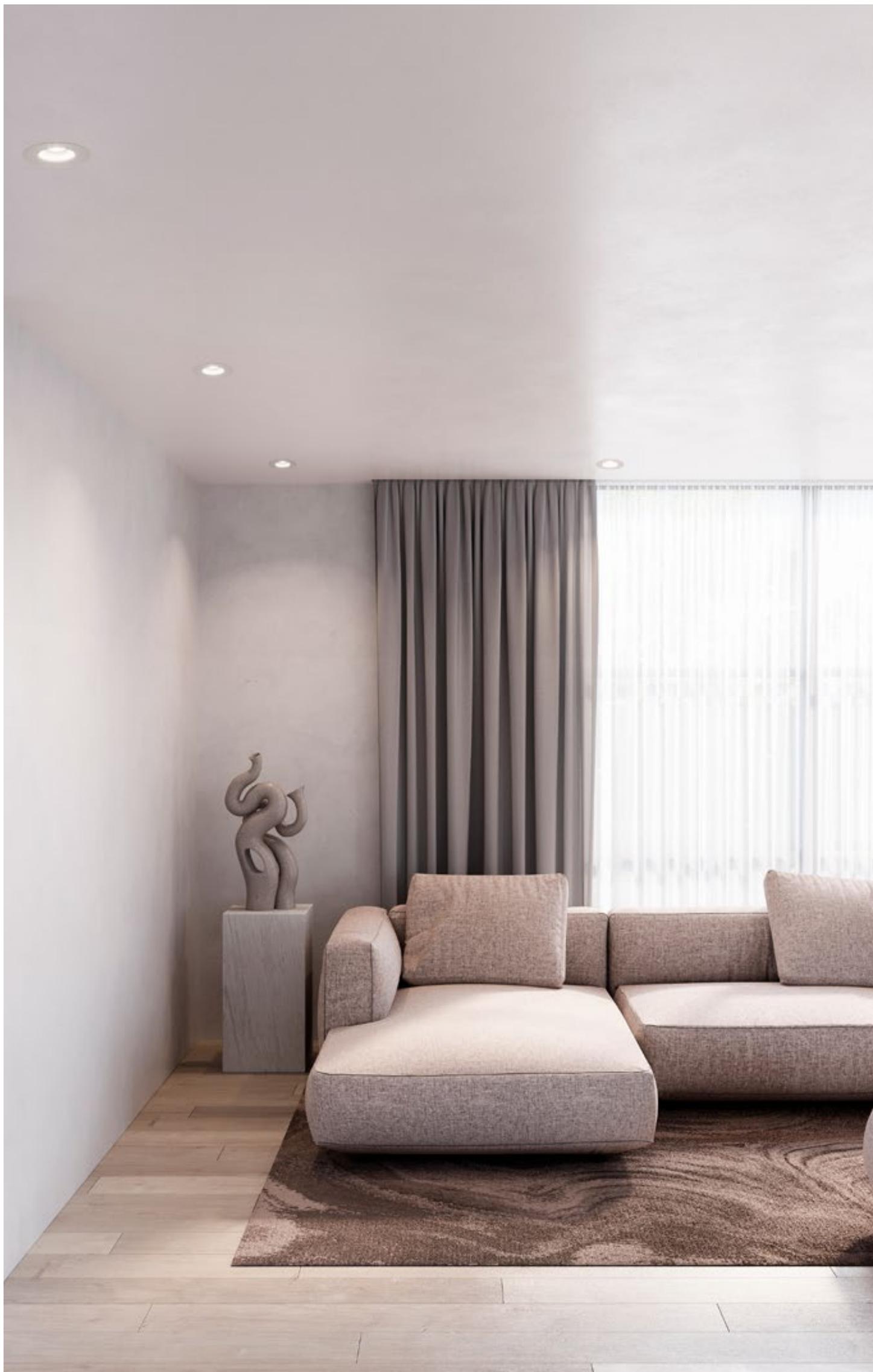


ILLUXTRON

LINEA SERIES



COLLECTION



Ejner Hessel  
Tilst, Denmark  
Linea DS-F 150  
and Odion XS

LINEA SERIES

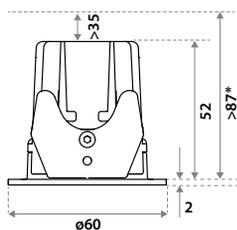






# Linea 50

## DIMENSIONS



\* This distance is necessary because of the height of the connection box (80 mm). Purely for heat reasons just 5 mm is sufficient.

## CHOOSE YOUR LV LUMEN OUTPUT

CRI95 standard	mA	Vf	W per lamp	Lumen Output			Lumen / Watt		
				2700K	3000K	4000K	2700K	3000K	4000K
Special request	350	11,1	4,5	350	375	400	78	84	90
Special request	500	11,4	6,6	500	525	550	76	80	84
Standard	700	11,7	9,4	625	650	675	66	69	72

## SPECIFICATIONS

Beam angle (FWHM)	40°/60°
Fixture material	Housing: Die cast aluminium Lens: Polycarbonate
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

This luminaire contains built-in LED lamps.  
There are no exchangeable parts inside the luminaire.  
EU 874/2012  
\*See page 136 for more information about power supplies.



Using CS springs: Ø 50 mm.  
Thickness ceiling 5-87 mm  
& recess depth 87 mm.



Using WS springs: Ø 50 mm.  
Thickness ceiling 1-20 mm  
& recess depth 87 mm.



KGP TCE bhc bridgelux

## ITEM SPECIFICATIONS

Description	40°		60°		Input	W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR						
Linea 50 LV 2700K 625Lm CRI93 No dim	NA3R03XX5Y02	17.3	NA3R03XX4L02	21.2	220-240V	9,4	66	93	>0.95	II
Linea 50 LV 3000K 650Lm CRI93 No dim	NA3S03XX5Y02	17.5	NA3S03XX4L02	21.4	220-240V	9,4	69	93	>0.95	II
Linea 50 LV 4000K 675Lm CRI93 No dim	NA3T03XX5Y02	17.6	NA3T03XX4L02	21.5	220-240V	9,4	72	93	>0.95	II
Linea 50 LV 2700K 625Lm CRI93 Triac	NA3R03XX5V02	17.3	NA3R03XX4D02	21.2	220-240V	9,4	66	93	0.96	II
Linea 50 LV 3000K 650Lm CRI93 Triac	NA3S03XX5V02	17.5	NA3S03XX4D02	21.4	220-240V	9,4	69	93	0.96	II
Linea 50 LV 4000K 675Lm CRI93 Triac	NA3T03XX5V02	17.6	NA3T03XX4D02	21.5	220-240V	9,4	72	93	0.96	II
Linea 50 LV 2700K 625Lm CRI93 Dali	NA3R03XX5W02	17.3	NA3R03XX4E02	21.2	220-240V	9,4	66	93	>0.94	II
Linea 50 LV 3000K 650Lm CRI93 Dali	NA3S03XX5W02	17.5	NA3S03XX4E02	21.4	220-240V	9,4	69	93	>0.94	II
Linea 50 LV 4000K 675Lm CRI93 Dali	NA3T03XX5W02	17.6	NA3T03XX4E02	21.5	220-240V	9,4	72	93	>0.94	II
Linea 50 LVC 700mA 625 Lm 2700K	NA3R03XX5YE2	17.3	NA3R03XX4LE2	21.2	700mA	8,2	76	93	x	III
Linea 50 LVC 700mA 650 Lm 3000K	NA3S03XX5YE2	17.5	NA3S03XX4LE2	21.4	700mA	8,2	79	93	x	III
Linea 50 LVC 700mA 675 Lm 4000K	NA3T03XX5YE2	17.6	NA3T03XX4LE2	21.5	700mA	8,2	82	93	x	III

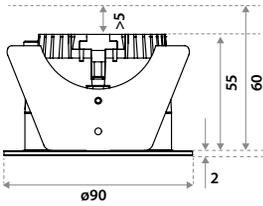
All values are measured at 230V (+/- 7%).





# Linea 75

## DIMENSIONS



## SPECIFICATIONS

Beam angle (FWHM)	See the item specifications below
Fixture material	Housing: Die cast aluminium Reflector glass: Polycarbonate
Environment	Indoor
IP rate	IP20 / IP65 <sup>1</sup>
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.

EU 874/2012

## CHOOSE YOUR LV LUMEN OUTPUT

CRI95 standard	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	125	4.5	700	725	750	155	161	166
Standard	250	9.3	1350	1375	1425	145	148	153
Special request	350	13.2	1825	1875	1925	138	142	145

CRI97 standard	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	125	5.0	475	500	525	95	100	105
Special request	250	9.8	850	900	1000	87	92	102
Standard	350	13.8	1150	1250	1350	83	91	98



Using CS springs: Ø 75 mm.  
Thickness ceiling 5-60 mm  
& recess depth 60 mm.



Using WS springs: Ø 77 mm.  
Thickness ceiling 1-55 mm  
& recess depth 60 mm.

Only when the product is installed in a closed ceiling it may be exposed to water splashes, and only on its front side.



<sup>1</sup> Not for HV-FD 40° version.



## ITEM SPECIFICATIONS

Description Linea 75	40°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
HV-FD 800Lm 2700K Triac dim	912A03XX5A02	15.7	912A03XX5B02	26.9	10.5	76	93	0.99	I
HV-FD 800Lm 3000K Triac dim	912A03XX5C02	15.7	912A03XX5D02	26.9	10.3	78	93	0.99	I
HV-FD 800Lm 4000K Triac dim	912A03XX5E02	15.7	912A03XX5F02	26.9	10.1	79	93	0.99	I
HV-FD 800Lm 2200-3000K Triac dim	912A03XX5G02	15.7	912A03XX5H02	26.9	10.3	78	93	0.99	I

Description Linea 75	24°		60°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR					
LV-HE 1350Lm 2700K CRI95 No dim	91SA03XX4K02	23.4	91SA03XX4L02	24.2	91SA03XX4M02	28.7	9,3	145	95	0.95	II
LV-HE 1350Lm 2700K CRI95 Dali	91SA03XX4B02	23.4	91SA03XX4E02	24.2	91SA03XX4H02	28.7	9,3	145	95	0.95	II
LV-HE 1375Lm 3000K CRI95 No dim	91SB03XX4K02	23.5	91SB03XX4L02	24.3	91SB03XX4M02	28.8	9,3	148	95	0.95	II
LV-HE 1375Lm 3000K CRI95 Dali	91SB03XX4B02	23.5	91SB03XX4E02	24.3	91SB03XX4H02	28.8	9,3	148	95	0.95	II
LV-HE 1425Lm 4000K CRI95 No dim	91SE03XX4K02	23.6	91SE03XX4L02	24.4	91SE03XX4M02	28.9	9,3	153	95	0.95	II
LV-HE 1425Lm 4000K CRI95 Dali	91SE03XX4B02	23.6	91SE03XX4E02	24.4	91SE03XX4H02	28.9	9,3	153	95	0.95	II
LV 1150Lm 2700K CRI97 No dim	91SA03XX4K02	22.8	91SA03XX4L02	23.7	91SA03XX4M02	28.1	13.8	83	97	0.99	II
LV 1150Lm 2700K CRI97 Dali	91SA03XX4B02	22.8	91SA03XX4E02	23.7	91SA03XX4H02	28.1	13.8	83	97	0.95	II
LV 1250Lm 3000K CRI97 No dim	91SB03XX4K02	23.1	91SB03XX4L02	24.0	91SB03XX4M02	28.4	13.8	91	97	0.99	II
LV 1250Lm 3000K CRI97 Dali	91SB03XX4B02	23.1	91SB03XX4E02	24.0	91SB03XX4H02	28.4	13.8	91	97	0.95	II
LV 1350Lm 4000K CRI97 No dim	91SG03XX4K02	23.4	91SG03XX4L02	24.2	91SG03XX4M02	28.7	13.8	98	97	0.99	II
LV 1350Lm 4000K CRI97 Dali	91SG03XX4B02	23.4	91SG03XX4E02	24.2	91SG03XX4H02	28.7	13.8	98	97	0.95	II
LV 1250Lm 1800-3000K CRI97 Dali	91SE03XX4B02	23.1	91SE03XX4E02	24.0	91SE03XX4H02	28.4	13.8	91	97	0.95	II
LV-TW 1250Lm 2700-6500K CRI93 Dali	-	-	916A03XX4W02	24.0	916A03XX4Y02	28.4	10.6	118	93	0.90	II

LV versions also available with: Triac dim Casambi 1-10V & Push Check our datasheets, pricelist or website for all available versions

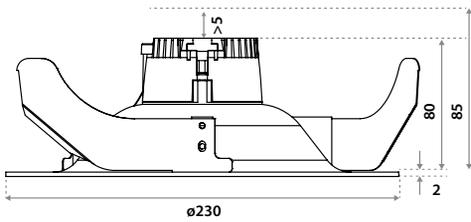
All values are measured at 230V (+/- 7%). See datasheets for the HV-FD dimmerlist.





# Linea 185/120

## DIMENSIONS



## SPECIFICATIONS

Beam angle (FWHM)	See the item specifications below
Fixture material	Housing: Die cast aluminium Reflector glass: Polycarbonate
Environment	Indoor
IP rate	IP20 / IP65
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

IP20

IP65

MADE IN HOLLAND

7 YEAR WARRANTY

ECO

Only when the product is installed in a closed ceiling may it be exposed to water splashes, and only on its front side.

## CHOOSE YOUR LV LUMEN OUTPUT

CRI95 standard	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	125	4,5	700	725	750	155	161	166
Standard	250	9,3	1350	1375	1425	145	148	153
Special request	350	13,2	1825	1875	1925	138	142	145
Standard	400	15,2	2100	2150	2200	137	141	144
Special request	500	19,3	2600	2625	2700	134	136	140
Special request	600	23,6	3050	3125	3200	130	132	136
Standard	650	25,7	3175	3275	3375	124	127	131

CRI97 standard	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	125	5,0	475	500	525	95	100	105
Special request	250	9,8	850	900	1000	87	92	102
Standard	350	13,8	1150	1250	1350	83	91	98
Special request	400	15,8	1300	1425	1550	82	90	98
Standard	500	20,1	1625	1800	1925	81	89	96
Special request	600	23,9	1900	2050	2225	80	86	93
Standard	650	26,0	2050	2250	2400	79	86	92



**Using GS springs:** Ø 170-175 mm.  
Thickness ceiling 8-85 mm & recess depth 85 mm. For plasterboard ceilings or similar harder materials. Turn the ring on the front counterclockwise after installation.



**Using WS springs:** Ø 180-210 mm.  
Thickness ceiling 1-35 mm & recess depth 85 mm. For soft ceiling tiles.  
We recommend taking down the ceiling tile before installing the product.



## ITEM SPECIFICATIONS

Description Linea 185	24°		60°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR					
LV-HE 1350Lm 2700K CRI95 No dim	87SA03XX2U02	16.0	87SA03XX2V02	16.9	87SA03XX2W02	21.4	9,3	145	95	0.95	II
LV-HE 1350Lm 2700K CRI95 Dali	87SA03XX2L02	16.0	87SA03XX2P02	16.9	87SA03XX2S02	21.4	9,3	145	95	0.95	II
LV-HE 1375Lm 3000K CRI95 No dim	87SB03XX2U02	16.1	87SB03XX2V02	17.0	87SB03XX2W02	21.4	9,3	148	95	0.95	II
LV-HE 1375Lm 3000K CRI95 Dali	87SB03XX2L02	16.1	87SB03XX2P02	17.0	87SB03XX2S02	21.4	9,3	148	95	0.95	II
LV-HE 1425Lm 4000K CRI95 No dim	87SE03XX2U02	16.2	87SE03XX2V02	17.1	87SE03XX2W02	21.6	9,3	153	95	0.95	II
LV-HE 1425Lm 4000K CRI95 Dali	87SE03XX2L02	16.2	87SE03XX2P02	17.1	87SE03XX2S02	21.6	9,3	153	95	0.95	II
LV-HE 2100Lm 2700K CRI95 No dim	87SG03XX2U02	17.6	87SG03XX2V02	18.4	87SG03XX2W02	22.9	15,2	137	95	0.99	II
LV-HE 2150Lm 3000K CRI95 No dim	87SL03XX2U02	17.7	87SL03XX2V02	18.5	87SL03XX2W02	23.0	15,2	141	95	0.99	II
LV-HE 2200Lm 4000K CRI95 No dim	87SM03XX2U02	17.7	87SM03XX2V02	18.6	87SM03XX2W02	23.1	15,2	144	95	0.99	II
LV-HE 3175Lm 2700K CRI95 No dim	87SV03XX2U02	19.0	87SV03XX2V02	19.9	87SV03XX2W02	24.3	25,7	124	95	0.99	II
LV-HE 3275Lm 3000K CRI95 No dim	87SW03XX2U02	19.1	87SW03XX2V02	20.0	87SW03XX2W02	24.5	25,7	127	95	0.99	II
LV-HE 3375Lm 4000K CRI95 No dim	87SX03XX2U02	19.2	87SX03XX2V02	20.1	87SX03XX2W02	24.6	25,7	131	95	0.99	II
LV 1150Lm 2700K CRI97 No dim	87SA03XX2U02	15.5	87SA03XX2V02	16.3	87SA03XX2W02	20.8	13,8	83	97	0.95	II
LV 1150Lm 2700K CRI97 Dali	87SA03XX2L02	15.5	87SA03XX2P02	16.3	87SA03XX2S02	20.8	13,8	83	97	0.95	II
LV 1250Lm 3000K CRI97 No dim	87SB03XX2U02	15.8	87SB03XX2V02	16.6	87SB03XX2W02	21.1	13,8	91	97	0.95	II
LV 1250Lm 3000K CRI97 Dali	87SB03XX2L02	15.8	87SB03XX2P02	16.6	87SB03XX2S02	21.1	13,8	91	97	0.95	II
LV 1350Lm 4000K CRI97 No dim	87SG03XX2U02	16.0	87SG03XX2V02	16.9	87SG03XX2W02	21.3	13,8	98	97	0.95	II
LV 1350Lm 4000K CRI97 Dali	87SG03XX2L02	16.0	87SG03XX2P02	16.9	87SG03XX2S02	21.3	13,8	98	97	0.95	II
LV 1625Lm 2700K CRI97 No dim	87SK03XX2U02	16.7	87SK03XX2V02	17.5	87SK03XX2W02	22.0	20,1	81	97	0.99	II
LV 1800Lm 3000K CRI97 No dim	87SL03XX2U02	17.0	87SL03XX2V02	17.9	87SL03XX2W02	22.3	20,1	89	97	0.99	II
LV 1925Lm 4000K CRI97 No dim	87SM03XX2U02	17.3	87SM03XX2V02	18.1	87SM03XX2W02	22.6	20,1	96	97	0.99	II
LV 2050Lm 2700K CRI97 No dim	87SN03XX2U02	17.5	87SN03XX2V02	18.3	87SN03XX2W02	22.8	26,0	79	97	0.99	II
LV 2250Lm 3000K CRI97 No dim	87SP03XX2U02	17.8	87SP03XX2V02	18.7	87SP03XX2W02	23.1	26,0	86	97	0.99	II
LV 2400Lm 4000K CRI97 No dim	87SQ03XX2U02	18.0	87SQ03XX2V02	18.9	87SQ03XX2W02	23.3	26,0	92	97	0.99	II
LV 1250Lm 1800-3000K CRI97 Dali	87SE03XX2L02	15.8	87SE03XX2P02	16.6	87SE03XX2S02	21.1	13,8	91	97	0.95	II
LV-TW 1250Lm 2700-6500K CRI93 Dali	-	-	87EA03XX2B02	16.6	87EA03XX2D02	28.4	10,6	118	93	0.90	II

LV versions also available with: Dali Triac dim Casambi 1-10V & Push Check our datasheets, pricelist or website for all available versions

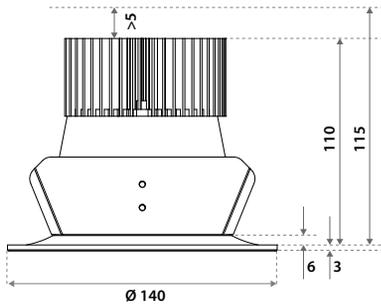
All values are measured at 230V (+/- 7%).





# Linea DS-FS 120

## DIMENSIONS



## CHOOSE YOUR LV LUMEN OUTPUT

CRI95 standard	mA	W per lamp	Lumen Output		Lumen / Watt	
			3000K	4000K	3000K	4000K
Special request	250	9,4	1250	1275	133	136
Special request	350	13,3	1725	1750	130	132
Special request	500	19,4	2400	2500	124	129
Standard	700	28,0	3300	3500	118	125
Special request	800	32,5	3725	3950	115	122
Special request	900	37,0	4150	4400	112	119
Special request	1050	44,1	4575	4850	104	110
Standard	1200	51,3	5000	5300	97	103

## SPECIFICATIONS

Beam angle (FWHM)	18° / 37° / 60° / 80°
Fixture material	Die cast aluminium / Glass
Environment	Indoor
IP rate	IP20 / IP44
IK rate	IK09
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
CRI	95 (CRI82 see pricelist)
Pf	0.95 (0.99 No dim 700mA)
Warranty	7 years

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.

EU 874/2012

Ask our sales department about the possibilities for:  
- Tuneable white 2700-6500K.



<b>IP20</b>	Only when the product is installed in a closed ceiling it may be exposed to water splashes, and only on its front side.
<b>IP44</b>	



**Using CS springs:** Ø 120 mm.  
Thickness ceiling 10-115 mm & recess depth 115 mm. For plasterboard ceilings or similar harder materials thicker than 9 mm.



**Using WS springs:** Ø 120-130 mm.  
Thickness ceiling 1-40 mm & recess depth 115 mm. For soft ceiling tiles. We recommend using a ceiling ring on the reverse side of the tile.



## ITEM SPECIFICATIONS

Description Linea DS-FS 120	18°		37°		60°		80°		W per lamp	Lm/W	Safety class
	Item code	UGR									
LV-HE 3300Lm 3000K CRI95 No dim	28R003XXCA02	18.3	28R003XXCB02	17.8	28R003XXCC02	20.8	28R003XXG602	28.9	28,0	118	II
LV-HE 3300Lm 3000K CRI95 1-10V & Push	28R003XXNA02	18.3	28R003XXNB02	17.8	28R003XXNC02	20.8	28R003XXU602	28.9	28,0	118	II
LV-HE 3300Lm 3000K CRI95 Dali	28R003XXPA02	18.3	28R003XXPB02	17.8	28R003XXPC02	20.8	28R003XXT602	28.9	28,0	118	II
LV-HE 3500Lm 4000K CRI95 No dim	28R003XXCD02	18.5	28R003XXCE02	18.0	28R003XXCF02	21.0	28R003XXG802	29.1	28,0	125	II
LV-HE 3500Lm 4000K CRI95 1-10V & Push	28R003XXND02	18.5	28R003XXNE02	18.0	28R003XXNF02	21.0	28R003XXU802	29.1	28,0	125	II
LV-HE 3500Lm 4000K CRI95 Dali	28R003XXPD02	18.6	28R003XXPE02	18.0	28R003XXPF02	21.0	28R003XXT802	29.1	28,0	125	II
LV-HE 5000Lm 3000K CRI95 No dim	28R003XXCR02	19.7	28R003XXCS02	19.2	28R003XXCT02	22.2	28R003XXG702	30.4	51,3	97	II
LV-HE 5000Lm 3000K CRI95 1-10V & Push	28R003XXNK02	19.7	28R003XXNL02	19.2	28R003XXNM02	22.2	28R003XXU702	30.4	51,3	97	I
LV-HE 5000Lm 3000K CRI95 Dali	28R003XXPK02	19.7	28R003XXPL02	19.2	28R003XXPM02	22.2	28R003XXT702	30.4	51,3	97	I
LV-HE 5300Lm 4000K CRI95 No dim	28R003XXCU02	19.9	28R003XXCV02	19.4	28R003XXCW02	22.4	28R003XXG902	30.6	51,3	103	II
LV-HE 5300Lm 4000K CRI95 1-10V & Push	28R003XXNN02	19.9	28R003XXNP02	19.4	28R003XXNQ02	22.4	28R003XXU902	30.6	51,3	103	I
LV-HE 5300Lm 4000K CRI95 Dali	28R003XXPN02	19.9	28R003XXPP02	19.4	28R003XXPQ02	22.8	28R003XXT902	30.6	51,3	103	I

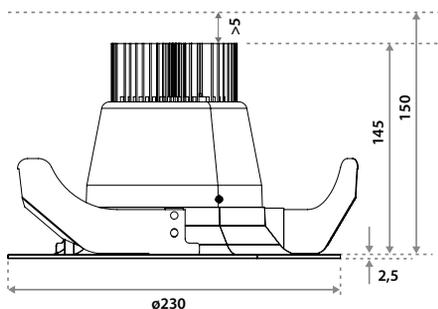
All values are measured at 230V (+/- 7%).





# Linea DS-FX 185/DS-F 150

## DIMENSIONS



## CHOOSE YOUR LV LUMEN OUTPUT

CRI95 standard	mA	W per lamp	Lumen Output		Lumen / Watt	
			3000K	4000K	3000K	4000K
Special request	250	9,4	1250	1275	133	136
Special request	350	13,3	1725	1750	130	132
Special request	500	19,4	2400	2500	124	129
<b>Standard</b>	700	28,0	3300	3500	118	125
Special request	800	32,5	3725	3950	115	122
Special request	900	37,0	4150	4400	112	119
Special request	1050	44,1	4575	4850	104	110
<b>Standard</b>	1200	51,3	5000	5300	97	103

## SPECIFICATIONS

Beam angle (FWHM)	45° / 65° (On request 80°)
Fixture material	Die cast aluminium / Glass
Environment	Indoor
IP rate	IP20 / IP44
IK rate	IK09
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.

EU 874/2012

Ask our sales department about the possibilities for:

- Tuneable white 2700-6500K.



IP20

IP44

Only when the product is installed in a closed ceiling it may be exposed to water splashes, and only on its front side.



Using GS springs: Ø 170-210 mm.

Thickness ceiling 8-150 mm & recess depth 150 mm. For plasterboard ceilings or similar harder materials. Turn the ring on the front counterclockwise after installation.



Using WS springs: Ø 170-210 mm.

Thickness ceiling 1-40 mm & recess depth 150 mm. For soft ceiling tiles we recommend using a wooden plate or a ceiling ring on the reverse side of the tile.



TCLP <math>TE</math> eldoLED bridgelux KGP

## ITEM SPECIFICATIONS

Description Linea DS-FX 185	45°		65°		80°		mA	W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR						
LV-HE 3300Lm 3000K CRI95 No dim	1BR703XXJE02	15.9	1BR703XXJF02	18.8	1BR703XXJN02	28.9	700	28,0	118	95	0.95	II
LV-HE 3300Lm 3000K CRI95 1-10V & Push	1BR703XXJU202	15.9	1BR703XXJU302	18.8	1BR703XXTA02	28.9	700	28,0	118	95	0.95	II
LV-HE 3300Lm 3000K CRI95 Dali	1BR703XXV202	15.9	1BR703XXV302	18.8	1BR703XXZ202	28.9	700	28,0	118	95	0.95	II
LV-HE 3500Lm 4000K CRI95 No dim	1BR703XXJG02	16.1	1BR703XXJH02	19.0	1BR703XXJS02	29.1	700	28,0	125	95	0.95	II
LV-HE 3500Lm 4000K CRI95 1-10V & Push	1BR703XXJU402	16.1	1BR703XXJU502	19.0	1BR703XXTZ02	29.1	700	28,0	125	95	0.95	II
LV-HE 3500Lm 4000K CRI95 Dali	1BR703XXV402	16.1	1BR703XXV502	19.0	1BR703XXZ402	29.1	700	28,0	125	95	0.95	II
LV-HE 5000Lm 3000K CRI95 No dim	1BR703XXGK02	17.4	1BR703XXGL02	20.3	1BR703XXJP02	30.4	1200	51,3	97	95	0.95	II
LV-HE 5000Lm 3000K CRI95 1-10V & Push	1BR703XXJU02	17.4	1BR703XXJU02	20.3	1BR703XXTB02	30.4	1200	51,3	97	95	0.95	I
LV-HE 5000Lm 3000K CRI95 Dali	1BR703XXVU02	17.4	1BR703XXVV02	20.3	1BR703XXZ302	30.4	1200	51,3	97	95	0.95	I
LV-HE 5300Lm 4000K CRI95 No dim	1BR703XXGM02	17.6	1BR703XXGN02	20.5	1BR703XXJT02	30.6	1200	51,3	103	95	0.95	II
LV-HE 5300Lm 4000K CRI95 1-10V & Push	1BR703XXJUW02	17.6	1BR703XXJUW02	20.5	1BR703XXT002	30.6	1200	51,3	103	95	0.95	I
LV-HE 5300Lm 4000K CRI95 Dali	1BR703XXVW02	17.6	1BR703XXVX02	20.5	1BR703XXZ502	30.6	1200	51,3	103	95	0.95	I

All values are measured at 230V (+/- 7%).



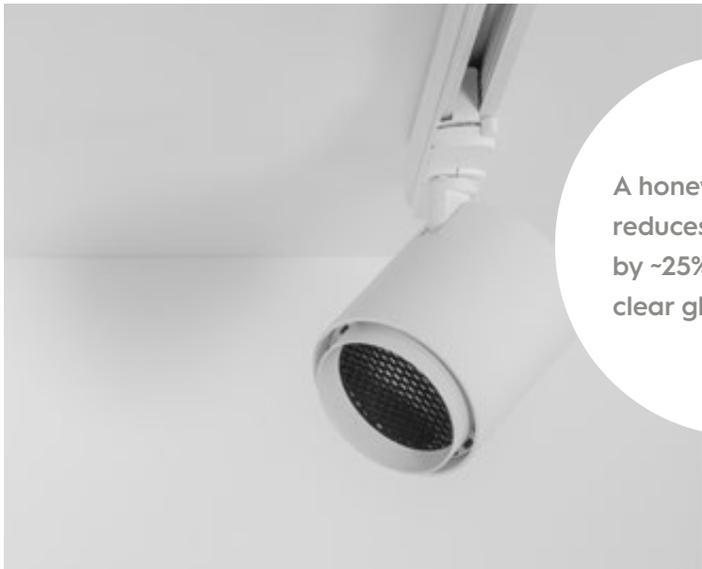
**Trackspots**  
Eichholtz Amsterdam  
Odion XL 2-CH by MIYO

ODION





Odion XS, with integrated power supply in the adapter, not visible after installation.

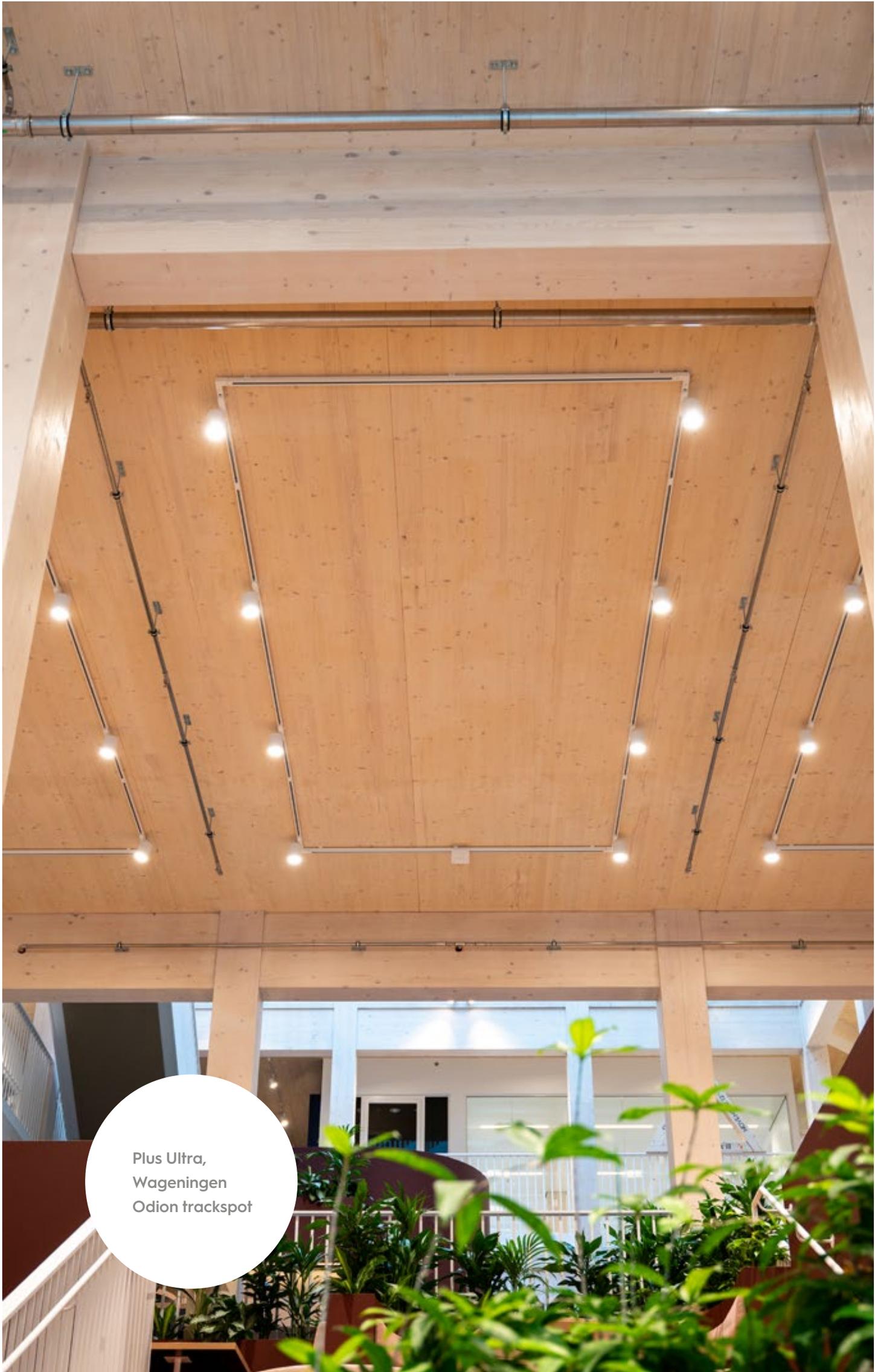


A honeycomb reduces the light output by ~25% compared to clear glass.





ODION



Plus Ultra,  
Wageningen  
Odion trackspot



New!  
CRI95



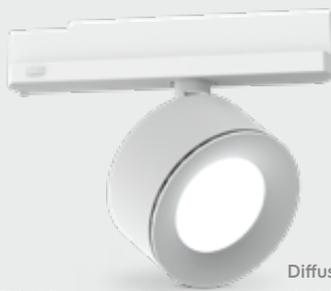
↔  
ø 125 mm

LINEA AS-XS

**BEAM ANGLE**



Reflector  
LV: 18° / 37° / 60°



Diffuser  
LV: 80°



Honeycomb  
(Reduces the light output by -25% compared to clear glass.)

**COLOURS**



Matt white  
RAL 9016 (XX=MW)

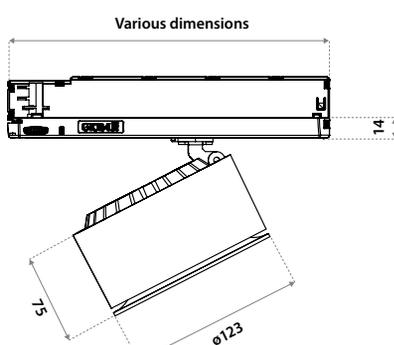


Matt black  
RAL 9005 (XX=BL)

# Linea AS-XS

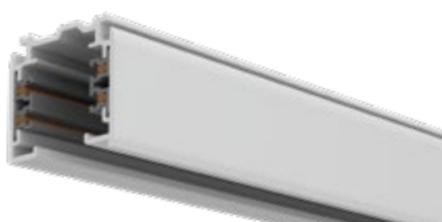
## DIMENSIONS

With integrated power supply in the adapter, not visible after installation.



## TRACKS

On request! Ask our sales department about the possibilities.



## SPECIFICATIONS

Beam angle (FWHM)	18° / 37° / 60° / 80°
UGR (4H8H 70/50/20)	<19 (18° + 37°)
Fixture material	Die cast aluminium / Glass
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Safety class	I

### IP20

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.

EU 874/2012



## CHOOSE YOUR LV LUMEN OUTPUT

CRI95 standard	mA	W per lamp	Lumen Output		Lumen / Watt	
			3000K	4000K	3000K	4000K
<i>Special request</i>	500	19,4	2400	2500	124	128
<b>Standard</b>	700	28,0	3300	3500	118	125
<i>Special request</i>	800	32,5	3725	3950	115	122



## ITEM SPECIFICATIONS

Description Linea AS-XS-HE	18°		37°		60°		80°		mA	W per lamp	Lm/W	CRI (typ.)	Pf
	Item code	UGR											
3300Lm 3000K CRI95 No dim	17R403XXHK02	13.2	17R403XXHL02	13.1	17R403XXHM02	16.3	17R403XXYR02	22.9	700	28,0	118	95	0.97
3300Lm 3000K CRI95 Dali	17R403XXE402	13.2	17R403XXE502	13.1	17R403XXE602	16.3	17R403XXYM02	22.9	700	28,0	118	95	0.97
3300Lm 3000K CRI95 Casambi	17R403XXJ402	13.2	17R403XXJ502	13.1	17R403XXJ602	16.3	17R403XXB802	22.9	700	28,0	118	95	0.97
3500Lm 4000K CRI95 No dim	17R403XXHN02	13.4	17R403XXHP02	13.3	17R403XXHQ02	16.5	17R403XXYY02	23.1	700	28,0	125	95	0.97
3500Lm 4000K CRI95 Dali	17R403XXE702	13.4	17R403XXE802	13.3	17R403XXE902	16.5	17R403XXYW02	23.1	700	28,0	125	95	0.97
3500Lm 4000K CRI95 Casambi	17R403XXJ702	13.4	17R403XXJ802	13.3	17R403XXJ902	16.5	17R403XXB902	23.1	700	28,0	125	95	0.97

All values are measured at 230V (+/- 7%).



New!  
CRI95



UP TO  
5300 LM

↔  
ø 100 mm

ODION XS

**BEAM ANGLE**



Reflector  
LV: 18° / 37° / 60°



Diffuser  
LV: 80°



Honeycomb  
(Reduces the light output by ~25% compared to clear glass.)

**COLOURS**



Matt white  
RAL 9016



Matt black  
RAL 9005

**FRONT RINGS**



61



62



65



71



72

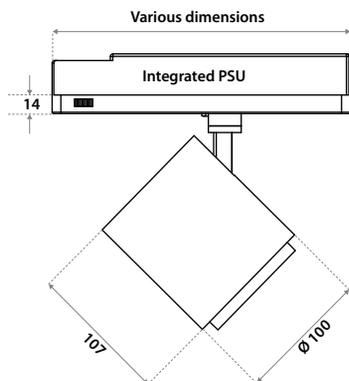


76

# Odion XS

## DIMENSIONS

With integrated power supply in the adapter, not visible after installation.



## SPECIFICATIONS

Beam angle (FWHM)	18° / 37° / 60° (On request 80°)
UGR (4H8H 70/50/20)	<19 (18° + 37°)
Fixture material	Die cast aluminium / Glass
Environment	Indoor
IP rate	IP20
IK rate	IK09
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Safety class	I

This luminaire contains built-in LED lamps.  
There are no exchangeable parts inside the luminaire.  
EU 874/2012

## TRACKS

On request! Ask our sales department about the possibilities.



## CHOOSE YOUR LV LUMEN OUTPUT

CRI95 standard	mA	W per lamp	Lumen Output		Lumen / Watt	
			3000K	4000K	3000K	4000K
Special request	500	19,4	2400	2500	124	128
Standard	700	28,0	3300	3500	118	125
Special request	800	32,5	3725	3950	115	122
Special request	900	37,0	4150	4400	112	119
Special request	1050*	44,1	4575	4850	104	110
Special request	1200*	51,3	5000	5300	97	103

\*In shop windows we do not recommend using these settings due to the high temperatures

## CHOOSE YOUR COLOURS

Housing/ Front ring	Item code	Housing/ Front ring	Item code
White/Gold	XX=61	Black/Gold	XX=71
White/Black	XX=62	Black/Black	XX=72
White/White	XX=65	Black/White	XX=76



## ITEM SPECIFICATIONS

Description Odion XS-HE	18°		37°		60°		80°		mA	W per lamp	Lm/W	CRI (typ.)	Pf
	Item code	UGR											
3300Lm 3000K CRI95 No dim	35R403XXHK02	23.9	35R403XXHL02	25.1	35R403XXHM02	24.4	35R403XXYR02	30.5	700	28,0	118	95	0.97
3300Lm 3000K CRI95 Dali	35R403XXE402	23.9	35R403XXE502	25.1	35R403XXE602	24.4	35R403XXYM02	30.5	700	28,0	118	95	0.97
3300Lm 3000K CRI95 Casambi	35R403XXJ402	23.9	35R403XXJ502	25.1	35R403XXJ602	24.4	35R403XXB802	30.5	700	28,0	118	95	0.97
3500Lm 4000K CRI95 No dim	35R403XXHN02	24.1	35R403XXHP02	25.3	35R403XXHQ02	24.6	35R403XXY02	30.7	700	28,0	125	95	0.97
3500Lm 4000K CRI95 Dali	35R403XXE702	24.1	35R403XXE802	25.3	35R403XXE902	24.6	35R403XXYW02	30.7	700	28,0	125	95	0.97
3500Lm 4000K CRI95 Casambi	35R403XXJ702	24.1	35R403XXJ802	25.3	35R403XXJ902	24.6	35R403XXB902	30.7	700	28,0	125	95	0.97

Description Odion PI-LED	60°		W per lamp	Lm/W	CRI (typ.)	Pf	Check our datasheets for more information
	Item code	UGR					
1670-1820Lm 1800-16000K Dali	35A403XX9E02	24.7	32,7	56	>90	>0.9	

All values are measured at 230V (+/- 7%).





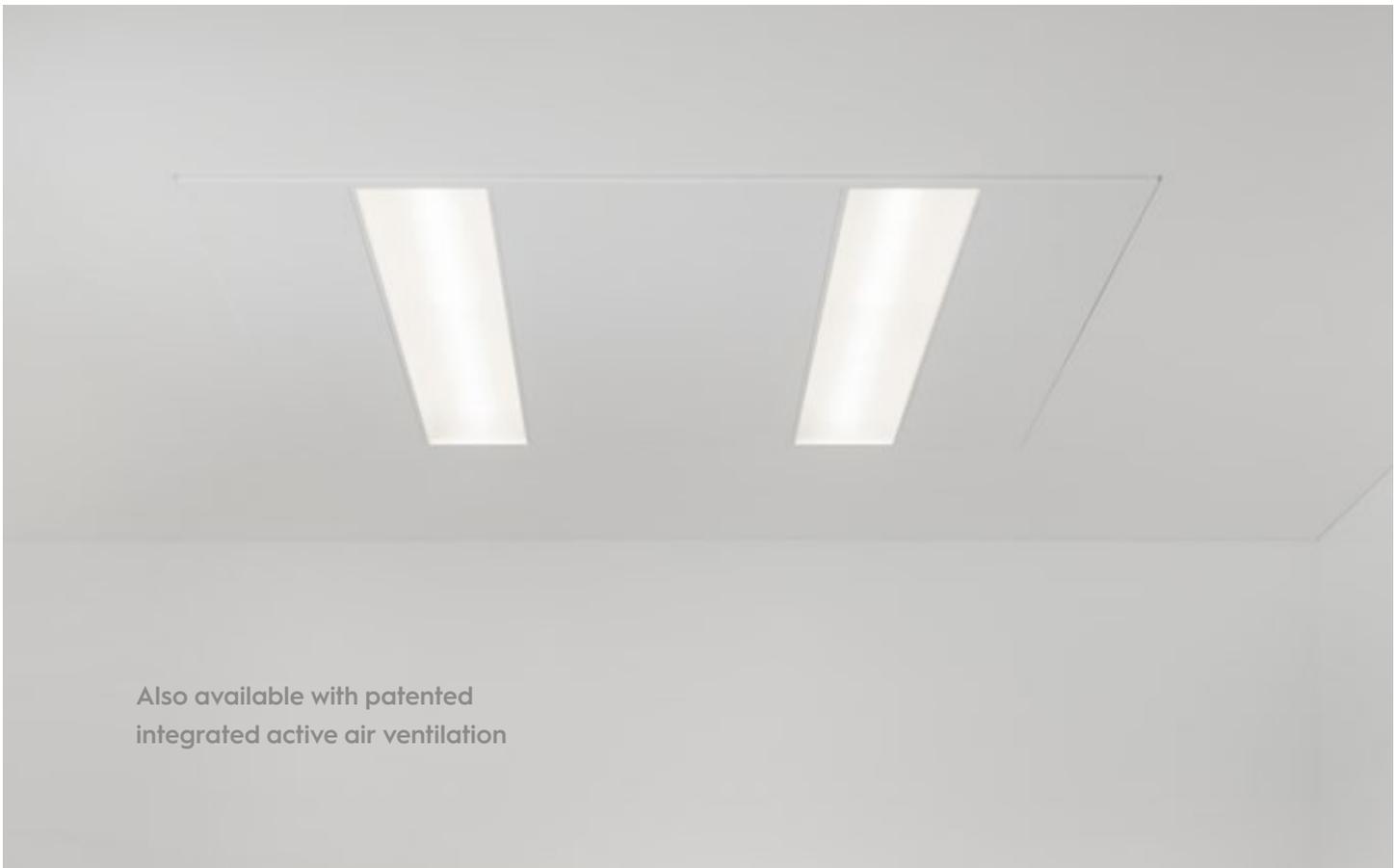
Porsche showroom  
Linissa 2L 1195x295



LINESA / CORTINA

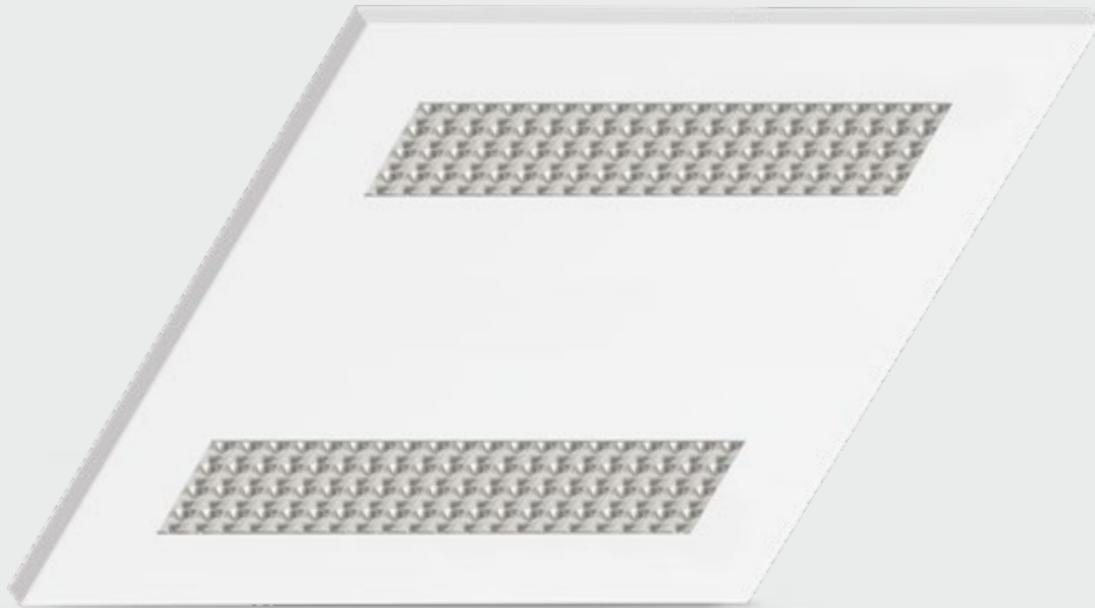
Cortina 2L 595x595,  
also available in  
620x620

RECESSED FOR MODULAR CEILINGS



Also available with patented  
integrated active air ventilation

See  
page  
40



595x595 / 620x620 mm

LINESSA 2L 595X595 / 620X620

**COLOURS**



Ceiling plate: Matt white RAL 9016  
Reflector cups: chrome

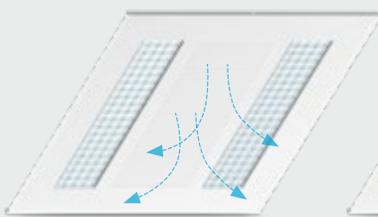


Ceiling plate: Matt white RAL 9016  
Reflector cups: white (on request)

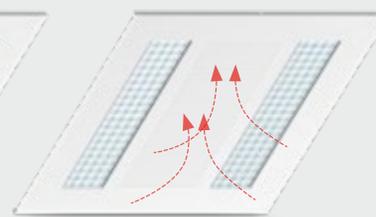
**DIMENSIONS ON REQUEST**

- 1195x295 mm
- 1720x112 mm

**LINESSA AIR 2L**



Lighting with integrated ventilation

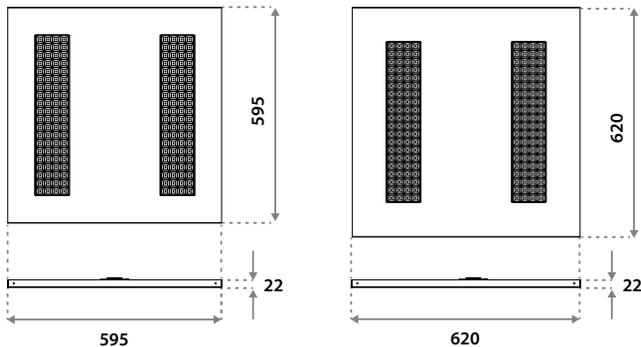


Also available as Linessa Air 2L.  
Scan this QR code for more  
information about Linessa Air 2L.



# Linessa 2L 595x595 / 620x620

## DIMENSIONS



## SPECIFICATIONS

Dimensions	595x595 (XX=C3) / 620x620 (XX=C2)
Beam angle (FWHM)	Chrome: 77° (Standard) White: 86° (Special request)
UGR (4H8H 70/50/20)	<16
Fixture material	Housing: Steel Reflector optic: Polycarbonate
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

This luminaire contains built-in LED lamps.  
There are no exchangeable parts inside the luminaire.  
EU 874/2012

IP20



SOUL SEMICONDUCTOR bhc TCI eldoLED KGP

## CHOOSE YOUR LUMEN OUTPUT

	mA	W per lamp	Lumen Output		Lumen / watt		UGR	
			3000K	4000K	3000K	4000K	3000K	4000K
<i>Special request</i>	350	16.6	2350	2450	142	148	12.6	12.8
<b>Standard</b>	500	23.8	3300	3450	139	145	13.8	14.0
<i>Special request</i>	600	28.6	3950	4100	138	143	14.4	14.6
<b>Standard</b>	700	33.6	4550	4750	135	141	14.9	15.1
<i>Special request</i>	900	43.5	5800	6000	133	138	15.8	15.9
<i>Special request</i>	1050	51.0	6500	6750	127	132	16.2	16.3

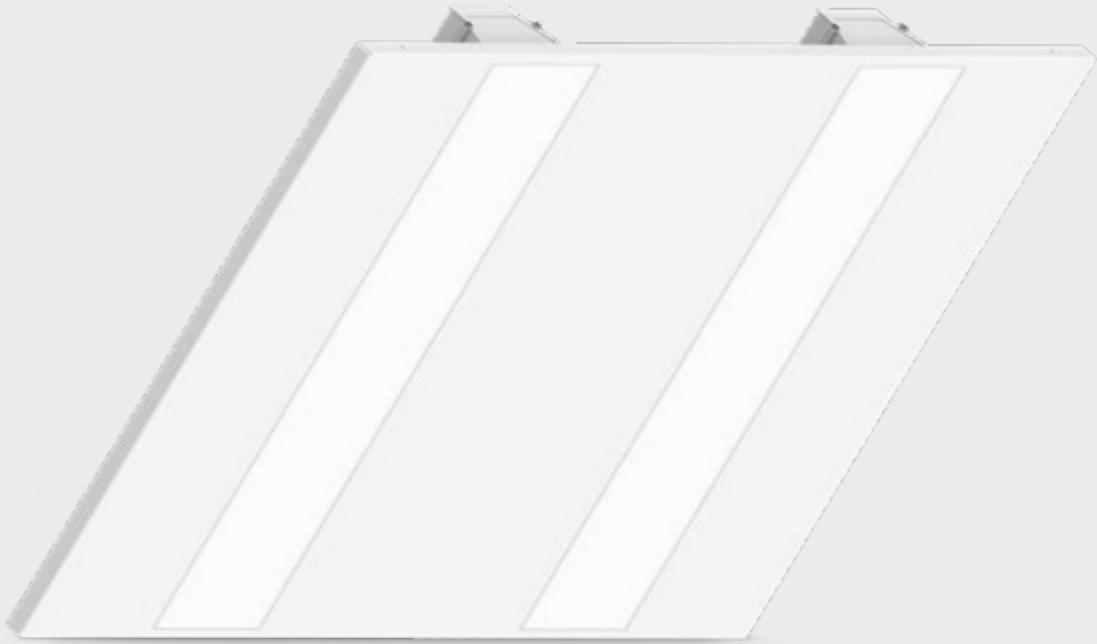
## ITEM SPECIFICATIONS

Description	Item code	mA	W per lamp	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Linessa 2L 3300Lm 3000K No dim	3DXX03CHXA02	500	23.8	139	83	13.8	0.95	II
Linessa 2L 3300Lm 3000K 1-10V & Push	3DXX03CHXE02	500	23.8	139	83	13.8	0.95	II
Linessa 2L 3300Lm 3000K Dali	3DXX03CHXC02	500	23.8	139	83	13.8	0.95	II
Linessa 2L 4550Lm 3000K No dim	3DXX03CHSG02	700	33.6	135	83	14.9	0.95	I
Linessa 2L 4550Lm 3000K 1-10V & Push	3DXX03CHSM02	700	33.6	135	83	14.9	0.95	II
Linessa 2L 4550Lm 3000K Dali	3DXX03CHSK02	700	33.6	135	83	14.9	0.95	II
Linessa 2L 3450Lm 4000K No dim	3DXX03CHXB02	500	23.8	145	83	14.0	0.95	II
Linessa 2L 3450Lm 4000K 1-10V & Push	3DXX03CHXF02	500	23.8	145	83	14.0	0.95	II
Linessa 2L 3450Lm 4000K Dali	3DXX03CHXD02	500	23.8	145	83	14.0	0.95	II
Linessa 2L 4750Lm 4000K No dim	3DXX03CHSH02	700	33.6	141	83	15.1	0.95	I
Linessa 2L 4750Lm 4000K 1-10V & Push	3DXX03CHSN02	700	33.6	141	83	15.1	0.95	II
Linessa 2L 4750Lm 4000K Dali	3DXX03CHSL02	700	33.6	141	83	15.1	0.95	II

All values are measured at 230V (+/- 7%).

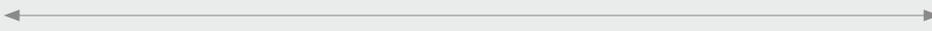


CORTINA 2L 595X595 / 620X620

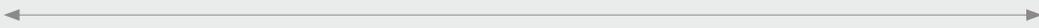


595x595 / 620x620 mm

**OTHER DIMENSIONS**



1195x295 mm



1720x100 mm

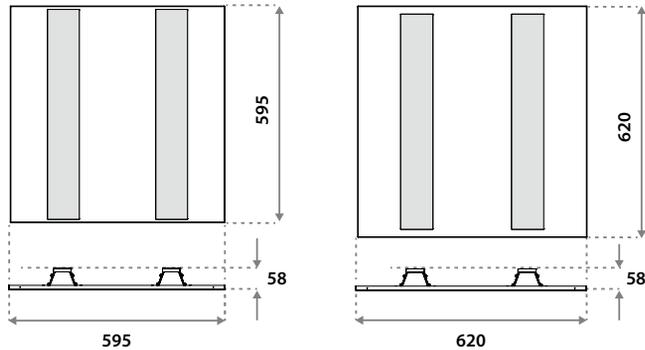
Check our datasheets, pricelist or website for all available versions and more information. Or ask our sales department.

**COLOURS**

Matt white  
RAL 9016

# Cortina 2L 595x595 / 620x620

## DIMENSIONS



## SPECIFICATIONS

Dimensions	595x595 (XX=C3) / 620x620 (XX=C2)
Beam angle (FWHM)	80° (Standard)
UGR (4H8H 70/50/20)	<19
Fixture material	Housing: Steel / Lens: Polycarbonate Diffuser: PMMA
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

This luminaire contains built-in LED lamps.  
There are no exchangeable parts inside the luminaire.  
EU 874/2012

IP20



SAMSUNG TCU eldoLED KGP

## CHOOSE YOUR LUMEN OUTPUT

	mA	W per lamp	Lumen Output		Lumen / watt		UGR	
			3000K	4000K	3000K	4000K	3000K	4000K
Special request	500	19,0	2500	2600	132	137	17,4	17,5
Standard	700	27,1	3300	3450	122	127	18,3	18,5
Special request	900	35,4	4100	4300	116	121	19,1	19,2
Standard	1050	41,8	4650	4900	111	117	19,5	19,7
Special request	1200	48,4	5150	5400	106	112	19,9	20,0

## ITEM SPECIFICATIONS

Description	Item code	mA	W per lamp	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Cortina 2L 3300Lm 3000K No dim	CAXX03MWX102	700	27,1	122	95	18.3	0.99	II
Cortina 2L 3300Lm 3000K 1-10V & Push	CAXX03MWX302	700	27,1	122	95	18.3	0.95	II
Cortina 2L 3300Lm 3000K Dali	CAXX03MWX202	700	27,1	122	95	18.3	0.95	II
Cortina 2L 4650Lm 3000K No dim	CAXX03MWX402	1050	41,8	111	95	19.5	0.99	II
Cortina 2L 4650Lm 3000K 1-10V & Push	CAXX03MWX602	1050	41,8	111	95	19.5	0.95	I
Cortina 2L 4650Lm 3000K Dali	CAXX03MWX502	1050	41,8	111	95	19.5	0.95	I
Cortina 2L 3450Lm 4000K No dim	CAXX03MWZF02	700	27,1	127	95	18.5	0.99	II
Cortina 2L 3450Lm 4000K 1-10V & Push	CAXX03MWZH02	700	27,1	127	95	18.5	0.95	II
Cortina 2L 3450Lm 4000K Dali	CAXX03MWZG02	700	27,1	127	95	18.5	0.95	II
Cortina 2L 4900Lm 4000K No dim	CAXX03MWZJ02	1050	41,8	117	95	19.7	0.99	II
Cortina 2L 4900Lm 4000K 1-10V & Push	CAXX03MWZL02	1050	41,8	117	95	19.7	0.95	I
Cortina 2L 4900Lm 4000K Dali	CAXX03MWZK02	1050	41,8	117	95	19.7	0.95	I

All values are measured at 230V (+/- 7%).



CORTINA 2L 1720X100



RECESSED FOR MODULAR CEILINGS



Plus Ultra, Utrecht  
Cortina

# Choose your LV lumen output



## CRI95 STANDARD

	MA	W	LUMEN OUTPUT			LUMEN / WATT			DRIVER TYPES				
			2700K	3000K	4000K	2700K	3000K	4000K	NO DIM	TRIAC	1-10V&PUSH	DALI	CASAMBI
Special request	125	4.5	700	725	750	155	161	166	127570	x	x	x	x
Special request	150	5.5	850	875	900	154	159	164	CC21W150-500	x	x	142014 <sup>2</sup>	142047
Special request	200	7.4	1125	1150	1175	152	156	159	CC21W150-500	on request	x	142014 <sup>2</sup>	142047
Standard	250	9.3	1350	1375	1425	145	148	153	CC21W150-500	on request	125400	142014 <sup>2</sup>	142047
Special request	300	11.3	1575	1625	1675	140	144	150	145192	on request	125400	142014 <sup>2</sup>	142047
Special request	350	13.2	1825	1875	1925	138	142	145	145192	EC25CA-E1ZHP	125400	142014 <sup>2</sup>	142047
Standard	400	15.2	2100	2150	2200	137	141	144	145192	on request	125400	142014	142047
Special request	450	17.3	2350	2400	2450	136	139	142	145192	on request	125400	142014	142047
Special request	500	19.3	2600	2625	2700	134	136	140	145192	EC25CA-E1ZHP	125400	142014	142047
Vector CL 145	500	19.3	2600	2625	2700	134	136	140	122198	x	125400	125403 <sup>1</sup>	x
Special request	550	21.4	2825	2900	2975	132	135	139	145192	EC25CA-E1ZHP	125400	142014	142047
Special request	600	23.6	3050	3125	3200	130	132	136	145192	on request	126421	142014	142047
Standard	650	25.7	3175	3275	3375	124	127	131	145192	on request	126421	142014	142047

<sup>1</sup> For other current settings check the TCI website or ask our sales department. <sup>2</sup> Strada 75/90 and Fido 98/108: eldoLED ECO240A.

## CRI97 STANDARD

	MA	W	LUMEN OUTPUT			LUMEN / WATT			DRIVER TYPES				
			2700K	3000K	4000K	2700K	3000K	4000K	NO DIM	TRIAC	1-10V&PUSH	DALI	CASAMBI
Special request	125	5.0	475	500	525	95	100	105	127570	x	x	x	x
Special request	150	6.1	550	575	625	91	95	103	CC21W150-500	x	x	142014 <sup>2</sup>	142047
Special request	200	8.1	700	750	825	86	93	102	CC21W150-500	x	x	142014 <sup>2</sup>	142047
Special request	250	9.8	850	900	1000	87	92	102	CC21W150-500	x	125400	142014 <sup>2</sup>	142047
Special request	300	12.0	1050	1100	1200	88	92	100	145192	x	125400	142014 <sup>2</sup>	142047
Standard	350	13.8	1150	1250	1350	83	91	98	145192	EC25CA-E1ZHP	125400	142014 <sup>2</sup>	142047
Special request	400	15.8	1300	1425	1550	82	90	98	145192	x	125400	142014	142047
Special request	450	18.0	1475	1600	1750	82	89	97	145192	x	125400	142014	142047
Standard	500	20.1	1625	1800	1925	81	89	96	145192	EC25CA-E1ZHP	125400	142014	142047
Vector CL 145	500	20.1	1625	1800	1925	81	89	96	122198	x	125400	123403 <sup>1</sup>	x
Special request	550	21.7	1750	1900	2050	80	87	94	145192	EC25CA-E1ZHP	125400	142014	142047
Special request	600	23.9	1900	2050	2225	80	86	93	145192	x	126421	142014	142047
Standard	650	26.0	2050	2250	2400	79	86	92	145192	x	126421	142014	142047

<sup>1</sup> For other current settings check the TCI website or ask our sales department. <sup>2</sup> Strada 75/90 and Fido 98/108: eldoLED ECO240A.

CHOOSE YOUR

Max. driver setting  
1200 mA



Max. driver setting  
500mA



## CRI95 STANDARD

	MA	W	LUMEN OUTPUT		LUMEN / WATT		DRIVER TYPES				
			3000K	4000K	3000K	4000K	NO DIM	TRIAC	1-10V&PUSH	DALI	CASAMBI
<i>Special request</i>	250	9,4	1250	1275	133	136	CC21W150-500	on request	125400	142014	142047
<i>Special request</i>	350	13,3	1725	1750	130	132	145192	EC25CA-E1ZHP	125400	142014	142047
<b>Cylinder / Vector 235</b>	500	19,4	2400	2500	124	129	145192	127032	125400	142014	142047
<i>Special request</i>	500	19,4	2400	2500	124	129	145192	EC25CA-E1ZHP	125400	142014	142047
<b>Standard</b>	700	28,0	3300	3500	118	125	145192	EC25CA-E1ZHP	126421	142014	142047
<i>Special request</i>	800	32,5	3725	3950	115	122	145192	on request	151100	142014	142047
<i>Special request</i>	900	37,0	4150	4400	112	119	145192	on request	151100	142014	142047
<i>Special request</i>	1050	44,1	4575	4850	104	110	145192	on request	151100	142014	142047
<b>Standard</b>	1200	51,3	5000	5300	97	103	127690	x	ECO561A	ECO560A	x

## CRI82 STANDARD

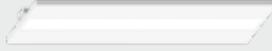
	MA	W	LUMEN OUTPUT		LUMEN / WATT		DRIVER TYPES				
			3000K	4000K	3000K	4000K	NO DIM	TRIAC	1-10V&PUSH	DALI	CASAMBI
<i>Special request</i>	250	9,2	1350	1400	147	152	CC21W150-500	on request	125400	142014	142047
<i>Special request</i>	350	13,1	1850	1900	141	145	145192	EC25CA-E1ZHP	125400	142014	142047
<b>Cylinder / Vector 235</b>	500	19,4	2525	2600	130	134	145192	127032	125400	142014	142047
<i>Special request</i>	500	19,4	2525	2600	130	134	145192	EC25CA-E1ZHP	125400	142014	142047
<b>Standard</b>	700	27,9	3575	3650	128	131	145192	EC25CA-E1ZHP	126421	142014	142047
<i>Special request</i>	800	32,4	3825	4050	118	125	145192	on request	151100	142014	142047
<i>Special request</i>	900	36,8	4300	4500	117	122	145192	on request	151100	142014	142047
<i>Special request</i>	1050	43,7	4900	5100	112	117	145192	on request	151100	142014	142047
<b>Standard</b>	1200	51,2	5550	5800	108	113	127690	x	ECO561A	ECO560A	x

## LV LUMEN OUTPUT

### Cortina 2L



Cortina 2L 595x595  
620x620



Cortina 2L 1195x295



Cortina 2L 1720x100

	MA	W	LUMEN OUTPUT		LUMEN / WATT		UGR		DRIVER TYPES			
			3000K	4000K	3000K	4000K	3000K	4000K	NO DIM	1-10V&PUSH	DALI	CASAMBI
<i>Special request</i>	500	19,0	2500	2600	132	137	17,4	17,5	145192	125400	142014	142047
<b>Standard</b>	700	27,1	3300	3450	122	127	18,3	18,5	145192	126421	142014	142047
<i>Special request</i>	900	35,4	4100	4300	116	121	19,1	19,2	145192	151100	142014	142047
<b>Standard</b>	1050	41,8	4650	4900	111	117	19,5	19,7	145192	ECO561A	142014	142047
<i>Special request</i>	1200	48,4	5150	5400	106	112	19,9	20,0	127690	ECO561A	ECO560A	x

### Linessa 2L



Linessa 2L 595x595  
620x620

	MA	W	LUMEN OUTPUT		LUMEN / WATT		UGR		DRIVER TYPES			MA	LM	DRIVER TYPES	
			3000K	4000K	3000K	4000K	3000K	4000K	NO DIM	1-10V&PUSH	DALI			2700-6500K	DALI
<i>Special request</i>	350	16,6	2350	2450	142	148	12,6	12,8	127570	126421	142014	2x350	1650	x	x
<b>Standard</b>	500	23,8	3300	3450	139	145	13,8	14,0	127570	126421	142014	2x500	2350	On request	On request
<i>Special request</i>	600	28,6	3950	4100	138	143	14,4	14,6	127480N	126421	142014	2x600	2800	On request	On request
<b>Standard</b>	700	33,6	4550	4750	135	141	14,9	15,1	127480N	126421	142014	2x750	3450	DL562/A	DL562/A-C
<i>Special request</i>	900	43,5	5800	6000	133	138	15,8	15,9	122204	ECO561A	ECO560A	2x900	4200	On request	On request
<i>Special request</i>	1050	51,0	6500	6750	127	132	16,2	16,3	122204	ECO561A	ECO560A	2x1050	4900	On request	On request

CHOOSE YOUR

## Trackspots



Odion XS

Max 1200mA

### CRI95 STANDARD

	MA	W	LUMEN OUTPUT		LUMEN / WATT		DRIVER TYPES			
			3000K	4000K	3000K	4000K	NO DIM	TRIAC	DALI	CASAMBI
<i>Special request</i>	500	19,4	2400	2500	124	128	GA-016	On request	PRO-T6I050N	GA
<b>Standard</b>	700	28,0	3300	3500	118	125	GA-016	On request	PRO-T6I050N	GA
<i>Special request</i>	800	32,5	3725	3950	115	122	GA-016	On request	PRO-T6I050N	GA
<i>Special request</i>	900	37,0	4150	4400	112	119	GA-016	On request	PRO-T6I050N	GA
<i>Special request</i>	1050*	44,1	4575	4850	104	110	GA-016	On request	PRO-T6I050N	GA
<i>Special request</i>	1200*	51,3	5000	5300	97	103	SC60W1100-1400CG	x	On request	On request

\*In shop windows we do not recommend using these settings due to the high temperatures

## Trackspots



Linea AS-XS

Max. 800mA

### CRI95 STANDARD

	MA	W	LUMEN OUTPUT		LUMEN / WATT		DRIVER TYPES			
			3000K	4000K	3000K	4000K	NO DIM	TRIAC	DALI	CASAMBI
<i>Special request</i>	500	19,4	2400	2500	124	128	GA-016	On request	PRO-T6I050N	GA
<b>Standard</b>	700	28,0	3300	3500	118	125	GA-016	On request	PRO-T6I050N	GA
<i>Special request</i>	800	32,5	3725	3950	115	122	GA-016	On request	PRO-T6I050N	GA

**1 PSU 350 / 500 / 700 MA**



**05CG / 05GG / 05MG**

TRIAC (TCI 122260)

- Max. 3 downlights (47Vf)



**05ZA / 05ZB / 05ZC**

DALI (TCI 142014)

- Max. 4 downlights (54Vf)



**05CH / 05GH / 05MH**

1-10V & Push (TCI 126421)

- Max. 4 downlights - 350mA (53Vf)

- Max. 4 downlights - 500mA (50Vf)

- Max. 3 downlights - 700mA (46Vf)



**05ZD / 05ZE / 05ZF**

Casambi (TCI 142047)

- Max. 4 downlights (54Vf)



**05CM / 05GM / 05MM**

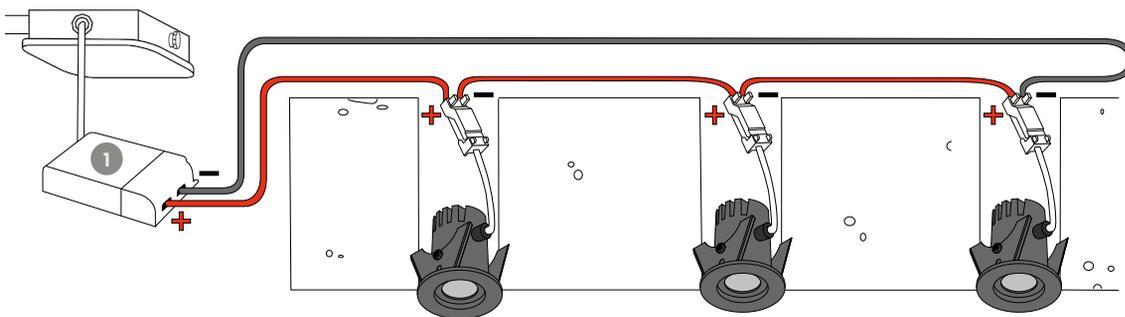
Dali 1-10V & Push (TCI 127413)

- Max. 6 downlights (72Vf)

# Central PSU for Mini downlights (mA)

## INSTALLATION DIMMABLE CENTRAL POWER SUPPLY

Downlight including AMP to connection box.



## DIMMABLE CENTRAL POWER SUPPLIES

**350mA** - 05CG03MLMD00 / 05ZA03MLMD00 / 05CH03MLMD00 / 05ZD03MLMD00 / 05CM03MLMD00

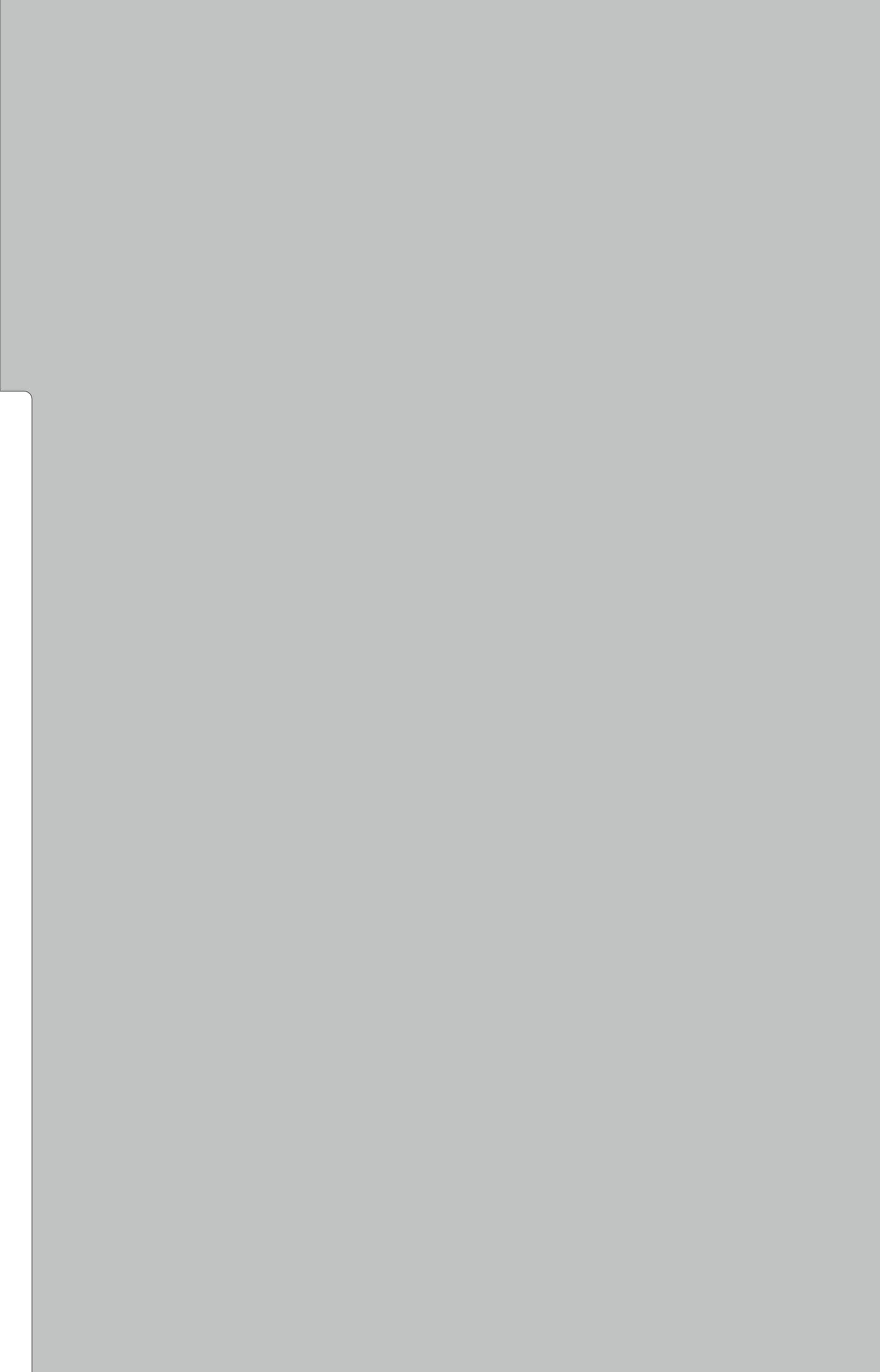
**500mA** - 05GG03MLME00 / 05ZB03MLME00 / 05GH03MLME00 / 05ZE03MLME00 / 05GM03MLME00

**700mA** - 05MG03MLMF00 / 05ZC03MLMF00 / 05MH03MLMF00 / 05ZF03MLMF00 / 05MM03MLMF00



## POWER SUPPLY UNITS CONSTANT CURRENT (mA)

Description	Item code	Watt	Current	Efficiency	Pf	Ripple	Input	Dimensions	Inrush current	B-16A Fuse
PSU 17W 350mA Triac	05CG03MLMD00	17W (47Vf)	350mA	85%	0.97	<3%	220-240V	166x46x34 mm	5A 50µS	50 pcs
PSU 18W 350mA Dali	05ZA03MLMD00	18W (54Vf)	350mA	89%	0.95	<3%	220-240V	147x43x22 mm	5A 50µS	50 pcs
PSU 18W 350mA 1-10V & Push	05CH03MLMD00	18W (53Vf)	350mA	88%	0.95	<3%	220-240V	103x67x21 mm	5A 50µS	50 pcs
PSU 18.5W 350mA Casambi	05ZD03MLMD00	18.5W (54Vf)	350mA	89%	0.95	<3%	220-240V	147x43x22 mm	5A 50µS	50 pcs
PSU 25W 350mA Dali / 1-10V & Push	05CM03MLMD00	25W (74Vf)	350mA	89%	0.95	<3%	220-240V	124x79x22 mm	10A 200µS	30 pcs
PSU 24W 500mA Triac	05GG03MLME00	24W (47Vf)	500mA	85%	0.97	<3%	220-240V	166x46x34 mm	5A 50µS	50 pcs
PSU 27W 500mA Dali	05ZB03MLME00	27W (54Vf)	500mA	89%	0.95	<3%	220-240V	147x43x22 mm	5A 50µS	50 pcs
PSU 25W 500mA 1-10V & Push	05GH03MLME00	25W (50Vf)	500mA	88%	0.95	<3%	220-240V	103x67x21 mm	5A 50µS	50 pcs
PSU 27W 500mA Casambi	05ZE03MLME00	27W (54Vf)	500mA	89%	0.95	<3%	220-240V	147x43x22 mm	5A 50µS	50 pcs
PSU 35W 500mA Dali / 1-10V & Push	05GM03MLME00	35W (72Vf)	500mA	89%	0.95	<3%	220-240V	124x79x22 mm	10A 200µS	30 pcs
PSU 32W 700mA Triac	05MG03MLMF00	32W (46Vf)	700mA	85%	0.97	<3%	220-240V	166x46x34 mm	5A 50µS	50 pcs
PSU 38W 700mA Dali	05ZC03MLMF00	38W (54Vf)	700mA	89%	0.95	<3%	220-240V	147x43x22 mm	5A 50µS	50 pcs
PSU 32W 700mA 1-10V & Push	05MH03MLMF00	32W (46Vf)	700mA	88%	0.95	<3%	220-240V	103x67x21 mm	5A 50µS	50 pcs
PSU 36W 700mA Casambi	05ZF03MLMF00	36W (51Vf)	700mA	89%	0.95	<3%	220-240V	147x43x22 mm	5A 50µS	50 pcs
PSU 50W 700mA Dali / 1-10V & Push	05MM03MLMF00	50W (72Vf)	700mA	89%	0.95	<3%	220-240V	124x79x22 mm	10A 200µS	30 pcs



# Lighting for ceiling

# solutions



ILLUXTRON

L4CS

WHY CHOOSE L4CS?

# Increase your efficiency with Illuxtron's L4CS collection

ILLUXTRON

# Why choose L4CS?

## PLUG-AND-PLAY

Thanks to the innovative plug-and-play cable system, installation in accordance with the norms is surprisingly easy. Installation of the lighting can now be done by the same parties who also install the ceiling.



## EFFICIENT PROJECT PLANNING

If the ceiling installer also installs the lighting, this will result in a faster, more efficient installation process without interruptions.



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L4CS COLLECTION

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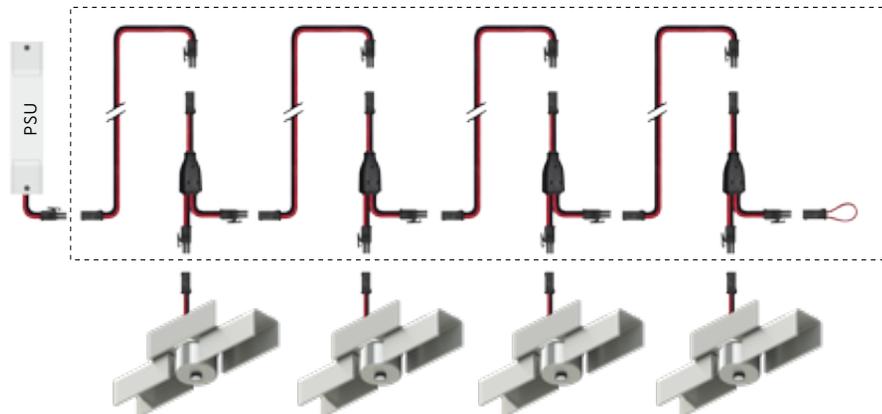
Linea 75  
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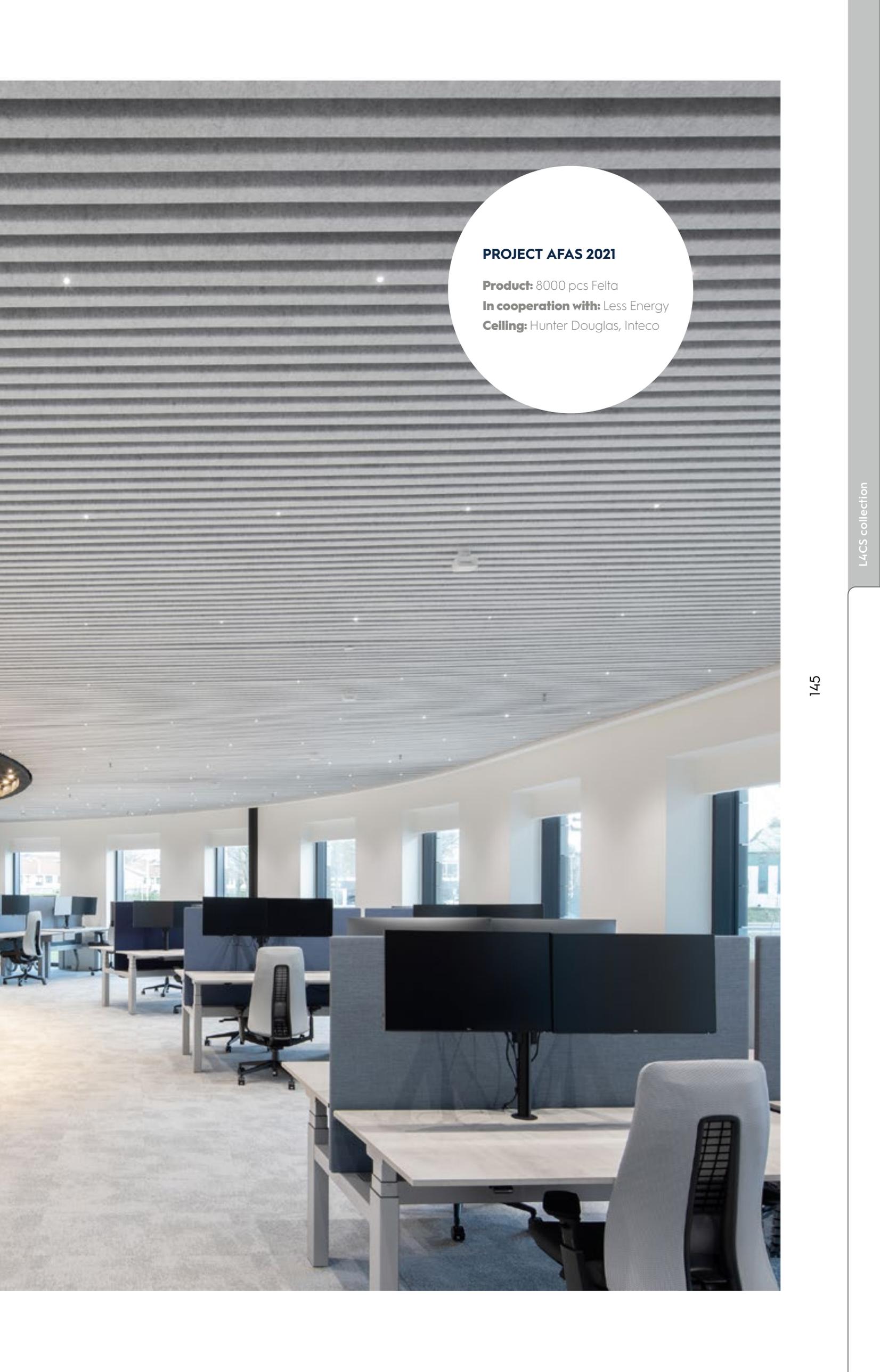




# Felta

FELTA





**PROJECT AFAS 2021**

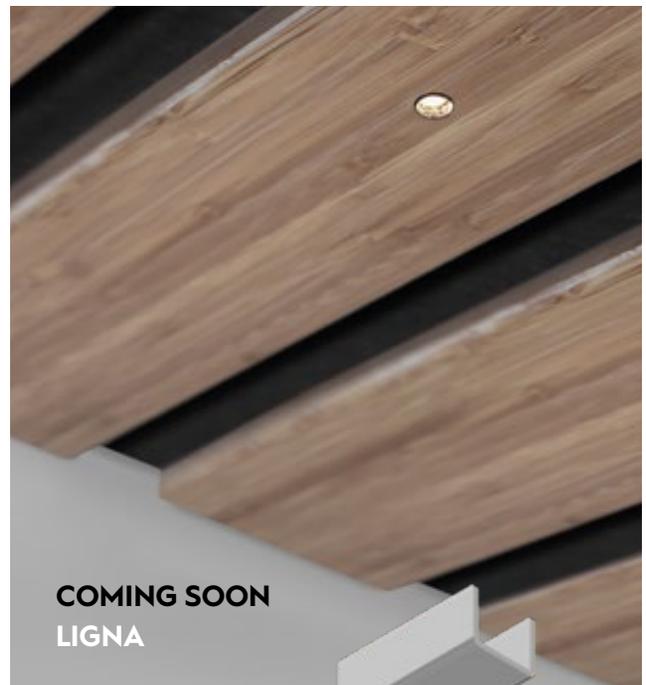
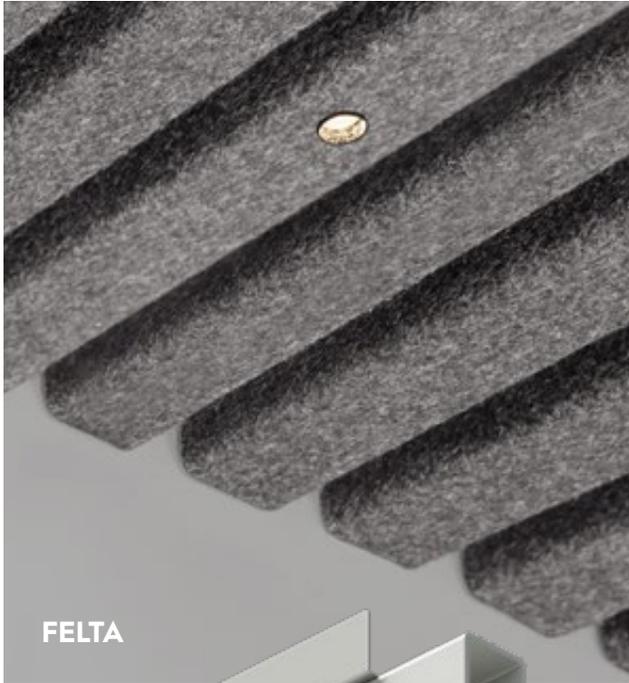
**Product:** 8000 pcs Felta

**In cooperation with:** Less Energy

**Ceiling:** Hunter Douglas, Inteco

# There are various options for different ceilings

FELTA / GROOVY / FERRO / LIGNA

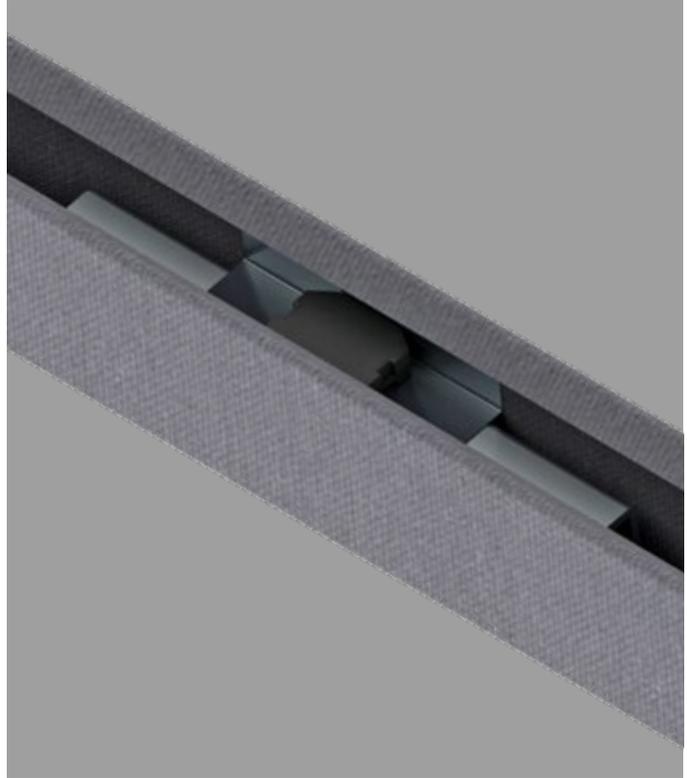
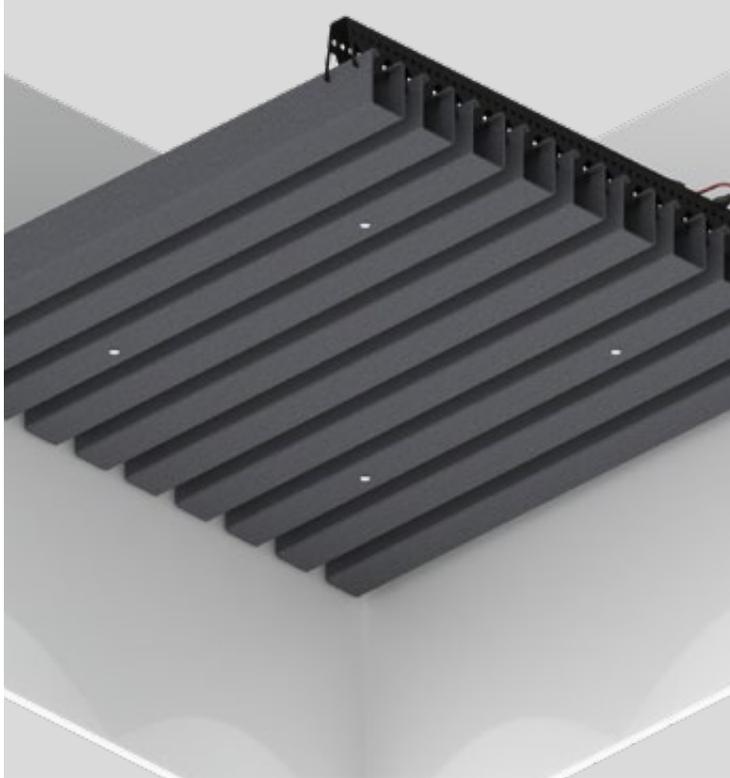


## FELTA

This version is designed for integration into the TEXTILE Heartfelt® linear system. Only the tube of the optics extends through a hole in the panel's felt, making the rest of the luminaire completely invisible. The top bracket provides additional cooling and ensures that the optics are securely positioned within the hole.

Approved by

**HunterDouglas** 



### HEARTFELT® LINEAR SPECIFICATIONS

- Modular linear felt system
- Panel dimensions  
Boxshaped: 40 x 55 mm
- Available in 5 shades of grey and 5 earth tones
- Panel length max. 6000 mm

**HunterDouglas** 

**L4CS** Lighting for Ceiling Solutions.

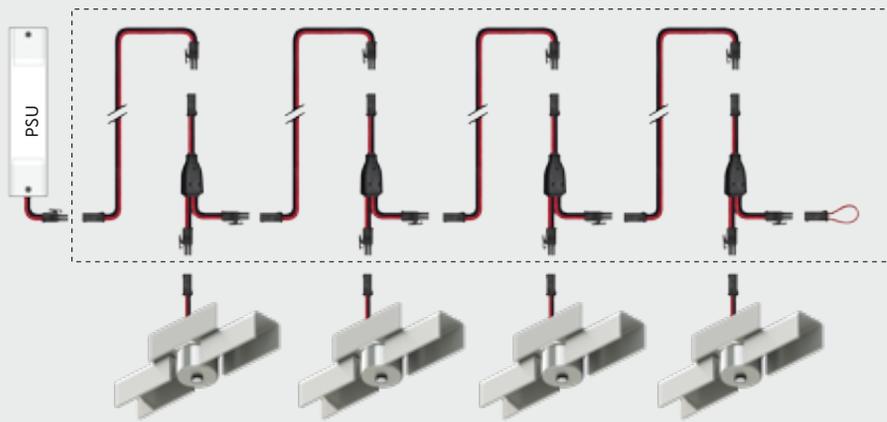
**Bartenbach**  
lighting optics



Developed in cooperation with

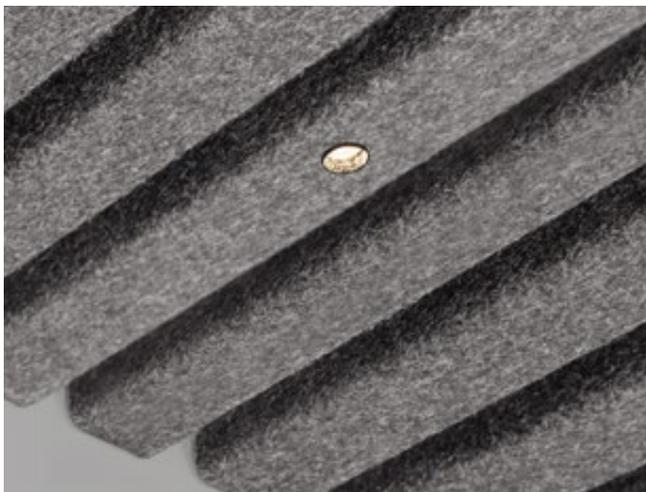
**HunterDouglas**

FELTA



### APPLICATION

Felta integrated in HeartFelt® Linear

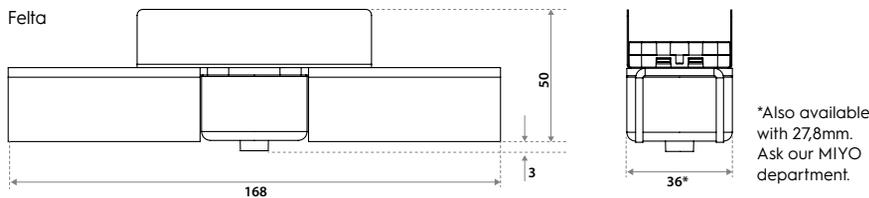


Backside (ceiling HeartFelt® Linear)



# Felta (4 spots to 1 driver)

## DIMENSIONS



## CHOOSE YOUR LV LUMEN OUTPUT

	mA	1 spot		4 spots		Lumen Output			Lumen / Watt			Advised PSU		
		Vf	W	Vf	W	2700K	3000K	4000K	2700K	3000K	4000K	KGP No dim	KGP Dali	TCI Casambi
Special	350	11,2	3,9	44,8	15,6	225	250	275	57	64	70	CC36W150-900	CC36W150-900	142047
Special	500	11,4	5,7	45,6	22,8	375	400	425	66	70	75	CC36W150-900	CC36W150-900	142047
<b>Standard</b>	700	11,7	8,2	46,8	32,8	475	525	575	58	64	70	CC36W150-900	CC36W150-900	142047

## SPECIFICATIONS

Beam angle	60° (35° on request)
Fixture material	Solid aluminium
Environment	Indoor
UGR	<10°
IK rate	IK09
IP rate	IP20
Operating temperature	-20 / +45°C
Safety marks	EN60598 / EN62031 / EN62471
Colour consistency	MacAdam step 3
Warranty	7 years

EU 874/2012

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.

\* This luminaire is glare free because the Light Emitting Surface is completely integrated behind the tube opening. According to the CIE 147-2002 norms it is not possible to calculate a reliable UGR value for this kind of optical solution.



b7c LUMILEDS bridgelux

## ITEM SPECIFICATIONS

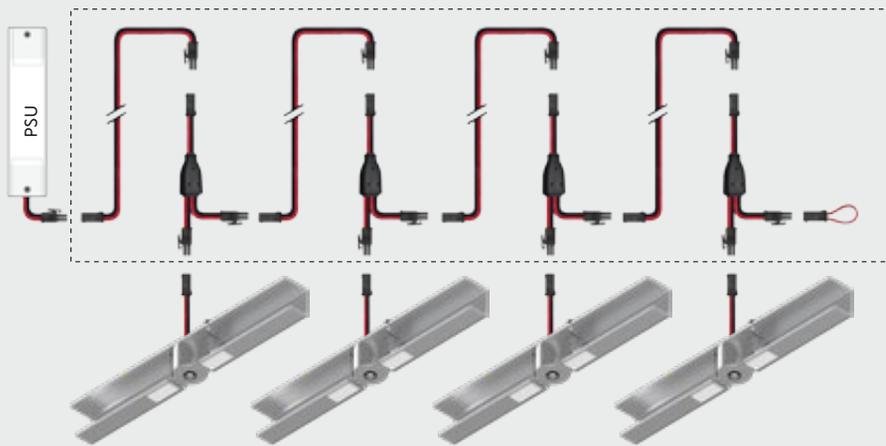
Description	Item code	Input	Vf	W per lamp	Lm	Lm/W	CRI (typ.)	Safety class
Felta L4CS max 475 Lm 2700K 60°	FL3X03AL27E2	max 700mA	11,7	8,2	475	58	93	III
Felta L4CS max 525 Lm 3000K 60°	FL3X03AL30E2	max 700mA	11,7	8,2	525	64	93	III
Felta L4CS max 575 Lm 4000K 60°	FL3X03AL40E2	max 700mA	11,7	8,2	575	70	93	III

All values are measured at 230V (+/- 7%).



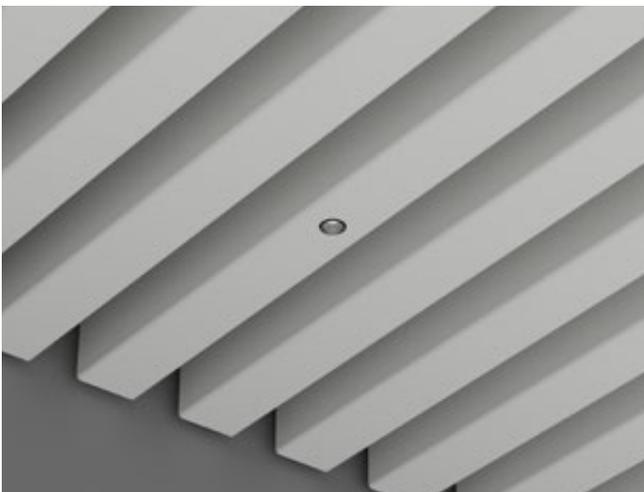


FERRO



**APPLICATION**

Ferro integrated in a SAPP ceiling.

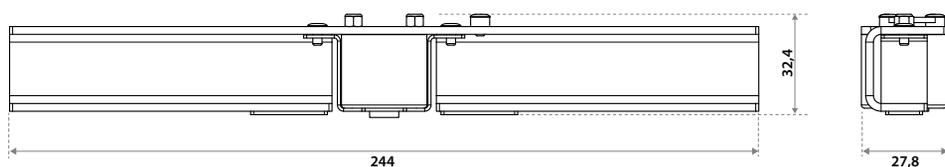


The Ferro can be installed in any other metal plate.

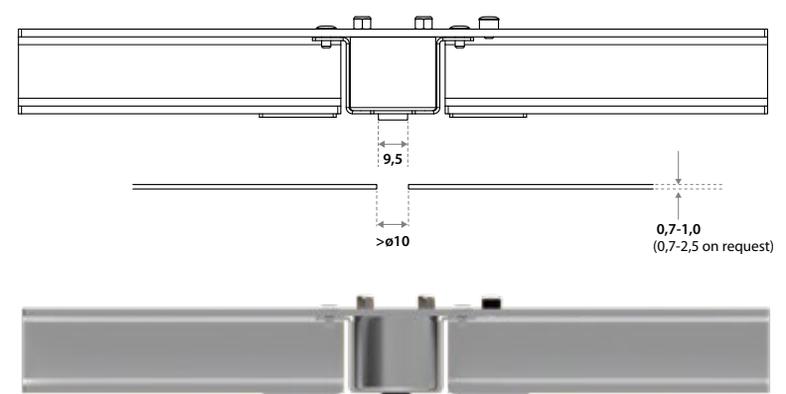


# Ferro (4 spots to 1 driver)

## DIMENSIONS



## CUT-OUT



## CHOOSE YOUR LV LUMEN OUTPUT

	mA	1 spot		4 spots		Lumen Output			Lumen / Watt			Advised PSU		
		Vf	W	Vf	W	2700K	3000K	4000K	2700K	3000K	4000K	KGP No dim	KGP Dali	TCI Casambi
Special	350	11,2	3,9	44,8	15,6	225	250	275	57	64	70	CC36W150-900	CC36W150-900	142047
Special	500	11,4	5,7	45,6	22,8	375	400	425	66	70	75	CC36W150-900	CC36W150-900	142047
<b>Standard</b>	700	11,7	8,2	46,8	32,8	475	525	575	58	64	70	CC36W150-900	CC36W150-900	142047

## SPECIFICATIONS

Beam angle	60° (35° on request)
Fixture material	Solid aluminium
Environment	Indoor
UGR	<10*
IK rate	IK09
IP rate	IP20
Operating temperature	-20 / +45°C
Safety marks	EN60598 / EN62031 / EN62471
Colour consistency	MacAdam step 3
Warranty	7 years

EU 874/2012

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.

\* This luminaire is glare free because the Light Emitting Surface is completely integrated behind the tube opening. According to the CIE 147-2002 norms it is not possible to calculate a reliable UGR value for this kind of optical solution.



## ITEM SPECIFICATIONS

Description	Item code	Input	Vf	W per lamp	Lm	Lm/W	CRI (typ.)	Safety class
Ferro L4CS max 475 Lm 2700K 60°	FR3X03AL27E2	max 700mA	11,7	8,2	475	58	93	III
Ferro L4CS max 525 Lm 3000K 60°	FR3X03AL30E2	max 700mA	11,7	8,2	525	64	93	III
Ferro L4CS max 575 Lm 4000K 60°	FR3X03AL40E2	max 700mA	11,7	8,2	575	70	93	III

All values are measured at 230V (+/- 7%).

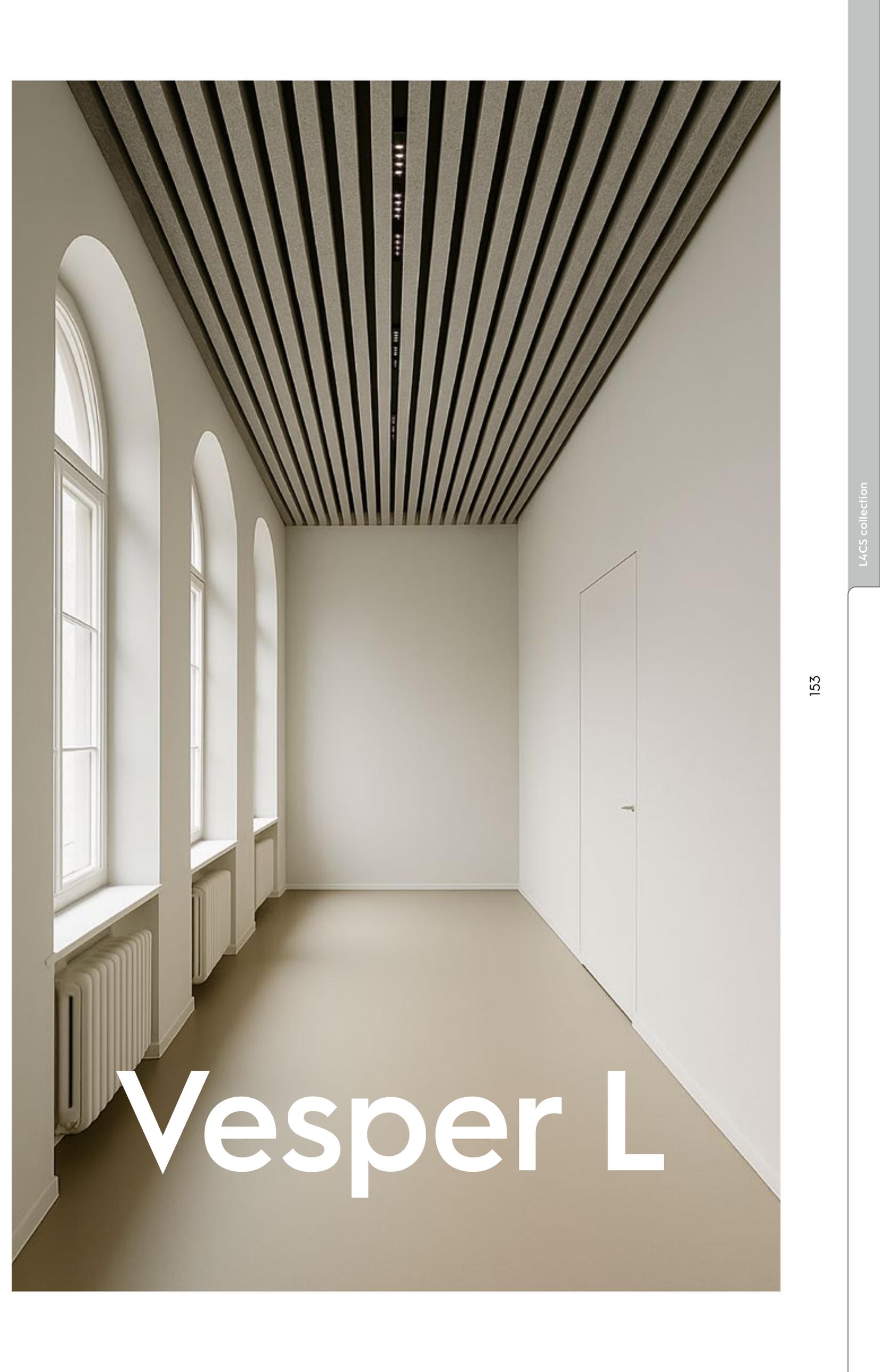


VESPER



# Vesper D

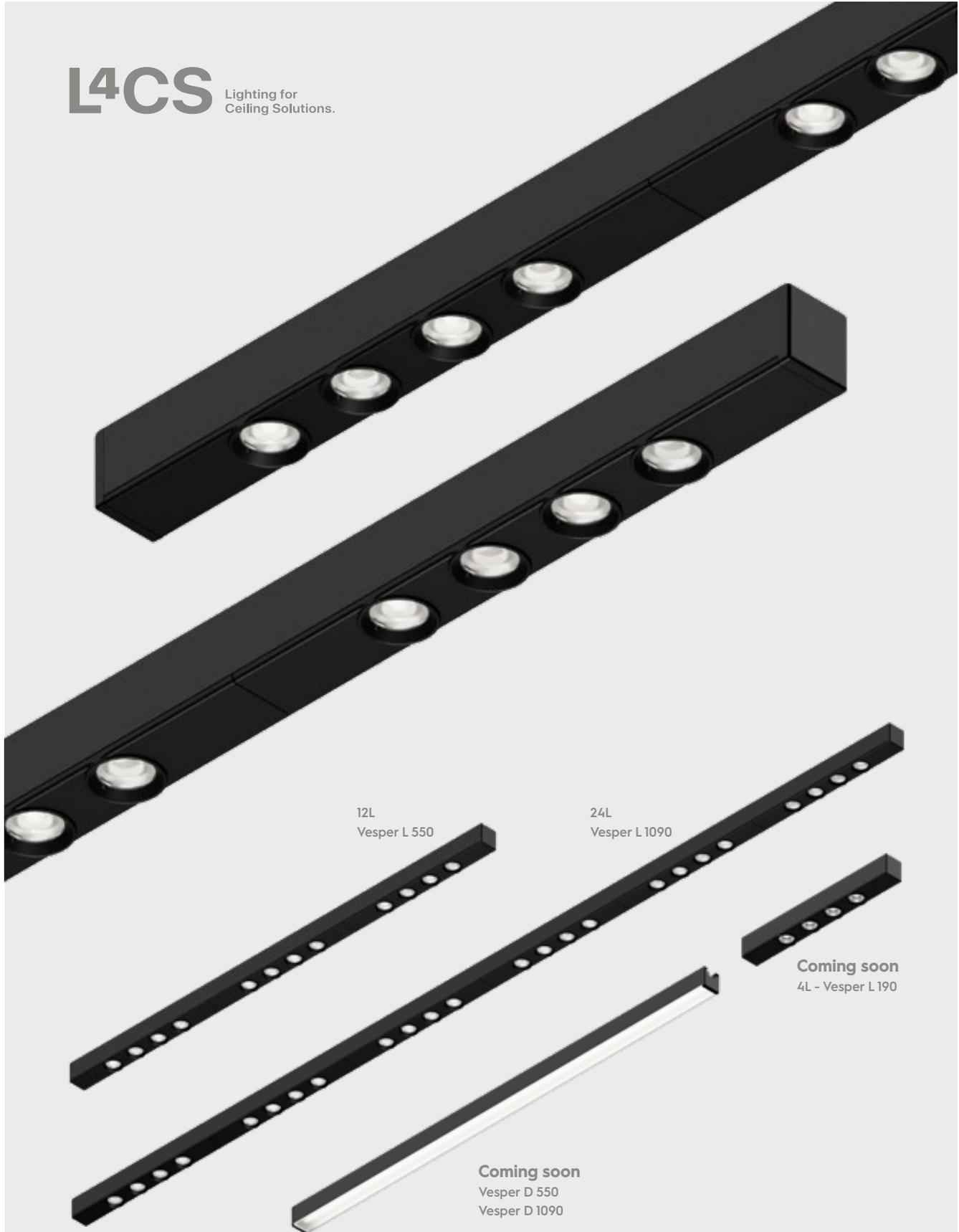
Coming soon!



# Vesper L

**L4CS** Lighting for Ceiling Solutions.

VESPER L 550 & 1090



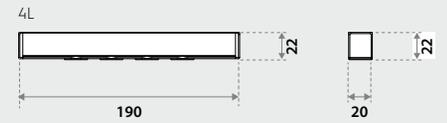
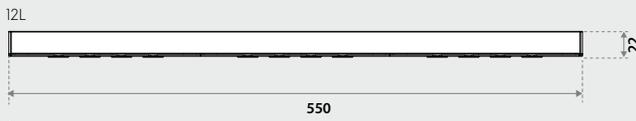
12L  
Vesper L 550

24L  
Vesper L 1090

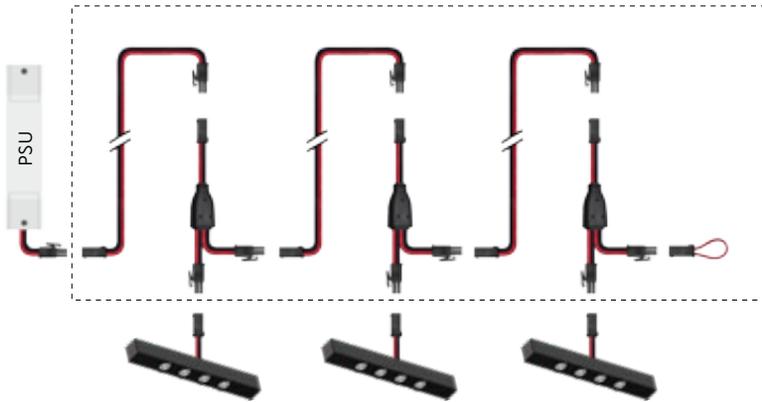
Coming soon  
4L - Vesper L 190

Coming soon  
Vesper D 550  
Vesper D 1090

**DIMENSIONS**



# Vesper L (3 spots to 1 driver)



## CHOOSE YOUR LV LUMEN OUTPUT

	mA	3 spots		Lumen Output		Lumen / Watt		UGR		Advised PSU	
		Vf	W	3000K	4000K	3000K	4000K	3000K	4000K	No dim	Dali
<b>Vesper 550</b>											
Standard	1050	53,7	56,4	2075	2175	110	116	17,2	17,3	127568	126566
Special request	1200	54,6	65,5	2350	2450	108	112	17,6	17,8	127568	126566
Special request	1300	55,5	72,2	2525	2625	105	109	17,9	18	127568	126566
Standard	1400	55,8	78,1	2700	2800	104	108	18,1	18,2	127568	126566
<b>Vesper 1090</b>											
Standard	1050	53,1	55,8	2075	2175	112	117	14,8	14,9	127568	126566
Special request	1200	53,7	64,4	2350	2450	109	114	15,2	15,3	127568	126566
Special request	1300	54,6	71,0	2525	2625	107	111	15,5	15,6	127568	126566
Standard	1400	54,9	76,9	2700	2800	105	109	15,7	15,8	127568	126566

## SPECIFICATIONS

Beam angle	50° (wider beam angle on request for non <UGRI9 applications)
Fixture material	Housing: aluminium / front cover: ABS / lens: Polycarbonate
Environment	Indoor
IK rate	IK03
IP rate	IP20
Operating temperature	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
Colour consistency	MacAdam Step 3
Warranty	7 years

EU 874/2012

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.

IP20

MADE IN HOLLAND

7 YEAR WARRANTY

ECO

bhc bridgelux

## ITEM SPECIFICATIONS

Description	Item code	Input	Vf	W per lamp	Lm	Lm/W	CRI (typ.)	Safety class
Vesper L 550 L4CS max 2700Lm 3000K 50°	V10A03BL9SE2	max 1400mA	18,6	26,0	2700	104	93	III
Vesper L 550 L4CS max 2800Lm 4000K 50°	V10B03BL9SE2	max 1400mA	18,6	26,0	2800	108	93	III
Vesper L 1090 L4CS max 2700Lm 3000K 50°	V20A03BL9SE2	max 1400mA	18,3	25,6	2700	105	93	III
Vesper L 1090 L4CS max 2800Lm 4000K 50°	V20B03BL9SE2	max 1400mA	18,3	25,6	2800	109	93	III

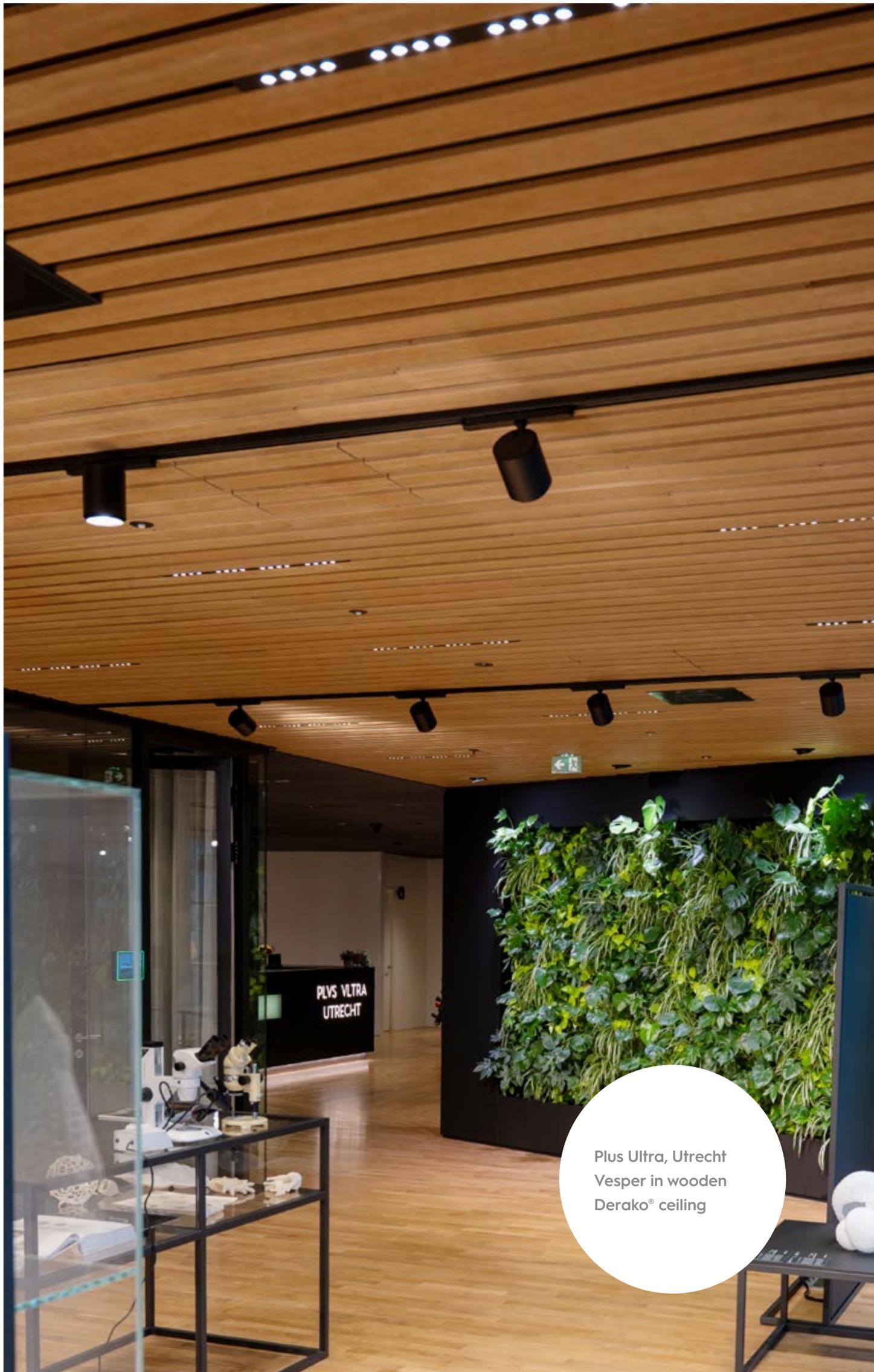
All values are measured at 230V (+/- 7%).



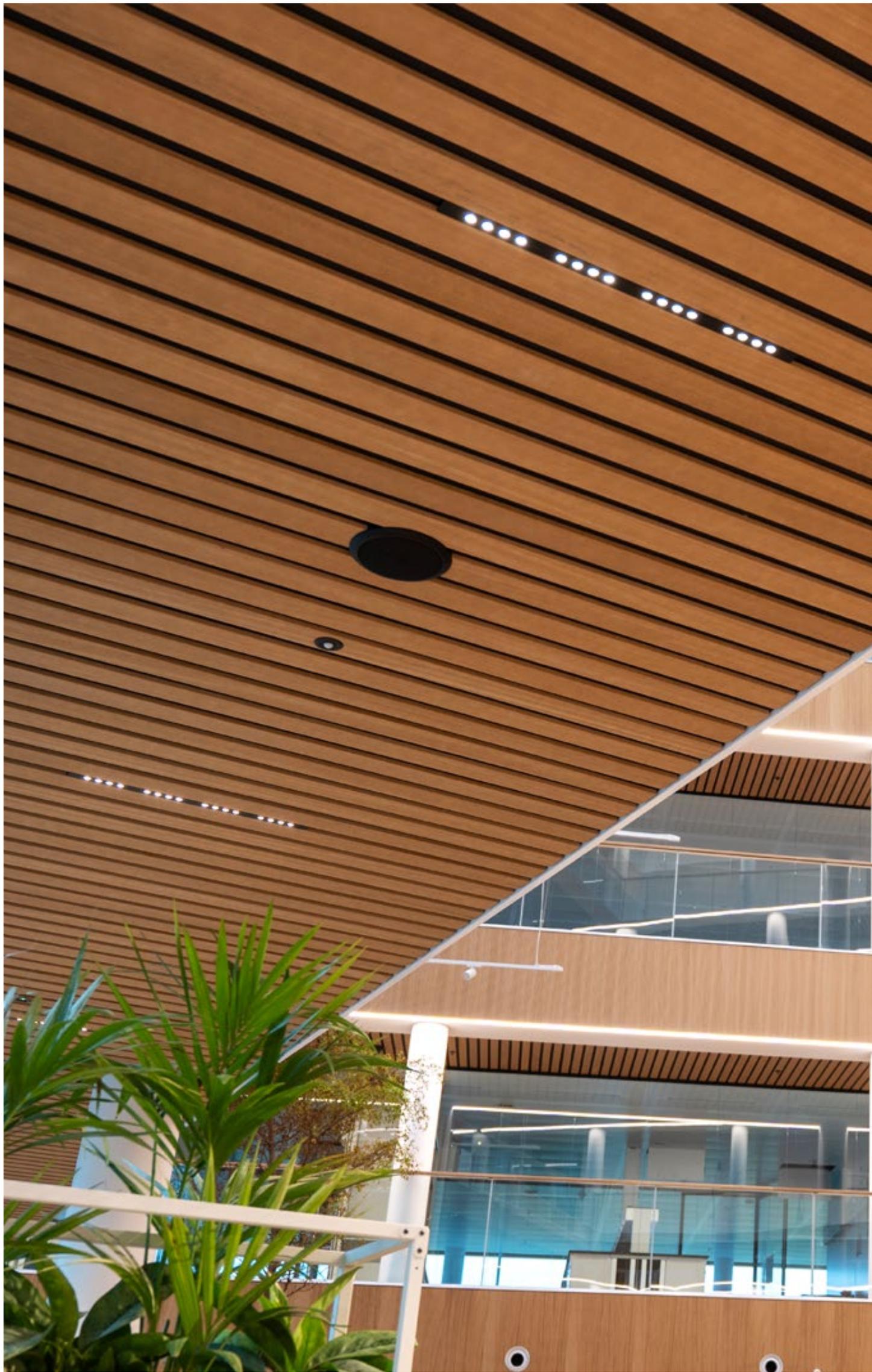
VESPER







Plus Ultra, Utrecht  
Vesper in wooden  
Derako® ceiling



# Vesper 190, 550 & 1090 mounting options

More options and information can be found on the datasheet

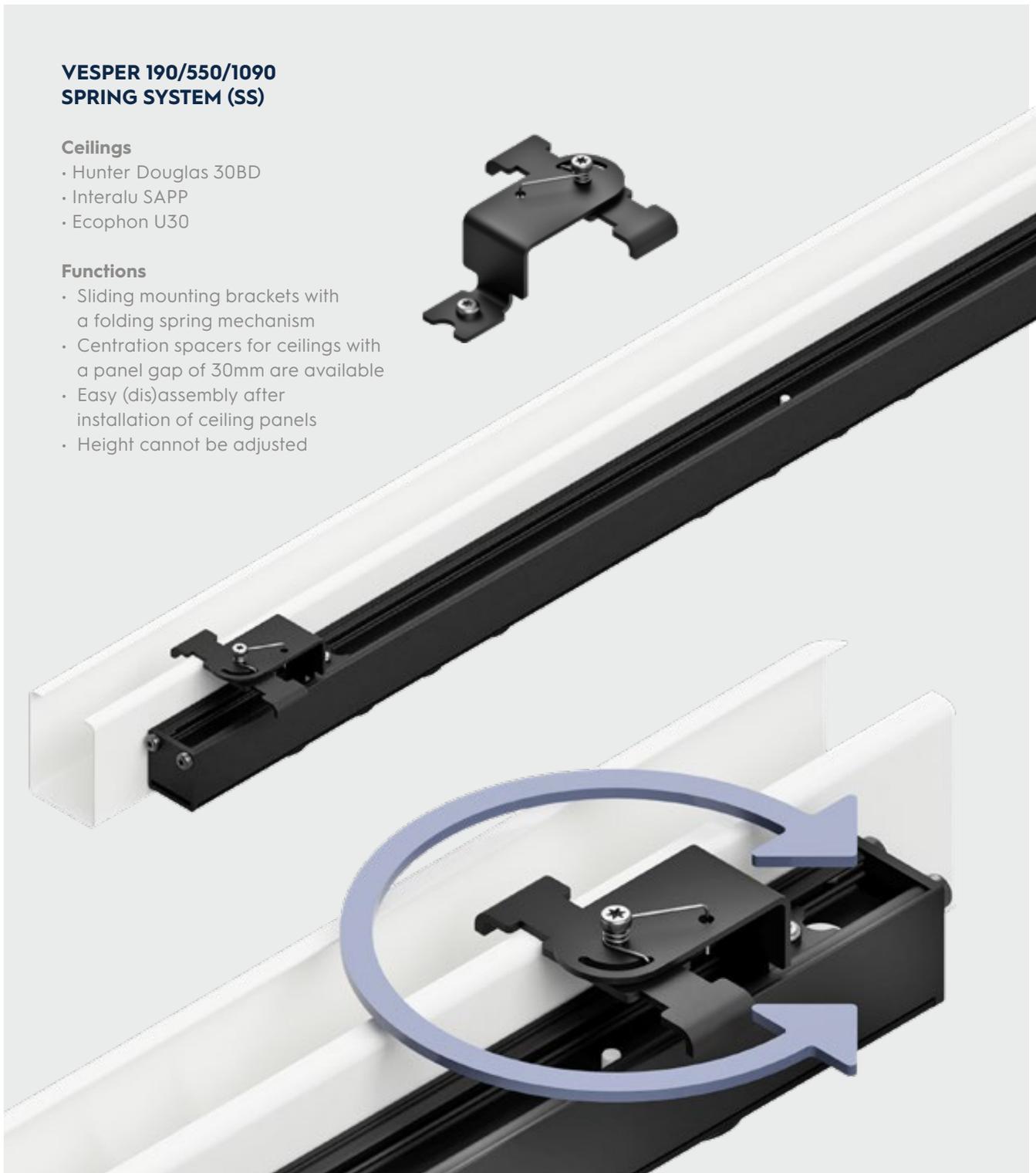
## VESPER 190/550/1090 SPRING SYSTEM (SS)

### Ceilings

- Hunter Douglas 30BD
- Interalu SAPP
- Ecophon U30

### Functions

- Sliding mounting brackets with a folding spring mechanism
- Centration spacers for ceilings with a panel gap of 30mm are available
- Easy (dis)assembly after installation of ceiling panels
- Height cannot be adjusted



VESPER 550 & 1090

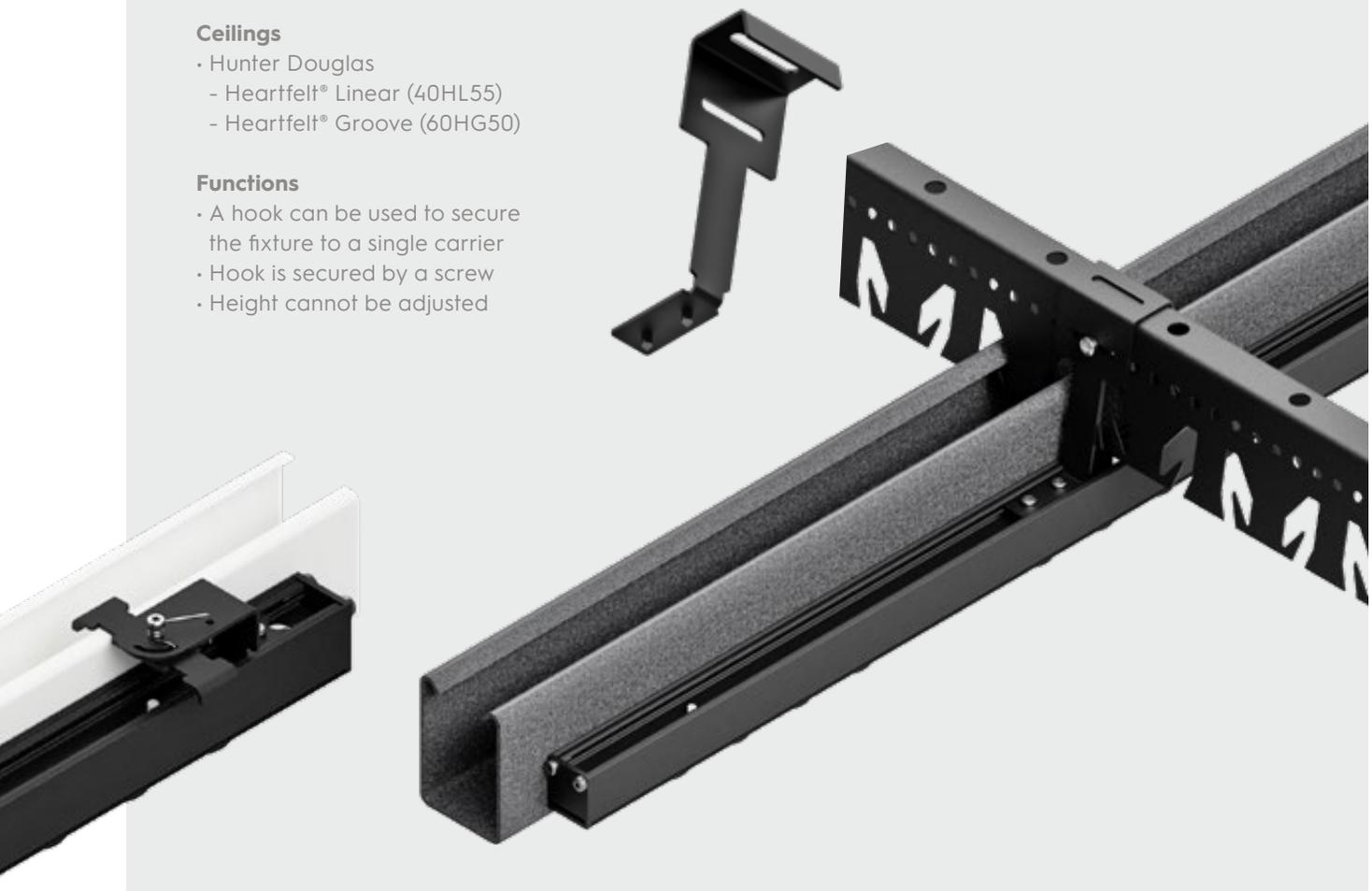
## VESPER 190/550 1 CARRIER (1C)

### Ceilings

- Hunter Douglas
  - Heartfelt® Linear (40HL55)
  - Heartfelt® Groove (60HG50)

### Functions

- A hook can be used to secure the fixture to a single carrier
- Hook is secured by a screw
- Height cannot be adjusted



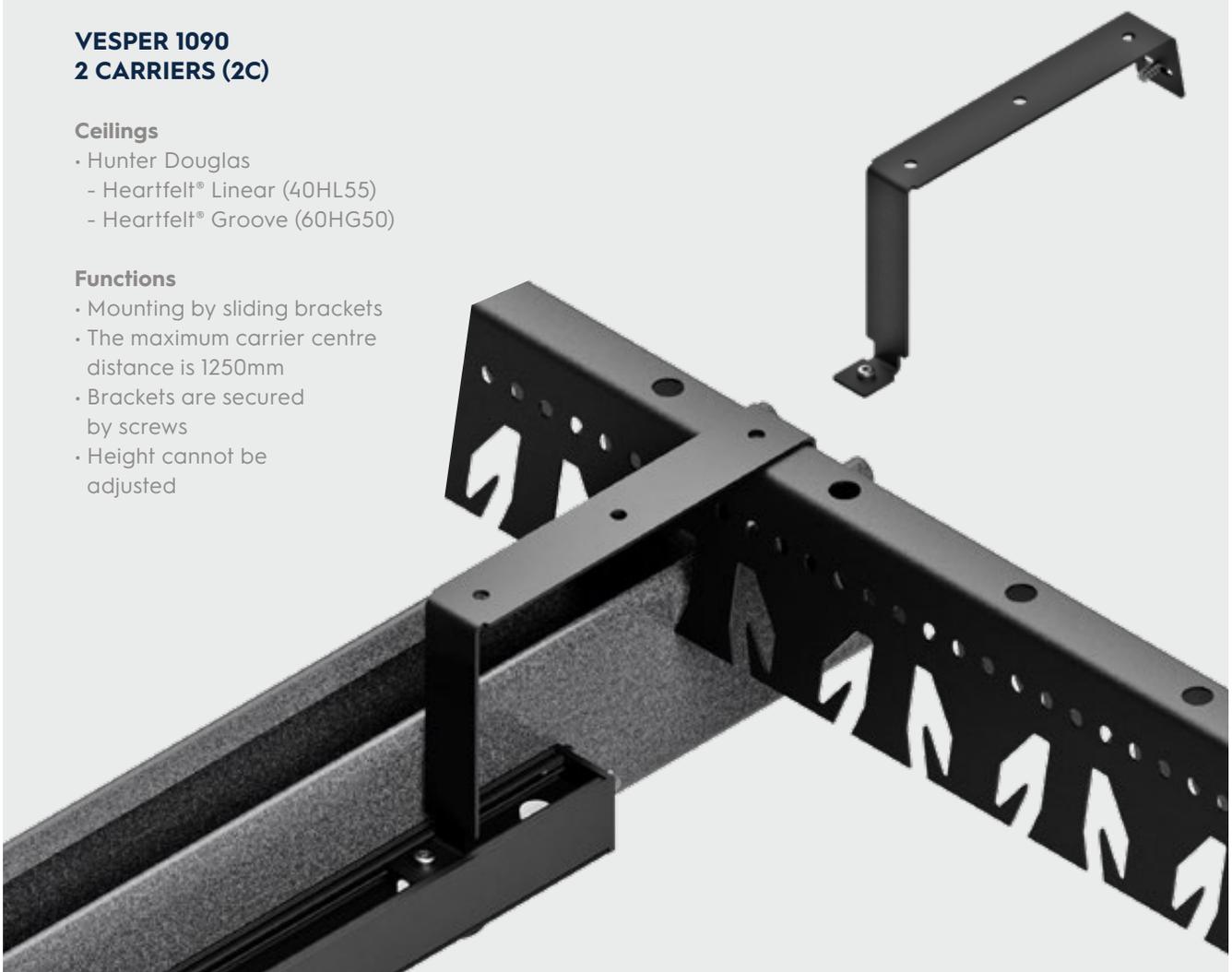
## VESPER 1090 2 CARRIERS (2C)

### Ceilings

- Hunter Douglas
  - Heartfelt® Linear (40HL55)
  - Heartfelt® Groove (60HG50)

### Functions

- Mounting by sliding brackets
- The maximum carrier centre distance is 1250mm
- Brackets are secured by screws
- Height cannot be adjusted



STRADA



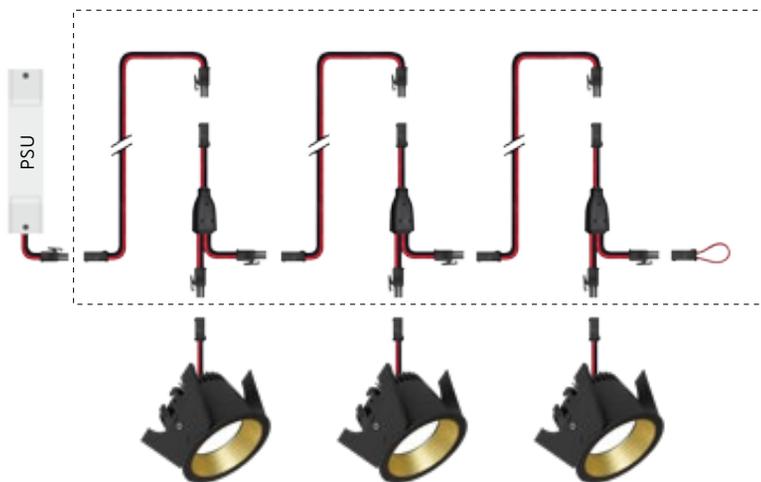
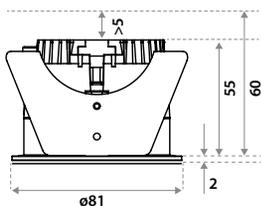
MULTIPLE DOWNLIGHTS TO 1 DRIVER





# Strada 75 L4CS (3 spots to 1 driver)

## DIMENSIONS



## CHOOSE YOUR LV LUMEN OUTPUT

	mA	3 spots		Lumen Output			Lumen / Watt			Advised PSU	
		Vf	W	2700K	3000K	4000K	2700K	3000K	4000K	No dim	Dali
Special request	350	49,5	17,3	800	850	900	139	147	156	127568	126566
<b>Standard</b>	500	50,4	25,2	1125	1200	1275	134	143	152	127568	126566
Special request	650	51,6	33,5	1400	1500	1600	125	134	143	127568	126566
<b>Standard</b>	800	52,8	42,2	1750	1850	1975	124	131	140	127568	126566

## SPECIFICATIONS

Beam angle (FWHM)	See the item specifications below
Fixture material	Housing: Die cast aluminium Reflector glass: Polycarbonate
Environment	Indoor
IP rate	IP20 / IP44
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

This luminaire contains built-in LED lamps.  
There are no exchangeable parts inside the luminaire.  
EU 874/2012



**Using CS springs:** Ø 75 mm.  
Thickness ceiling 5-60 mm  
& recess depth 60 mm.



**Using WS springs:** Ø 77 mm.  
Thickness ceiling 1-55 mm  
& recess depth 60 mm.



Only when the product is installed in a closed ceiling it may be exposed to water splashes, and only on its front side.

## ITEM SPECIFICATIONS

Description	24°		60°		80°		W per lamp	Lm/W	CRI (typ.)	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR				
Strada 75 L4CS max 1750Lm 2700K CRI93	857A03XX4KE2	24.3	857A03XX4LE2	25.2	857A03XX4ME2	29.6	14,1	124	93	III
Strada 75 L4CS max 1850Lm 3000K CRI93	857B03XX4KE2	24.5	857B03XX4LE2	25.3	857B03XX4ME2	29.8	14,1	131	93	III
Strada 75 L4CS max 1975Lm 4000K CRI93	857E03XX4KE2	24.7	857E03XX4LE2	25.6	857E03XX4ME2	30.0	14,1	140	93	III

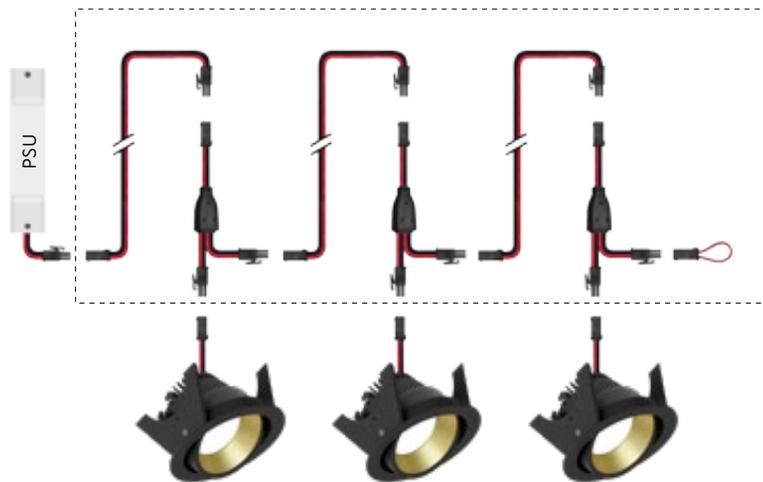
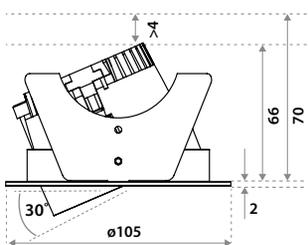
All values are measured at 230V (+/- 7%).





# Strada 90 L4CS (3 spots to 1 driver)

## DIMENSIONS



## CHOOSE YOUR LV LUMEN OUTPUT

	mA	3 spots		Lumen Output			Lumen / Watt			Advised PSU	
		Vf	W	2700K	3000K	4000K	2700K	3000K	4000K	No dim	Dali
Special request	350	49,5	17,3	800	850	900	139	147	156	127568	126566
<b>Standard</b>	500	50,4	25,2	1125	1200	1275	134	143	152	127568	126566
Special request	650	51,6	33,5	1400	1500	1600	125	134	143	127568	126566
<b>Standard</b>	800	52,8	42,2	1750	1850	1975	124	131	140	127568	126566

## SPECIFICATIONS

Beam angle (FWHM)	See the item specifications below
Fixture material	Housing: Die cast aluminium Reflector glass: Polycarbonate
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.

EU 874/2012



**Using CS springs:** Ø 90 mm.  
Thickness ceiling 5-70 mm  
& recess depth 70 mm.



**Using WS springs:** Ø 92 mm.  
Thickness ceiling 1-50 mm  
& recess depth 70 mm.

bridgelux.

IP20

MADE IN HOLLAND

7 YEAR WARRANTY

ECO

For soft ceiling tiles we recommend using a wooden plate or a ceiling ring on the reverse side of the tile.

## ITEM SPECIFICATIONS

Description	24°		60°		80°		W per lamp	Lm/W	CRI (typ.)	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR				
Strada 90 L4CS max 1750Lm 2700K CRI93	857C03XX4KE2	24.3	857C03XX4LE2	25.2	857C03XX4ME2	25.2	14,1	124	93	III
Strada 90 L4CS max 1850Lm 3000K CRI93	857D03XX4KE2	24.5	857D03XX4LE2	25.3	857D03XX4ME2	25.3	14,1	131	93	III
Strada 90 L4CS max 1975Lm 4000K CRI93	857F03XX4KE2	24.7	857F03XX4LE2	25.6	857F03XX4ME2	25.6	14,1	140	93	III

All values are measured at 230V (+/- 7%).



**L4CS** Lighting for Ceiling Solutions.



↔  
ø 108 mm

STRADA 100 L4CS

**BEAM ANGLE**



Reflector  
LV: 18° / 37° / 60°



Diffuser  
LV: 80°

**COLOURS**



Matt black  
RAL 9005



Matt white  
RAL 9016



61	63	62	65
71	74	72	76

Housing/ Deco ring	Item code	Housing/ Deco ring	Item code
White/Gold	XX=61	Black/Gold	XX=71
White/Silver	XX=63	Black/Silver	XX=74
White/Black	XX=62	Black/Black	XX=72
White/White	XX=65	Black/White	XX=76

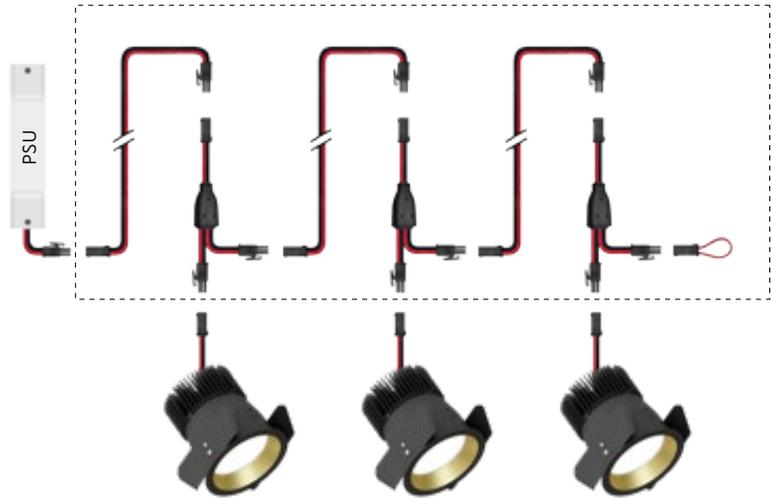
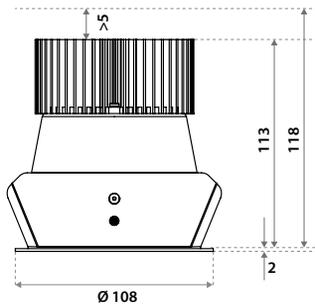
**SPRINGS**



Standard with CS springs (concrete/gyproc). Also available as above with WS springs (gyproc/metal).

# Strada 100 L4CS (3 spots to 1 driver)

## DIMENSIONS



## CHOOSE YOUR LV LUMEN OUTPUT

	mA	3 spots		Lumen Output			Lumen / Watt			Advised PSU	
		Vf	W	2700K	3000K	4000K	2700K	3000K	4000K	No dim	Dali
Special request	350	49,5	17,3	850	900	975	147	156	169	127568	126566
<b>Standard</b>	500	50,4	25,2	1175	1250	1350	140	149	161	127568	126566
Special request	650	51,6	33,5	1450	1550	1650	130	139	148	127568	126566
<b>Standard</b>	800	52,8	42,2	1750	1850	1975	124	131	140	127568	126566
Special request	1050	54,6	57,3	2250	2400	2575	118	126	135	127568	126566
Special request	1200	55,2	66,2	2500	2650	2825	113	120	128	127568	126566
<b>Standard</b>	1400	55,8	78,1	2775	2950	3150	107	113	121	127568	126566

## SPECIFICATIONS

Beam angle (FWHM)	18° / 37° / 60° / 80°
Fixture material	Die cast aluminium / Glass
Environment	Indoor
IP rate	IP20 / IP44
IK rate	IK09
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Safety class	III

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.

EU 874/2012



**Using CS springs:** Ø 100 mm. Thickness ceiling 5-118 mm & recess depth 118 mm. For plasterboard ceilings or similar harder materials thicker than 9 mm.



**Using WS springs:** Ø 100 mm. Thickness 1-55 mm & recess depth 118 mm. For soft ceiling tiles. We recommend using a ceiling ring on the reverse side of the tile.

**IP20**  
**IP44**

Only when the product is installed in a closed ceiling it may be exposed to water splashes, and only on its front side.



bridgelux.

## ITEM SPECIFICATIONS

Description	18°		37°		60°		80°		W per lamp	Lm/W	CRI (typ.)
	Item code	UGR									
Strada 100 L4CS max 2775Lm 2700K	854B03XX8TE2	18.5	854B03XX8UE2	18.0	854B03XX8VE2	21.0	854B03XXN6E2	29.1	25,3	107	93
Strada 100 L4CS max 2950Lm 3000K	854B03XXCAE2	18.7	854B03XXCBE2	18.2	854B03XXCCE2	21.2	854B03XXN7E2	29.4	25,3	113	93
Strada 100 L4CS max 3150Lm 4000K	854B03XXCDE2	18.9	854B03XXCEE2	18.4	854B03XXCFE2	21.4	854B03XXN8E2	29.6	25,3	121	93

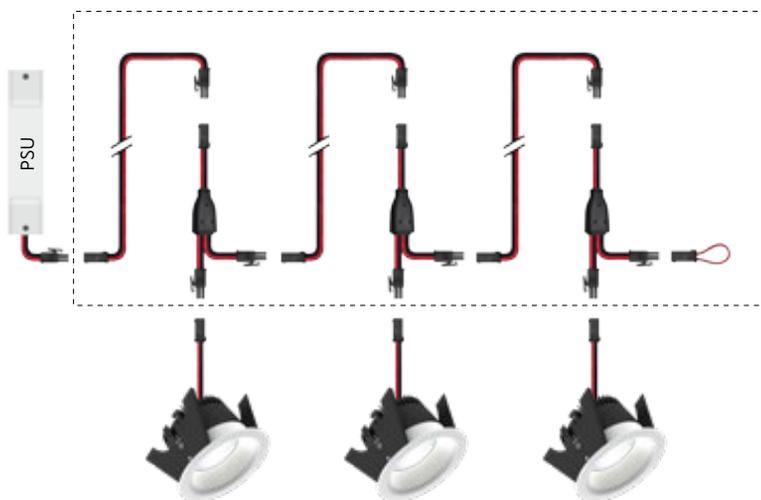
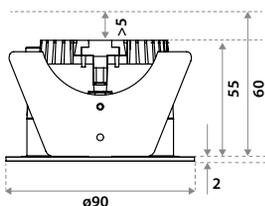
All values are measured at 230V (+/- 7%).





# Linea 75 L4CS (3 spots to 1 driver)

## DIMENSIONS



## CHOOSE YOUR LV LUMEN OUTPUT

	mA	3 spots		Lumen Output			Lumen / Watt			Advised PSU	
		Vf	W	2700K	3000K	4000K	2700K	3000K	4000K	No dim	Dali
Special request	350	49,5	17,3	800	850	900	139	147	156	127568	126566
<b>Standard</b>	500	50,4	25,2	1125	1200	1275	134	143	152	127568	126566
Special request	650	51,6	33,5	1400	1500	1600	125	134	143	127568	126566
<b>Standard</b>	800	52,8	42,2	1750	1850	1975	124	131	140	127568	126566

## SPECIFICATIONS

Beam angle (FWHM)	See the item specifications below
Fixture material	Housing: Die cast aluminium Reflector glass: Polycarbonate
Environment	Indoor
IP rate	IP20 / IP65
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

This luminaire contains built-in LED lamps.  
There are no exchangeable parts inside the luminaire.  
EU 874/2012



**Using CS springs:** Ø 75 mm.  
Thickness ceiling 5-60 mm  
& recess depth 60 mm.



**Using WS springs:** Ø 77 mm.  
Thickness ceiling 1-55 mm  
& recess depth 60 mm.

bridgelux.



Only when the product is installed in a closed ceiling may it be exposed to water splashes, and only on its front side.

## ITEM SPECIFICATIONS

Description	24°		60°		80°		W per lamp	Lm/W	CRI (typ.)	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR				
Linea 75 L4CS max 1750Lm 2700K CRI93	917A03XX4KE2	24.3	917A03XX4LE2	25.2	917A03XX4ME2	29.6	14,1	124	93	III
Linea 75 L4CS max 1850Lm 3000K CRI93	917B03XX4KE2	24.5	917B03XX4LE2	25.3	917B03XX4ME2	29.8	14,1	131	93	III
Linea 75 L4CS max 1975Lm 4000K CRI93	917E03XX4KE2	24.7	917E03XX4LE2	25.6	917E03XX4ME2	30.0	14,1	140	93	III

All values are measured at 230V (+/- 7%).



**L4CS** Lighting for Ceiling Solutions.

LINEA 120 L4CS



← →  
ø 180 mm

**BEAM ANGLE**



Reflector  
LV: 24° / 60°



Diffuser  
LV: 80°

**COLOURS**



Matt white  
RAL 9016 (XX=MW)



Matt black  
RAL 9005 (XX=BL)

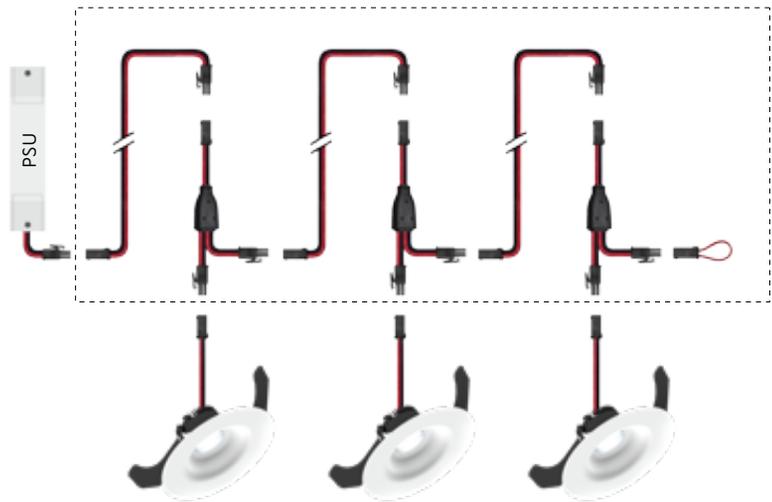
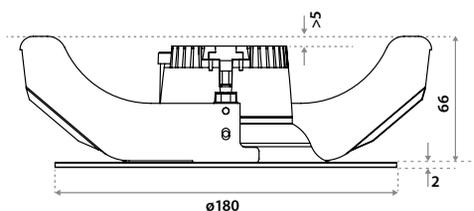
**SPRINGS**



Standard with GS springs (concrete/gyproc).  
Also available as above with  
WS springs (gyproc/metal).

# Linea 120 L4CS (3 spots to 1 driver)

## DIMENSIONS



## CHOOSE YOUR LV LUMEN OUTPUT

	mA	3 spots		Lumen Output			Lumen / Watt			Advised PSU	
		Vf	W	2700K	3000K	4000K	2700K	3000K	4000K	No dim	Dali
Special request	350	49,5	17,3	800	850	900	139	147	156	127568	126566
<b>Standard</b>	500	50,4	25,2	1125	1200	1275	134	143	152	127568	126566
Special request	650	51,6	33,5	1400	1500	1600	125	134	143	127568	126566
<b>Standard</b>	800	52,8	42,2	1750	1850	1975	124	131	140	127568	126566
<b>Standard</b>	1050	54,6	57,3	2250	2400	2575	118	126	135	127568	126566

## SPECIFICATIONS

Beam angle (FWHM)	See the item specifications below
Fixture material	Housing: Die cast aluminium Reflector glass: Polycarbonate
Environment	Indoor
IP rate	IP20 / IP65
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

This luminaire contains built-in LED lamps.  
There are no exchangeable parts inside the luminaire.  
EU 874/2012



**Using GS springs:** Ø 120-165 mm.  
Thickness ceiling 8-70 mm & recess depth 70 mm. For plasterboard ceilings or similar harder materials. Turn the ring on the front counterclockwise after installation.



**Using WS springs:** Ø 120-145 mm.  
Thickness ceiling 1-35 mm & recess depth 70 mm. For soft ceiling tiles. We recommend using a wooden plate or a ceiling ring on the reverse side of the tile.



Only when the product is installed in a closed ceiling may it be exposed to water splashes, and only on its front side.



## ITEM SPECIFICATIONS

Description	24°		60°		80°		W per lamp	Lm/W	CRI (typ.)	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR				
Linea 120 L4CS max 2250Lm 2700K CRI93	897A03XX2UE2	19.9	897A03XX2VE2	20.8	897A03XX2WE2	25.3	19,1	118	93	III
Linea 120 L4CS max 2400Lm 3000K CRI93	897B03XX2UE2	20.2	897B03XX2VE2	21.0	897B03XX2WE2	25.5	19,1	126	93	III
Linea 120 L4CS max 2575Lm 4000K CRI93	897E03XX2UE2	20.4	897E03XX2VE2	21.3	897E03XX2WE2	25.7	19,1	135	93	III

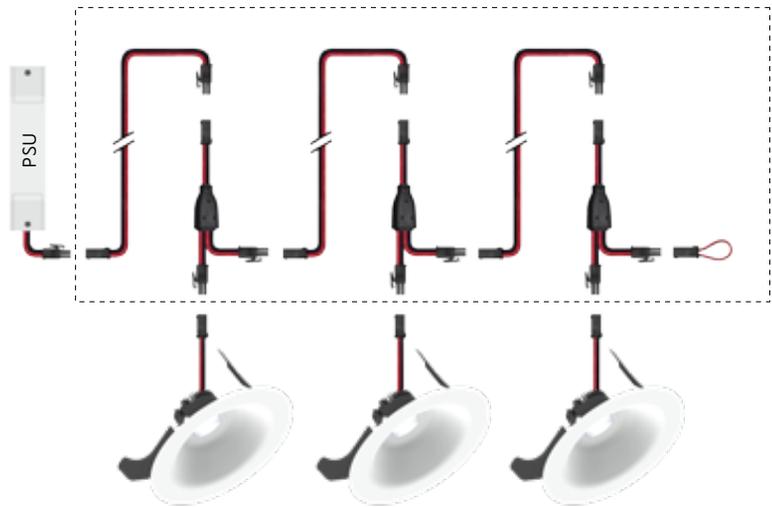
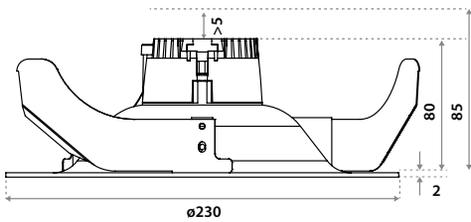
All values are measured at 230V (+/- 7%).





# Linea 185 L4CS (3 spots to 1 driver)

## DIMENSIONS



## CHOOSE YOUR LV LUMEN OUTPUT

	mA	3 spots		Lumen Output			Lumen / Watt			Advised PSU	
		Vf	W	2700K	3000K	4000K	2700K	3000K	4000K	No dim	Dali
Special request	350	49,5	17,3	800	850	900	139	147	156	127568	126566
<b>Standard</b>	500	50,4	25,2	1125	1200	1275	134	143	152	127568	126566
Special request	650	51,6	33,5	1400	1500	1600	125	134	143	127568	126566
<b>Standard</b>	800	52,8	42,2	1750	1850	1975	124	131	140	127568	126566
<b>Standard</b>	1050	54,6	57,3	2250	2400	2575	118	126	135	127568	126566

## SPECIFICATIONS

Beam angle (FWHM)	See the item specifications below
Fixture material	Housing: Die cast aluminium Reflector glass: Polycarbonate
Environment	Indoor
IP rate	IP20 / IP65
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

This luminaire contains built-in LED lamps.  
There are no exchangeable parts inside the luminaire.  
EU 874/2012



**Using GS springs:** Ø 170-175 mm.  
Thickness ceiling 8-85 mm & recess depth 85 mm. For plasterboard ceilings or similar harder materials. Turn the ring on the front counterclockwise after installation.



**Using WS springs:** Ø 180-210 mm.  
Thickness ceiling 1-35 & recess depth 85 mm. For soft ceiling tiles. We recommend taking down the ceiling tile before installing the product.



Only when the product is installed in a closed ceiling may it be exposed to water splashes, and only on its front side.

## ITEM SPECIFICATIONS

Description	24°		60°		80°		W per lamp	Lm/W	CRI (typ.)	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR				
Linea 185 L4CS max 2250Lm 2700K CRI93	877A03XX2UE2	19.9	897A03XX2VE2	20.8	877A03XX2WE2	25.3	19,1	118	93	III
Linea 185 L4CS max 2400Lm 3000K CRI93	877B03XX2UE2	20.2	897B03XX2VE2	21.0	877B03XX2WE2	25.5	19,1	126	93	III
Linea 185 L4CS max 2575Lm 4000K CRI93	877E03XX2UE2	20.4	897E03XX2VE2	21.3	877E03XX2WE2	25.7	19,1	135	93	III

All values are measured at 230V (+/- 7%).



L4CS



LINEA



ILLUXTRON

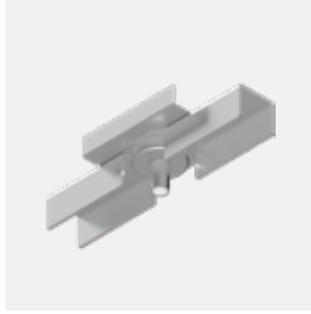


# Installation 4 spots to 1 driver

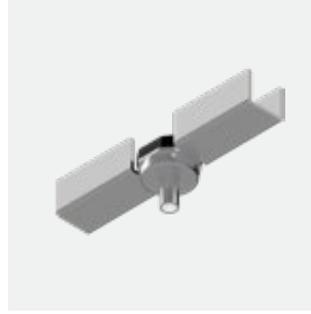
## Step 1: Choose your luminaire



Felta  
148



Groovy  
Coming soon

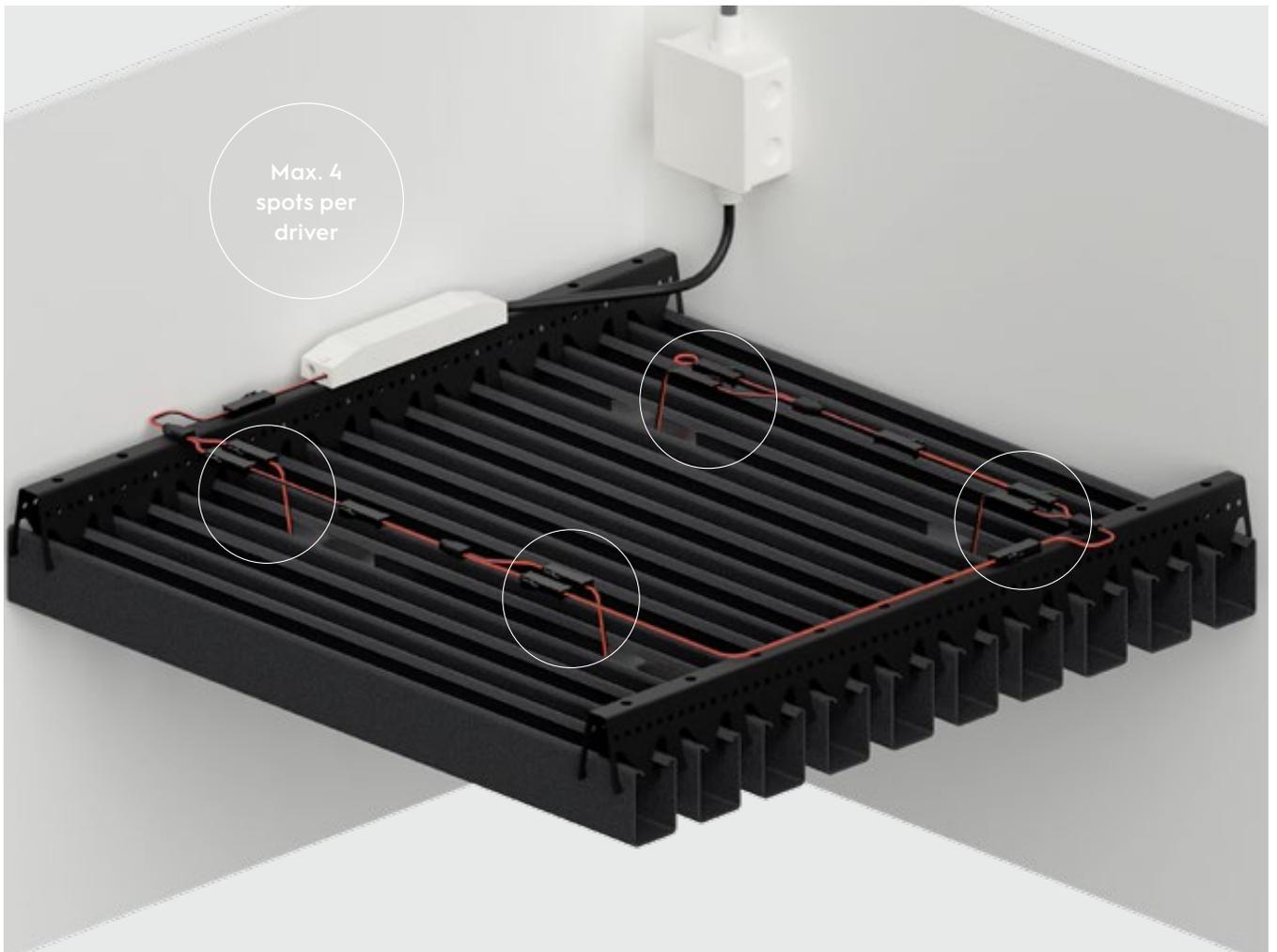


Ligna  
Coming soon



Ferro  
150

4 SPOTS TO 1 DRIVER



## Step 2: Choose your power supply



PSU 36W No dim  
KGP CC36W150-900 NFC



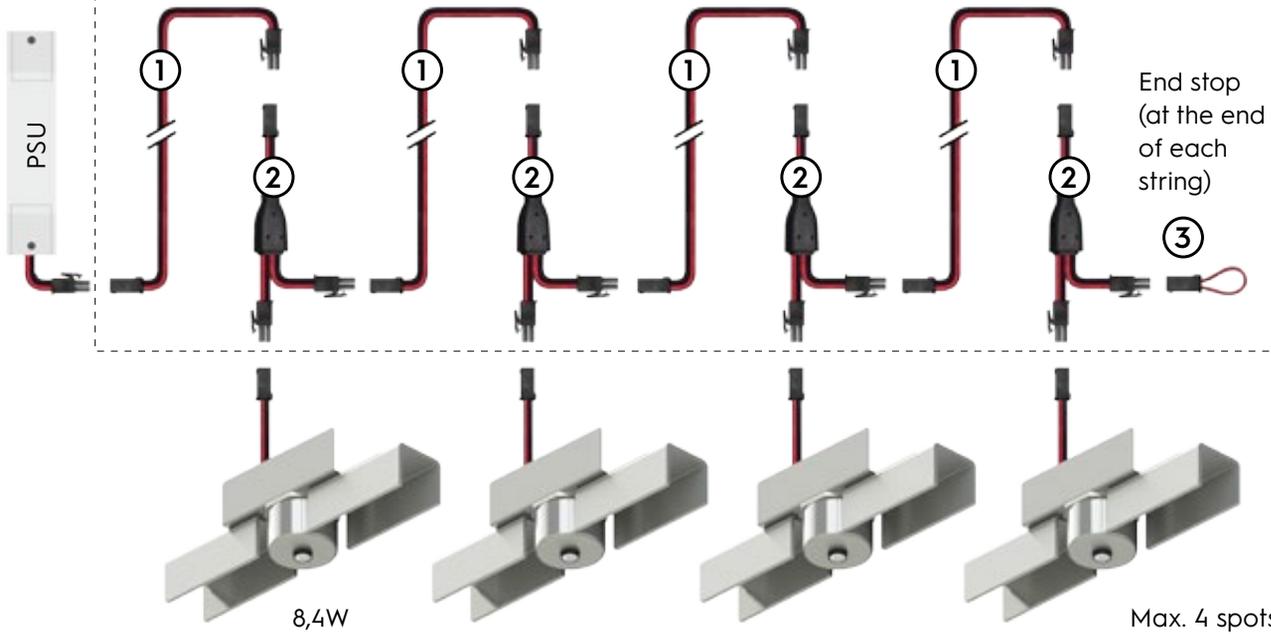
PSU 36W Dali\*  
KGP CC36W150-900 NFC



PSU 38W Casambi  
TCI 142047 NFC

**Incl. L4CS cable set** (For max. 4 spots per driver)

- ① 4x L4CS Extension cable 2m
- ② 4x L4CS Y-cable
- ③ End stop



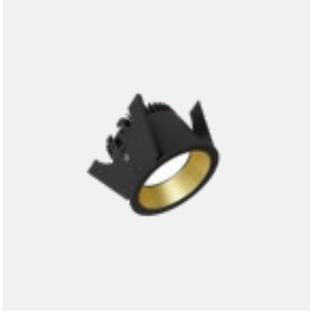
### ITEM SPECIFICATIONS

Driver types Incl. L4CS cable set 4L	Supplier name	Item code	Input	Watt	Max mA	Max Vf	Pf	Eff	Inrush current	B-16A Fuse
PSU 36W 700mA No-dim KGP	CC36W150-900	05PH03MLMA04	220-240V AC/DC	36W	150-900	50	>0.95	88%	8,5A 16µS	59 pcs
PSU 36W 700mA Dali KGP *	CC36W150-900	05PJ03MLMA04	220-240V AC/DC	36W	150-900	50	>0.95	88%	8,5A 16µS	59 pcs
PSU 38W 700mA Casambi TCI	142047	05ZF03MLMA04	220-240V AC/DC	38W	150-1050	54	0.95	89%	5A 50µS	50 pcs

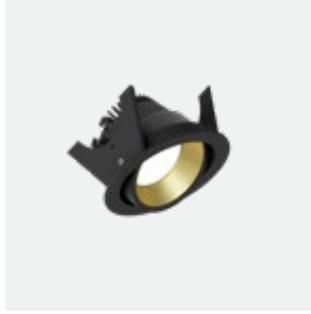
All values are measured at 230V (+/- 7%). \* Dali is not suitable for the HV Distributor system.

# Installation 3 spots to 1 driver

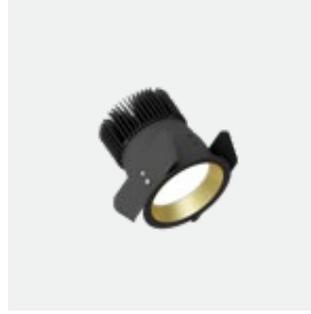
## Step 1: Choose your luminaire



Strada 75  
40



Strada 90  
42



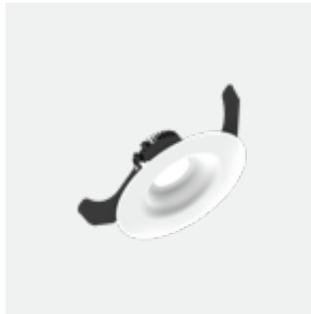
Strada 100  
44



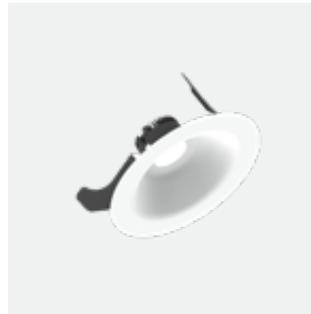
Vesper 550  
34



Linea 75  
50



Linea 120  
52



Linea 185  
54



Vesper 1090  
34

3 SPOTS TO 1 DRIVER

## Step 2: Choose your power supply



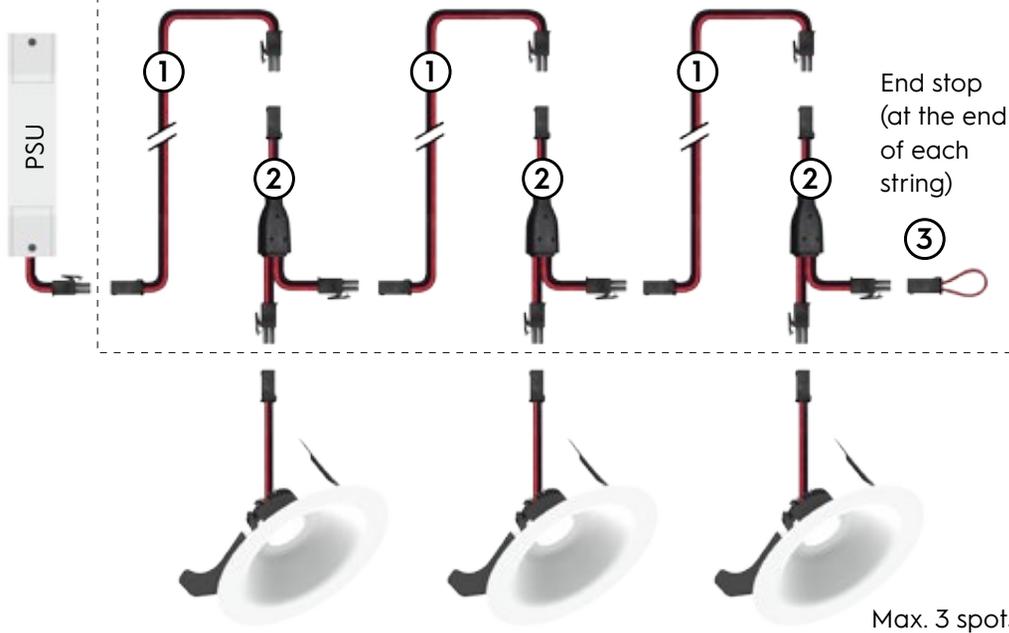
PSU 78W No dim  
TCI 127568



PSU 78W Dali  
TCI 126566

**Incl. L4CS cable set 2L/3L** (For max. 3 spots per driver)

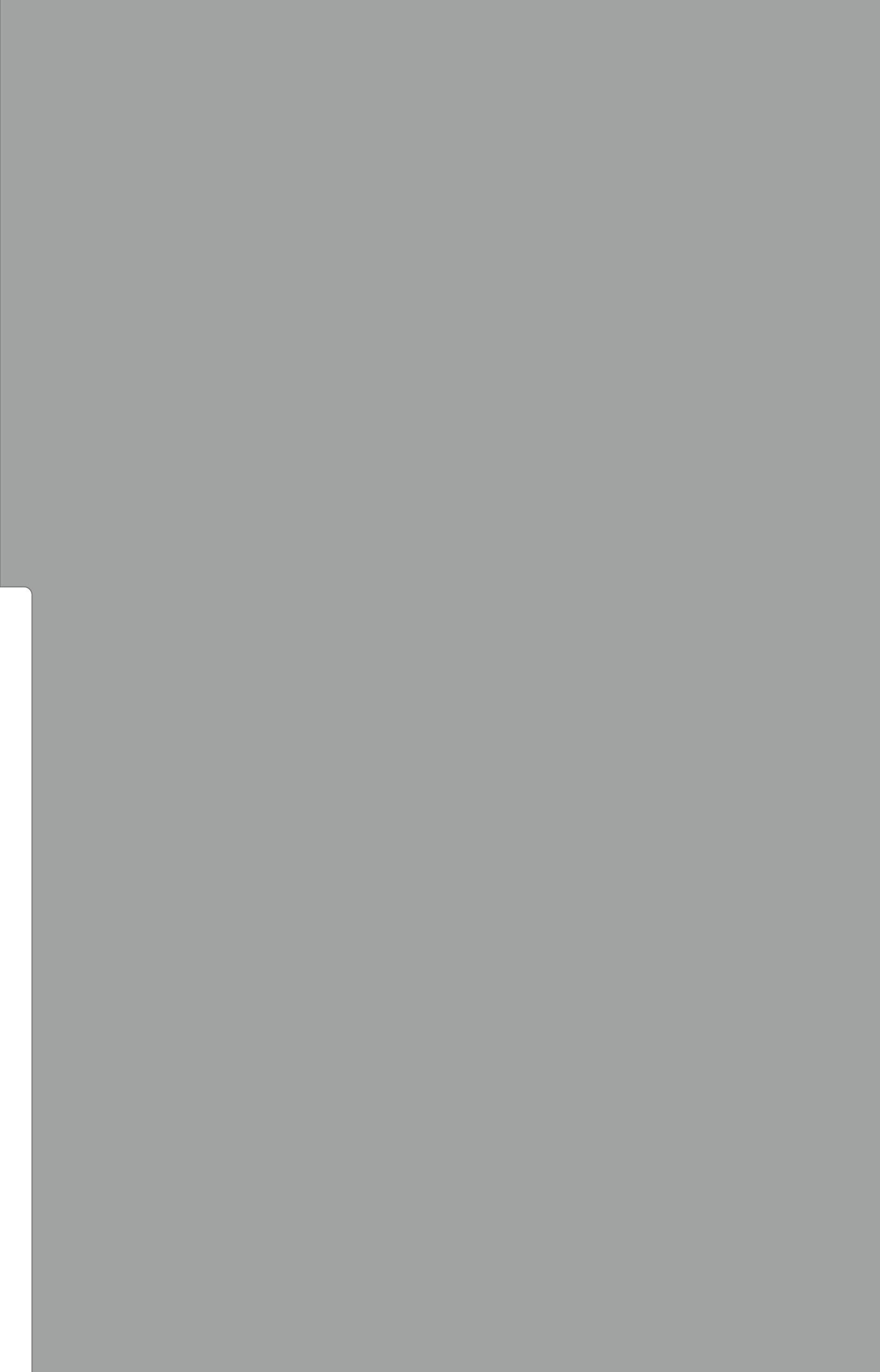
- ① 2/3x L4CS Extension cable 2m
- ② 2/3x L4CS Y-cable
- ③ End stop



### ITEM SPECIFICATIONS

Driver types	Supplier name	Item code	Input	W	Max mA	Max Vf	Pf	Eff	Inrush current	B-16A Fuse
PSU 78W 500mA No dim TCI + L4CS cable set 3L	127568	05TI03MLMA03	220-240V AC/DC	78W	350-1400	56	0.95	>91%	10A200µs	30 pcs
PSU 78W 500mA Dali TCI + L4CS cable set 3L	126566	05S803MLMA03	220-240V AC/DC	78W	350-1400	56	0.95	>91%	10A200µs	30 pcs
PSU 78W 800mA No dim TCI + L4CS cable set 3L	127568	05L703MLMA03	220-240V AC/DC	78W	350-1400	56	0.95	>91%	10A200µs	30 pcs
PSU 78W 800mA Dali TCI + L4CS cable set 3L	126566	05L903MLMA03	220-240V AC/DC	78W	350-1400	56	0.95	>91%	10A200µs	30 pcs
PSU 78W 1050mA No dim TCI + L4CS cable set 3L	127568	05M203MLMA03	220-240V AC/DC	78W	350-1400	56	0.95	>91%	10A200µs	30 pcs
PSU 78W 1050mA Dali TCI + L4CS cable set 3L	126566	05M303MLMA03	220-240V AC/DC	78W	350-1400	56	0.95	>91%	10A200µs	30 pcs
PSU 78W 1400mA No dim TCI + L4CS cable set 3L	127568	05L603MLMA03	220-240V AC/DC	78W	350-1400	56	0.95	>91%	10A200µs	30 pcs
PSU 78W 1400mA Dali TCI + L4CS cable set 3L	126566	05L803MLMA03	220-240V AC/DC	78W	350-1400	56	0.95	>91%	10A200µs	30 pcs

All values are measured at 230V (+/- 7%).

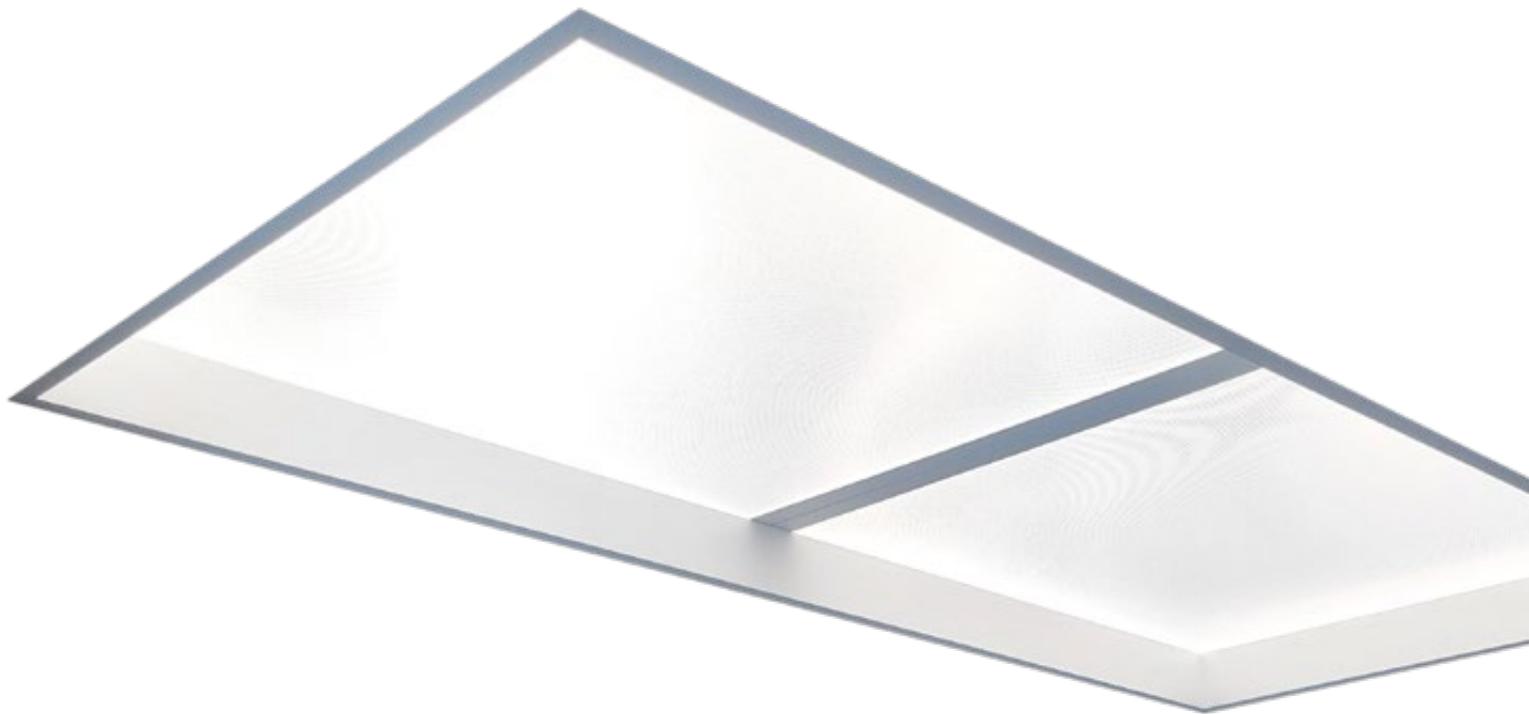


**Lighting for better health**

**& performance**



**ILLUXTRON**



BRAINLIT

# Focused on the health aspects of light



## INTEGRATIVE LIGHTING

Light isn't just about the amount of lux you need to perform certain tasks. There is also a non-visual component of light that significantly influences your sleep and wake cycle, among other things. This is expressed in m-EDI.

The new standard states that we can only speak of a health impact if at least 250m-EDI is reached during certain parts of the day. Only then can we speak of integrative lighting.

Together with specialists who focus on top-level sports, Illuxtron is launching integrative lighting with m-EDI values of 1300 and higher. Many years of in-depth research into the circadian rhythm are translated into the best possible lighting plan.

Integrative lighting combines the visual and non-visual effects, and producing physiological benefits for humans.. If it meets all of these criteria we call it Biocentric Lighting (BCL® is a registered trademark of Brainlit).

Integrative lighting		
Traditional lighting	HCL	BCL®
3000/4000K (LV)	2700-6500K (TW) 1800-16000K (PI-LED) m-EDI= Not defined	2700-6500K (BCL® 2-CH) 1800-6500K (BCL® 3-CH)) m-EDI= >250



### WHY INTEGRATIVE LIGHTING?

Numerous studies over the past 20 years have agreed on the benefits of light for health:

- Better sleep
- Better performance
- Greater focus
- Improved immune system
- Reduced risk of burnout
- Minimise health risk: Obesity, Cancer, Dementia, etc.

### ADVANTAGES IN SPORTS

- Better overall health which leads to better performances
- Dedicated team support for games and tournaments (avoid jet lag and shift best performance time)
- Feedback loop for continuous improvement

### ADVANTAGES IN ELDERLY CARE

- Increased sleep length and efficiency
- Fewer naps during the day
- Less night-time bed wandering
- Symptom reduction of depressive disorder
- Fewer fall accidents in long-term care environments
- Better cognitive function

### ADVANTAGES IN OFFICES

- Productivity increase.
- Improved cognitive functions
- Accuracy improvement
- Better sleep.
- Feeling happier and more energised
- Reduced sick leave.

### EXTRA ADVANTAGES IN HOSPITALS AND HEALTH CARE ENVIRONMENTS

- Reduction of "Length of stay" (LOS) within health care
- Improved health and wellbeing for shift workers
- A special recipe is used for ICU (patient/ doctor/ nurse)

### INSTALLATION OF A BCL SYSTEM

All system components have a Wago plug and once connected, the components find each other automatically (even in case of a replacement of one of the components). An HCL system typically requires an electrician and a DT8 integrator to verify proper operation. The same procedure should be followed if any of the components need to be replaced.





### SYSTEM HARDWARE

- A plug and play system built around standard protocols – DALI, IP/Ethernet, WiFi and Bluetooth
- Available interfaces to BMS, alarm systems and other controllers
- Wago plugs and battery-free switches & sensors ensure easy installation

### PROJECT HANDLING

- First light plan will be made by Brainlit
- Training of the lighting advisor so that he is able to do the next project himself
- Illuxtron delivers the certified luminaires incl. programmed drivers
- Brainlit delivers the controls and lightbox (containing the recipe and lighting plan)

### INVESTMENT AND PAYBACK TIME

According to a study by McKinsey, the investment in Biocentric lighting for offices is approximately 500-700€ per employee. The return is between 1.375-2.750€ per employee each year.

A healthy building only related to productivity, retention and improved well-being yields a net present value (NPV) of \$21,172 per employee.



Scan this QR for the IWBI Special Report

BCL/HCL



**An internal study after implementing BCL showed:**

- A payback time of 6 months
- Lower energy usage up to 25%

The goal of Brainlit is to have the same investment for a BCL installation as a normal Dali installation.

**RELEVANT NORMS**

- ISO 8995-1 (Global norm released 31st 2025)
- LEED (North American norm for sustainable buildings)
- Well Building Standard (North American Standard to improve human health and well-being)
- BREEAM circadian demands (European norm with different levels for future-proof buildings)
- DIN/TS 67600 (Germany)

The most important norm for HCL is the Well Building Standard, which requires a mEDI value of 250. BCL exceeds all norms to deliver the greatest healthy impact by using a 2nd warmer group of lighting. This allows reaching higher circadian values (up to 1300 mEDI) while maintaining a comfortable lighting environment. The norms for HCL are behind the technological possibilities; it is expected that the norms will become stricter in the future.



BCL Wireless Motion Sensor



BCL Wireless Light and Recipe Switch

**ABOUT BRAINLIT**

- Founded in 2012 by Tord Wingren, co-inventor of Bluetooth, and since 2022, led by CEO Kyle Harris, with the goal to be the global market leader for healthy light
- Large group of famous investors
- Representatives for the norm committees and in-house circadian specialists
- Holds 16 patent families in circadian lighting, personalised modulation, and UV-based health tech
- Certifying third-party hardware for plug-and-play use with BrainLit's light recipes
- 14 years of experience in improving technology
- 10 years of experience in realising projects around the globe (2021: 25.000 users of BCL technology)
- Supporting practically all the professional sports teams in the USA (Football, Baseball, NHL, etc.)
- Main office in Sweden with a subsidiary in North America



BCL Light Control Box

**ABBREVIATIONS**

- **HCL:** Human Centric Lighting (Visual system, usually no focus on the health claims)
- **BCL:** Biocentric Lighting (Circadian based lighting plan to guarantee the healthy claims)
- **Lux:** Visual illuminance measured in lux on the work area (defined by a lighting plan)
- **mEDI:** Circadian impact power (equivalent of lux is Melanopic Equivalent Daylight Illuminance) measuring light absorption in the ipRGCs
- **CS:** "Circadian Stimulus" Circadian impact measuring blood stream melatonin response
- **mDER:** Ratio between circadian light and visual light
- **CIE S026:** CIE system for metrology of optical radiation for ipRGC mediated responses to light

**GENERAL BCL BENEFITS**

- BrainLit stands behind the circadian impact and health benefits of Biocentric Lighting
- Cost savings and exceeding all norms of HCL systems
- The Light Control Box contains the dedicated recipe and does not need special commissioning
- All components have Wago plugs for easy installation

# Luminaires

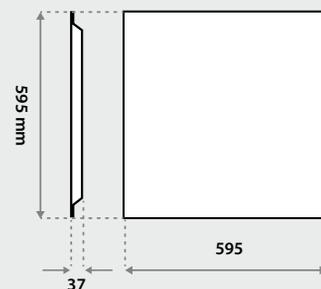
## LED Panel B 595x595 BCL



+



0,3 m cable + Wago 5P



### ITEM SPECIFICATIONS

Description	Item code	Input	W	Lm	Lm/W	CRI (typ.)	UGR	Pf	Ripple	mDER ratings
LED Panel B 595x595 BCL 5500Lm 2700-6500K <sup>1</sup>	301L03MW1C02	120-250V	41,5	5500	133	93	18.2	0.95	<3%	40-95%

BCL/HCL

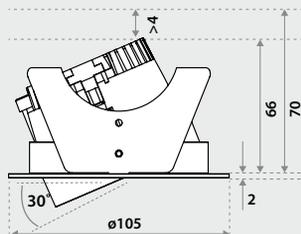
## Strada 90 BCL



+



0,3 M CABLE + WAGO 5P



Using CS springs: Ø 90 mm. Thickness ceiling 5-70 mm & recess depth 70 mm.

### ITEM SPECIFICATIONS Also available in other colours and with WS (wire) springs.

Description	Item code	Input	W	Lm	Lm/W	CRI (typ.)	UGR	Pf	Ripple	mDER ratings
Strada 90 BCL 2700-6500K 1250Lm 60° <sup>1</sup>	856H03XX4W02	120-250V	10,6	1250	118	93	24.0	0.90	<5%	40-95%
Strada 90 BCL 2700-6500K 1250Lm 80° <sup>1</sup>	856H03XX4Y02	120-250V	10,6	1250	118	93	28.4	0.90	<5%	40-95%

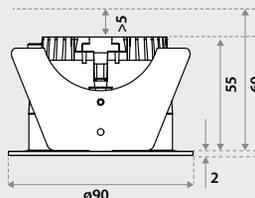
## Linea 75 BCL



+



0,3 M CABLE + WAGO 5P



Using CS springs: Ø 75 mm. Thickness ceiling 5-60 mm & recess depth 60 mm.

### ITEM SPECIFICATIONS Also available in other colours and with WS (wire) springs.

Description	Item code	Input	W	Lm	Lm/W	CRI (typ.)	UGR	Pf	Ripple	mDER ratings
Linea 75 BCL 2700-6500K 1200Lm 60° <sup>1</sup>	916G03XX4W02	120-250V	10,6	1250	118	93	24.0	0.90	<5%	40-95%
Linea 75 BCL 2700-6500K 1200Lm 80° <sup>1</sup>	916G03XX4Y02	120-250V	10,6	1250	118	93	28.4	0.90	<5%	40-95%

All values are measured at 230V (+/- 7%). \* Based on 17.000hrs of LM80 testing at Tc55°C.

<sup>1</sup> This is the maximum light output, but depending on fluctuations in the lighting plan, the actual output will be lower.

# Accessories



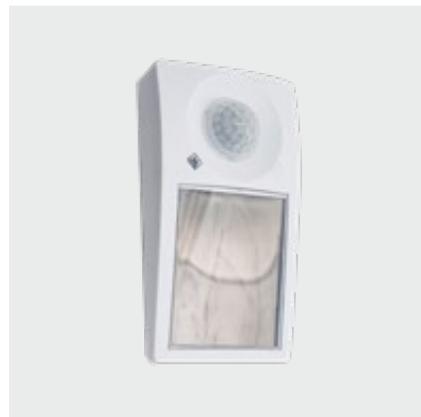
**BCL Wireless Light/Recipe Switch**

Colour	Glossy white
Type	Kinetic (battery less)
Supplier code	300032 Office
	300036 Elderly Care
	300072 Education
	300046 Sport



**BCL Light Control Box**

Colour	Black
Type	Dali DT8 (auto-commissioning)
Supplier code	200100 Office
	200101 Elderly Care
	200103 Education
	200104 Sport



**BCL Wireless Motion Sensor**

Colour	White
Type	Powered by solar cell
Supplier code	300024



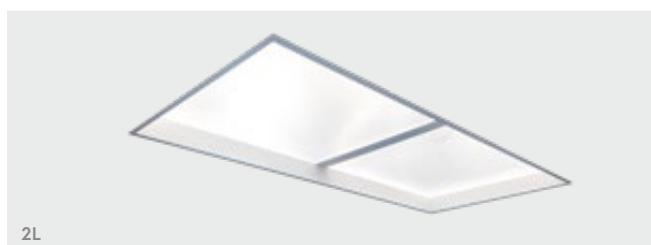
**Wago T-splitter 5P**

Colour	Black
Description	WAGO 770-621
Item code	Not supplied



**WAGO 5P extension cable**

Colour	Black
Description	WAGO 771-9985/006-301
Type	16A 1,5 mm <sup>2</sup> H05VV-F 70°C
Item code	Not supplied



**2L Recessed frame for T-bar ceiling system 600x600**

Colour	White
Description	2L Recessed frame 600x600
Type of material	Aluminium

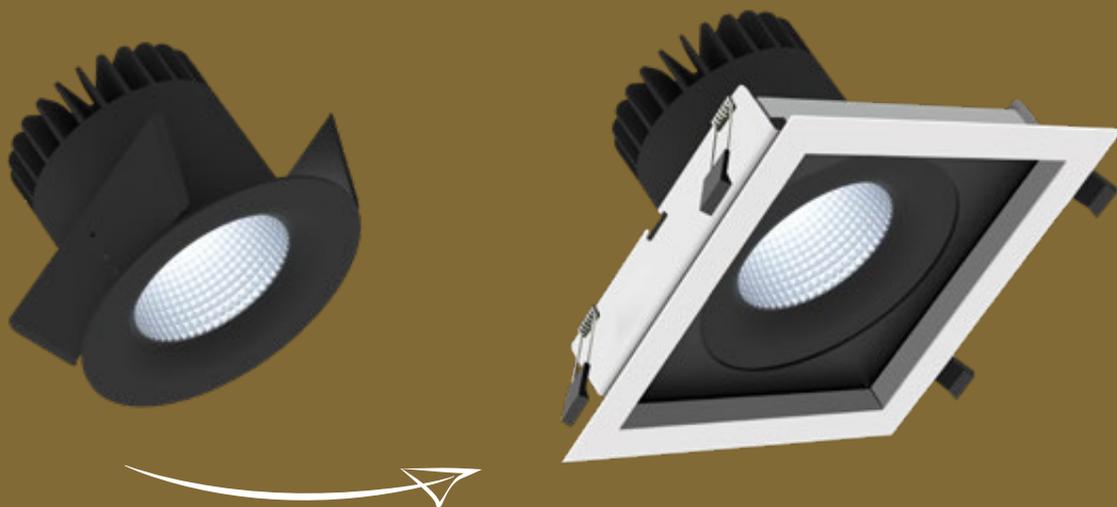


**Custom-made**

**Lighting**



**ILLUXTRON**



# Custom-made lighting



CUSTOM-MADE

## UNIQUE IN EVERY WAY

Could our product range match your requirements better? We will always gladly suggest a suitable product for your needs. We can make simple adjustments to existing features such as colour or size. However, we are open to more complex challenges too. We design fixtures specifically tailored to your requirements. The luminaires from our collection are custom-made and assembled in our social and in-house workshops. We do this in the Netherlands. This enables us to choose from an extensive stock of lighting components.

## LET'S BE CREATIVE

Any of our existing parts can be used when creating a brand new design. Should special parts be required, we can quickly and easily have them made by our large network of suppliers. As a result of this approach, we can offer a complete package. There is a wide selection of products, from assorted to custom-made, at competitive prices.



## Why MIYO?

At Illuxtron we are creating standard products that are competitive and innovative for a wide audience. We create our own parts and technologies for our luminaires. But sometimes you need something more, something different... Something special. That's where MIYO comes in. **Scan this QR code for more information about MIYO!**





### WHY WE ARE GOOD AT IT

At Illuxtron, we assemble our luminaires locally. The biggest advantage is that we can customise the product without having to disassemble it first. And we have local partners to quickly solve specific customer problems.

- We can do powder coating nearby
- There is a CNC metalworking company in the same building
- Our sheet metal partner is 1 hour away from us
- The social workshop is a 10-minute walk away

**This gives us flexibility and speed!**



**Minimum order of 50 units**



**Go or no go within 48 hours**



**Average delivery time is 6 weeks**

**Just give us a call  
+31 (0)85 773 63 60**

**MIYO**  
Custom made

**TWIN**

Customer specific  
product design.



**ADJUSTABLE**

Customer specific colour.

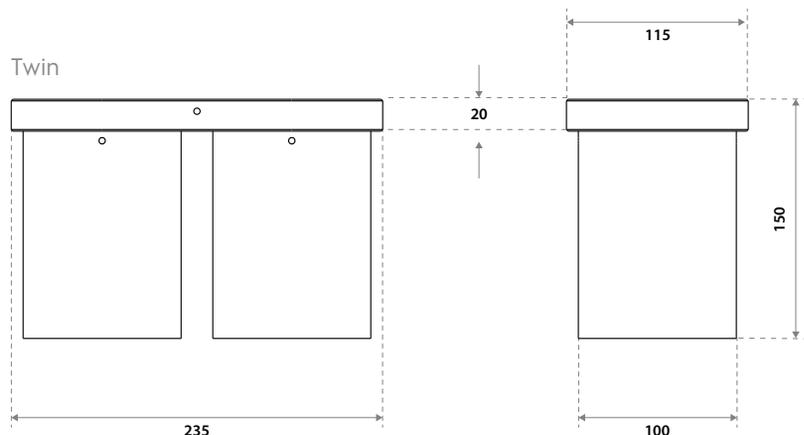


DOWNLIGHT VARIATIONS

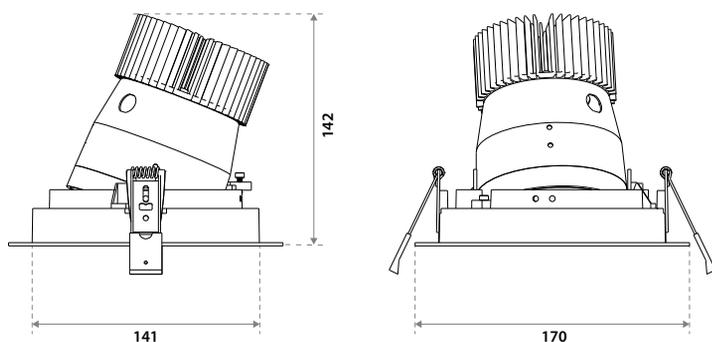


# Downlight variations

## DIMENSIONS



## Adjustable



## SPECIFICATIONS TWIN

Type	Twin	Adjustable
Fixture material	Housing: Aluminium / Lens: PMMA	Housing: Aluminium / Lens: glass
Colour	White RAL 9016	Black RAL 9005 / Customer Green
IP rate	IP20	IP20
CCT	3000K	3000K
Lumen output	2 x 800 Lm	2500 Lm
CRI	CRI93	CRI97
Beam angle (FWHM)	40°	37°
Input voltage	220-240V	220-240V
Input current	-	800 mA to LED module
Wattage	2 x 10,3 W	32,1 W
Efficacy	78 Lm/W	78Lm/W (Including power supply)
UGR (4H8H 70/50/20)	26,9	22,0
Weight	2360gr	800gr
Operating temperature (Ta)	-20°C / +45°C	-20°C / +45°C

## ABOUT THIS PRODUCT

In 2025, we made several luminaires for a high-end hotel of one of the largest amusement parks in Europe. We used customized colours and higher light outputs, and we even developed completely new product models in relatively small quantities.

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Custom made



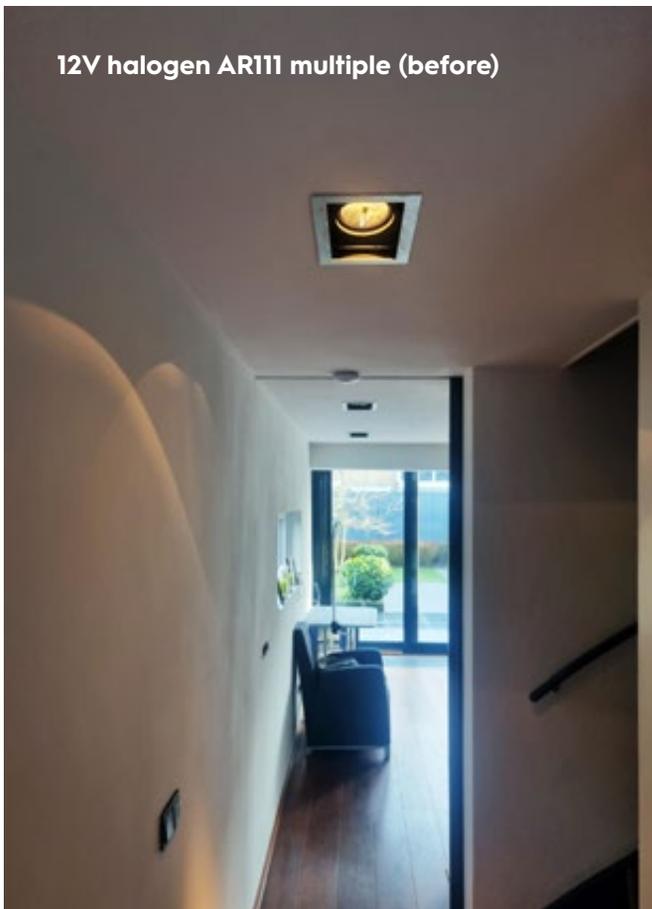
**STRADA 90 MULTIPLE**

Surface mounting options  
also possible.

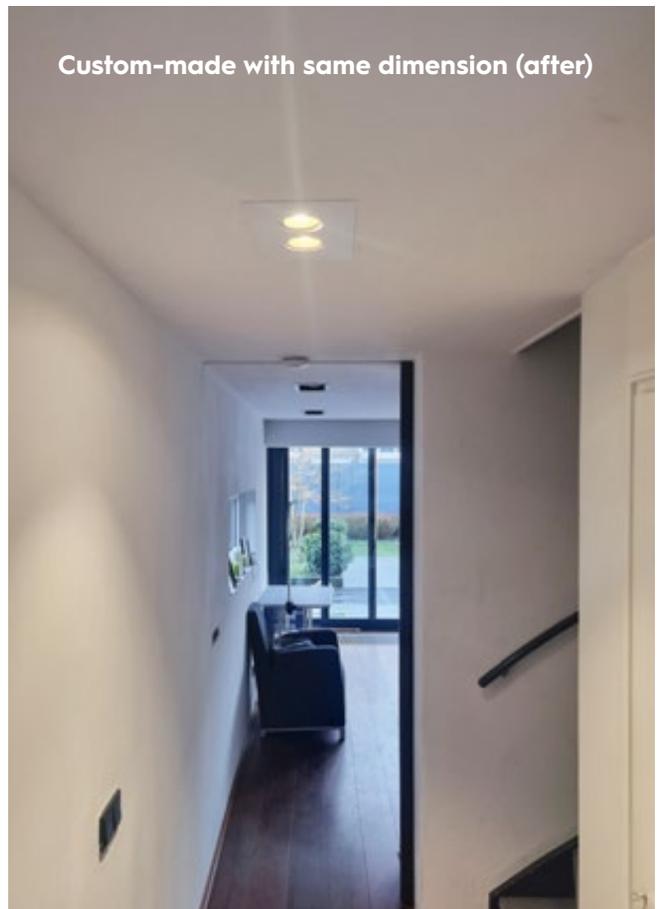


MULTIPLE AR111 REPLACEMENT

12V halogen AR111 multiple (before)

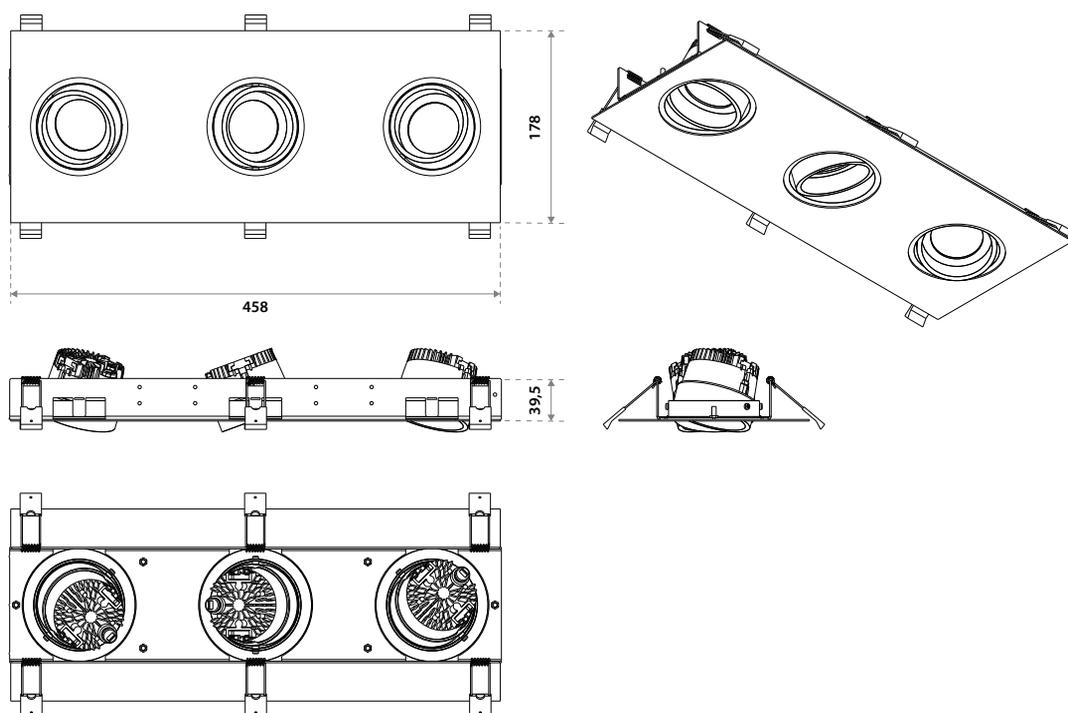


Custom-made with same dimension (after)



# Multiple AR111 replacement

## DIMENSIONS



## SPECIFICATIONS

Fixture material	Housing: Aluminium / Lens: PMMA
Colour	White RAL 9016
IP rate	IP20
CCT	3000K
Lumen output	3 x 800 Lm
CRI	CRI93
Beam angle (FWHM)	40°
Input voltage	220-240V
Wattage	3 x 10,3 W
Efficacy	78 Lm/W
UGR (4H8H 70/50/20)	26,9
Weight	±3800gr
Operating temperature (Ta)	-20°C / +45°C



bridgelux.

## ABOUT THIS PRODUCT

These luminaires were very popular since 1990. Due to the phasing out of these lamps, many fixtures are now equipped with AR111 LED lamps that have a relatively short lifespan.

A better solution, however, is to replace the entire fixture and adapt it to modern control systems (deep dimming, DALI, Casambi, etc.).

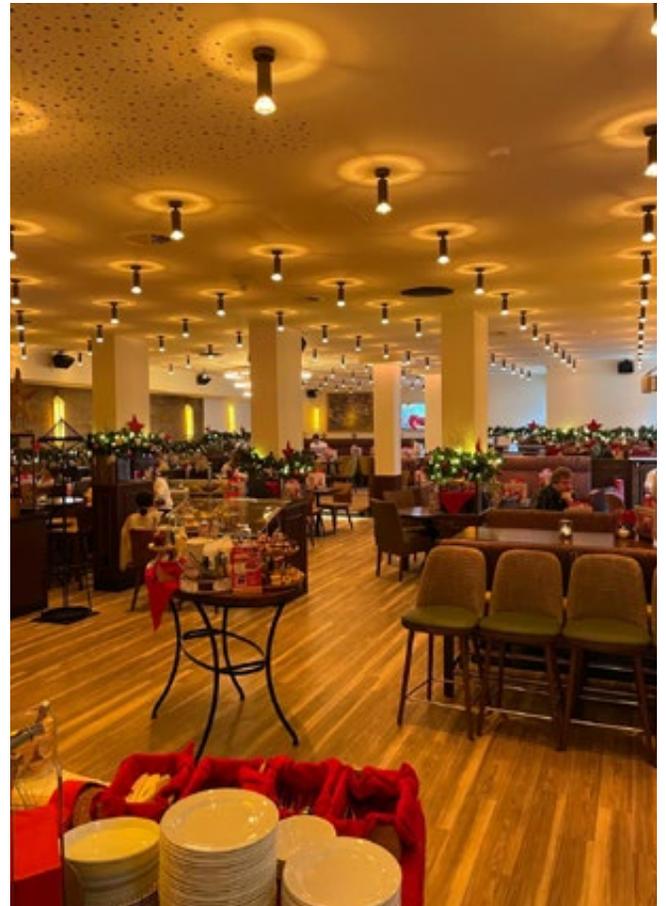
**MIYO**  
Custom made



**SPECIAL OPTIC**

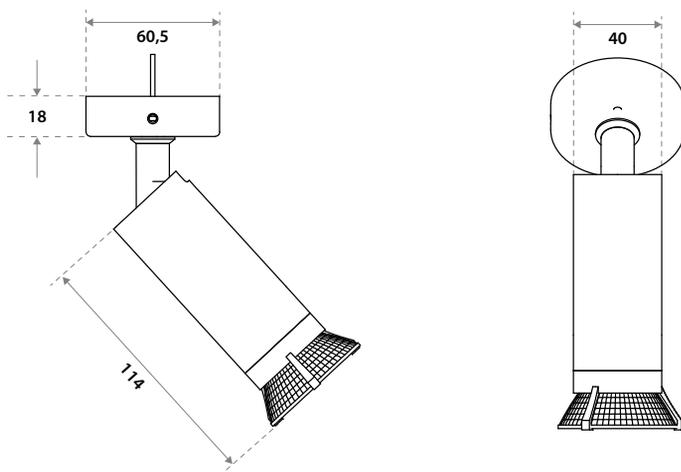
The lens also emits light to the back.

FIONA SPOT



# Fiona spot

## DIMENSIONS



## SPECIFICATIONS

Fixture material	Housing: Aluminium / Lens: PMMA
Colour	Black RAL 9005
CCT	1800-2700K
Lumen output	300 Lm
CRI	CRI82
Input voltage	120-277 VAC / 120-250 VDC
Input current	650 mA to LED module
Wattage	4,2 W
Efficacy	71 Lm/W (Including power supply)
Operating temperature (Ta)	-20°C / +45°C



## ABOUT THIS PRODUCT

Spotlights with MR16 halogen lamps are still used in countless applications. With the phase-out of halogen lamps, LED lamps have become available as replacements, but they have a limited lifespan.

We created a replacement spotlight for a European restaurant chain using the latest technology. For quick installation, the ceiling plate is custom-made to fit the existing bracket. The entire system is controlled by a DMX system.

MIYO

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CORRECTION RINGS FOR RENOVATION



CUSTOM-MADE

# Correction rings for renovation



## STANDARD VS. CNC-TURNED SOLUTIONS

While our standard rings include a functional "step" design to sit securely against the spotlight edge, we offer specialized options for high-end architectural requirements:

### **Precision CNC-Turned Rings:**

For projects demanding an uncompromising aesthetic, these rings feature sharp, defined corners and a seamless profile. This ensures a "perfect fit" where the ring and the spotlight appear as a single, integrated unit.

## IN-HOUSE MANUFACTURING & CUSTOMIZATION

Because Illuxtron operates its own dedicated CNC machinery, we maintain total control over the production pipeline. This allows for:

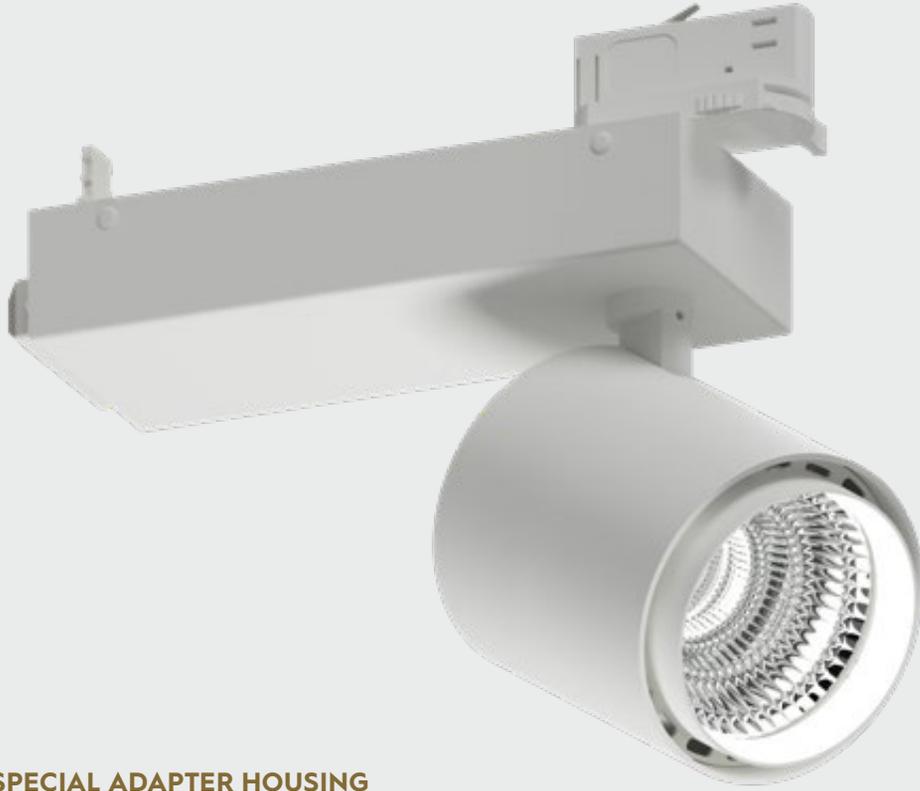
**Bespoke Diameters:** We are not limited to standard sizes; we can produce rings for any specific diameter required by your project.

**Surface Finish:** High-grade finishes that match the texture and colour of the Illuxtron spotlight range.

**Rapid Prototyping:** Faster lead times for custom renovation requests, ensuring project timelines remain on track.

**Technical Note:** Using correction rings eliminates the need for expensive ceiling repairs or plastering when upgrading luminaires, making them a cost-effective solution for large-scale building retrofits.

**MIYO**  
Custom made



**SPECIAL ADAPTER HOUSING**

Containing 2CH & 3CH driver options.

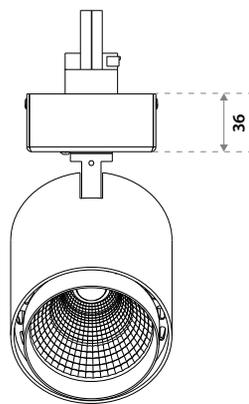
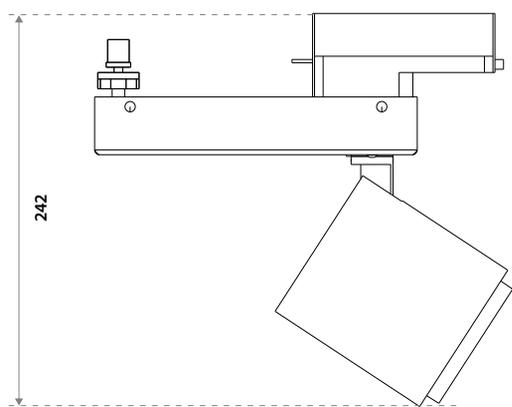
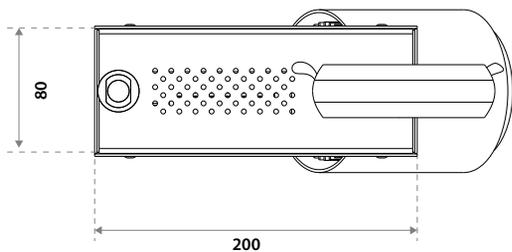
ODION 2CH & 3CH DRIVER HOUSINGS



# Odion trackspot

## 2CH & 3CH driver housings

### DIMENSIONS



### SPECIFICATIONS

Fixture material	Housing: Aluminium
Colour	White RAL 9016
IP rate	IP20
CCT	1800-16000K / RGB
Lumen output	1820 Lm
CRI	CRI90
Beam angle (FWHM)	60°
Input voltage	120-277 VAC / 120-250 VDC
Wattage	35 W
Efficacy	55 Lm/W (Including power supply)
UGR (4H8H 70/50/20)	23
Weight	±1500gr
Operating temperature (Ta)	-20°C / +45°C



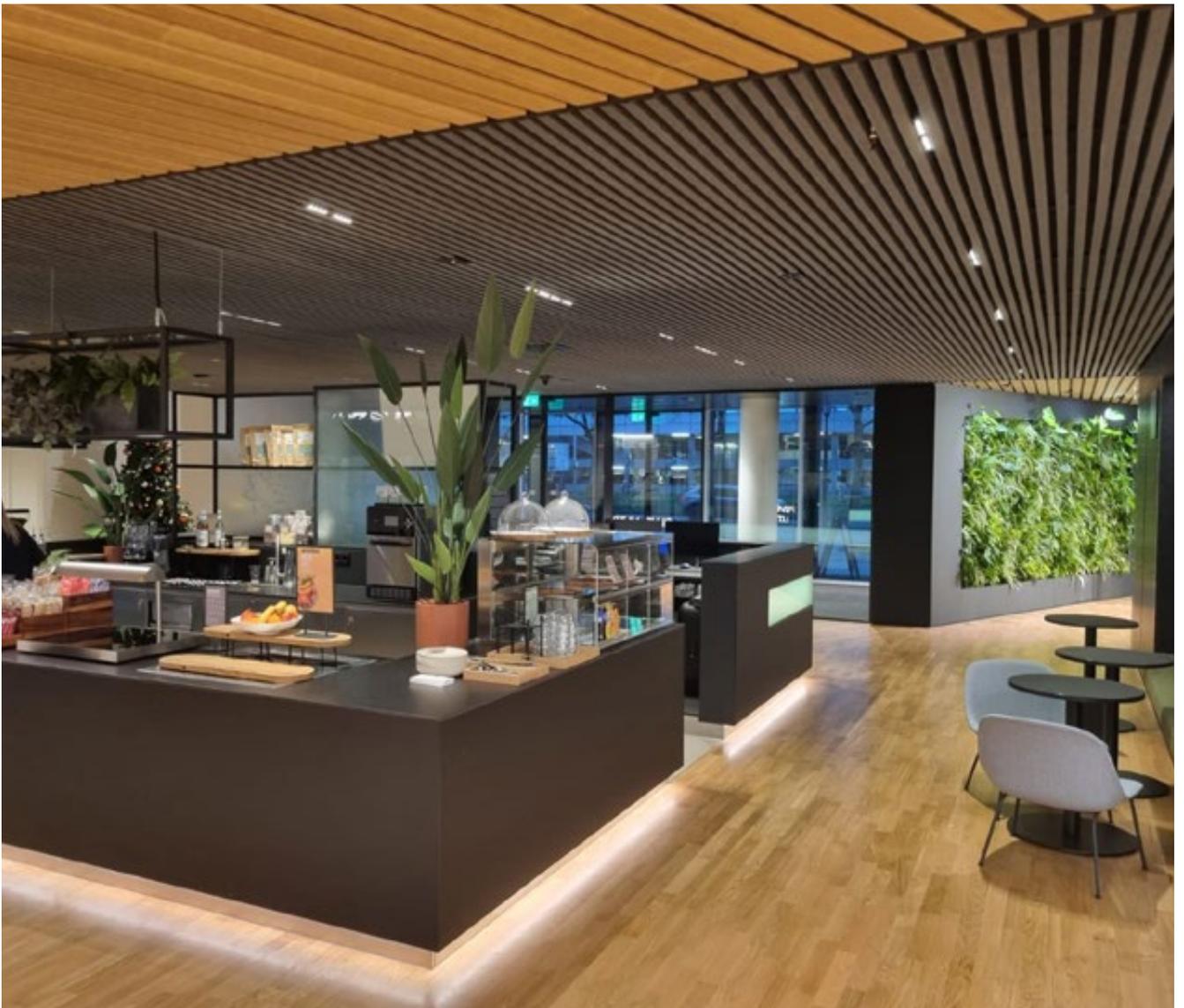
### ABOUT THIS PRODUCT

This downlight is assembled to order in the Netherlands on our social workshops. Next to the standard variations we have made a special adapter housing for 2CH and 3CH solutions.

MIYO  
Custom made



LIGHTING FOR CEILING SOLUTIONS



# Lighting for ceiling solutions

## FROM CUSTOM-MADE TO STANDARD

Over time, we have developed various ceiling solutions at the request of our customers. This led us to launch a range of standard products under the name L4CS in 2025. Below you'll find some custom-made products for inspiration.



ALTRA 68 IN GRID CEILINGS

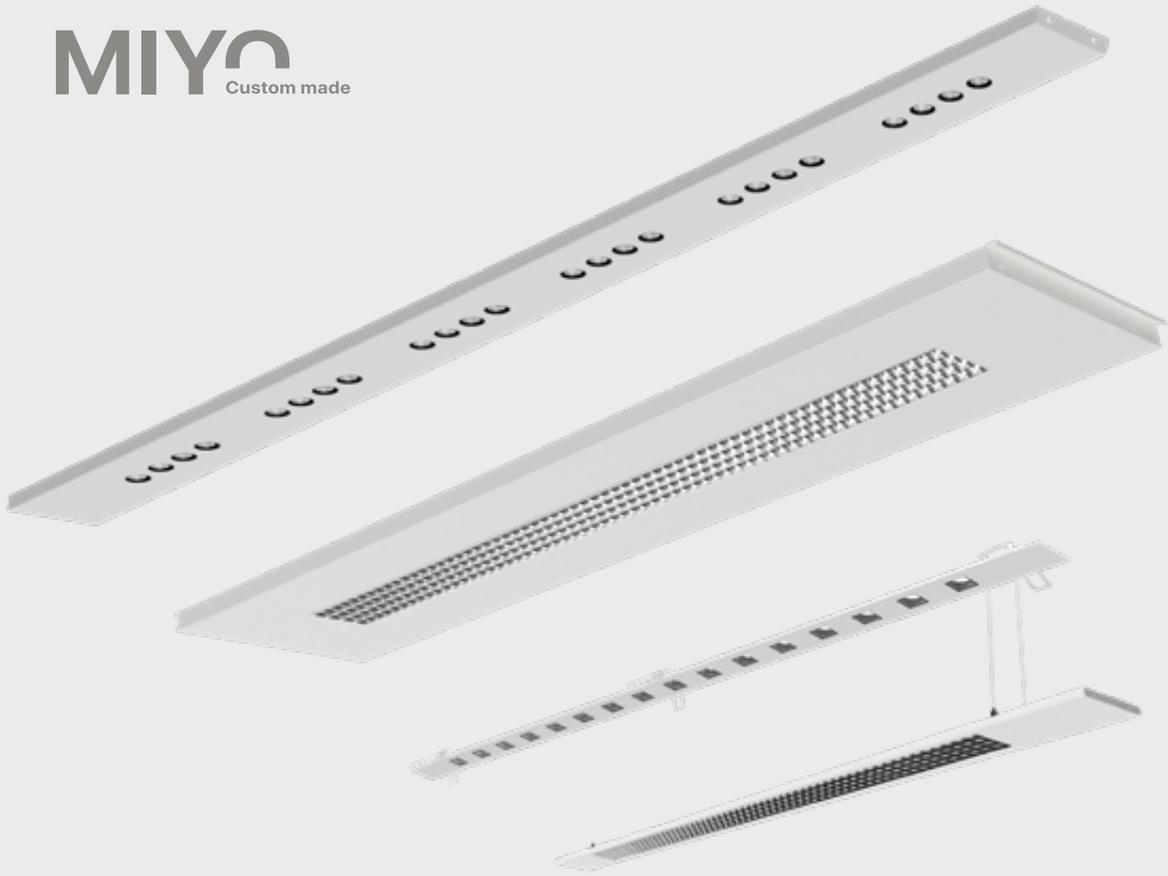


PINHOLE TECHNOLOGY

VESPER 1L IN SAPP CEILING



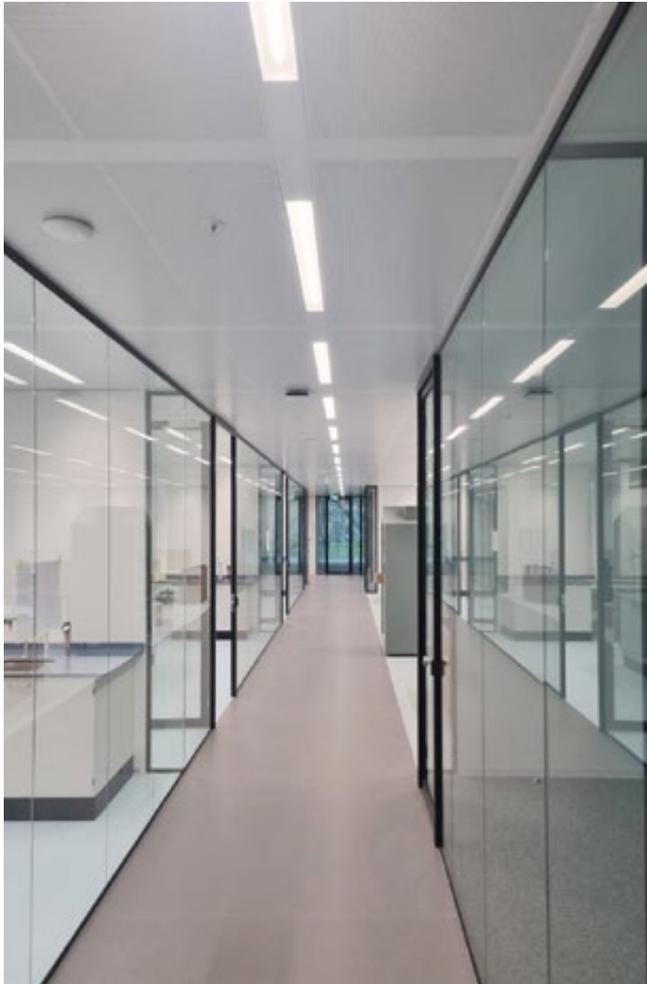
**MIYO**  
Custom made



**AVAILABLE VARIATIONS**

Options for diffusers or various reflector cups are available, including recessed, surface-mounted, and pendant versions.

LINEAR FIXTURES



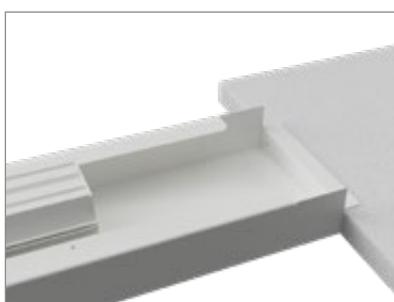
# Linear fixtures



## RECESSED MOUNTING OPTIONS



A-hook



B-hook



C-hook

## SPECIFICATIONS CORTINA

Fixture material	Housing: Steel / Diffuser: PS
Colour	White RAL 9016
IP rate	IP20
CCT	4000K
Lumen output	5300 Lm
CRI	CRI90
Beam angle (FWHM)	80°
Input voltage	120-277 VAC / 120-250 VDC
Input current	1050 mA to LED module
Wattage	41,8 W
Efficacy	127 Lm/W (Including power supply)
UGR (4H8H 70/50/20)	20
Operating temperature (Ta)	-20°C / +45°C

## ABOUT THIS PRODUCT

The Illuxtron collection includes several bandrastrer fixtures for standard T ceilings. Various options are available (dimensions, air vents, suspension systems, multiple fixtures on a single power supply, etc.).

For cooling ceilings, we use high-quality European manufacturers who also make the panels for the cooling ceilings. Illuxtron has measuring equipment that can guarantee tolerances of just 0.2 mm on the length measurement.

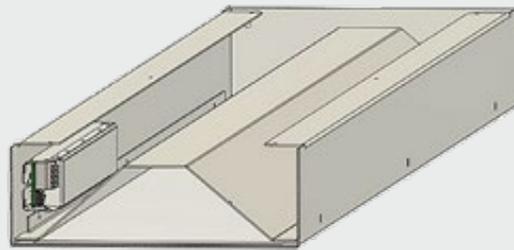
We are proud that, at the end of 2025, we came out on nr.1 in all areas in a study conducted by one of the largest engineering firms in the Netherlands

**MIYO**  
Custom made



**3D CROSS SECTION**

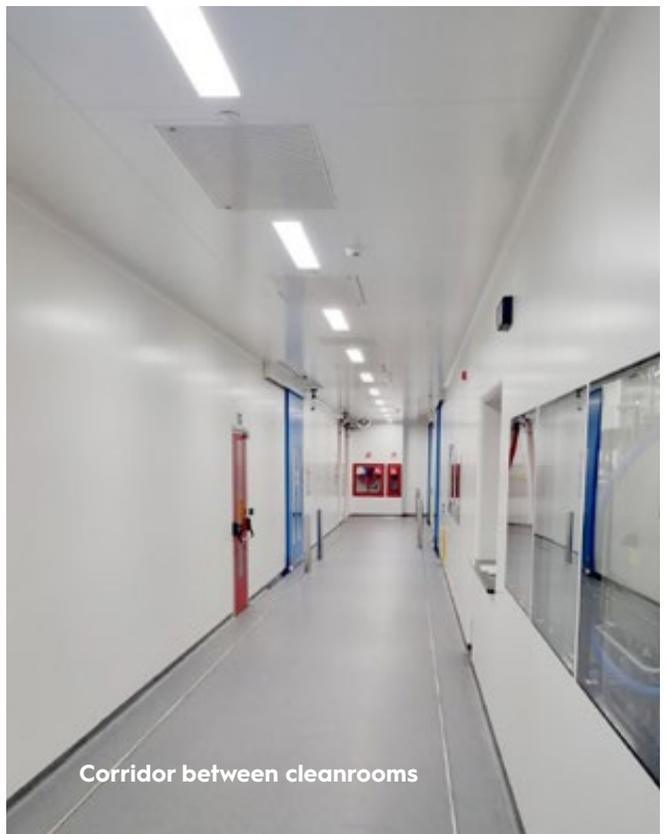
The power supply is integrated in the luminaire housing and covered by an easy replaceable backplate



CORTINA CLEANROOM



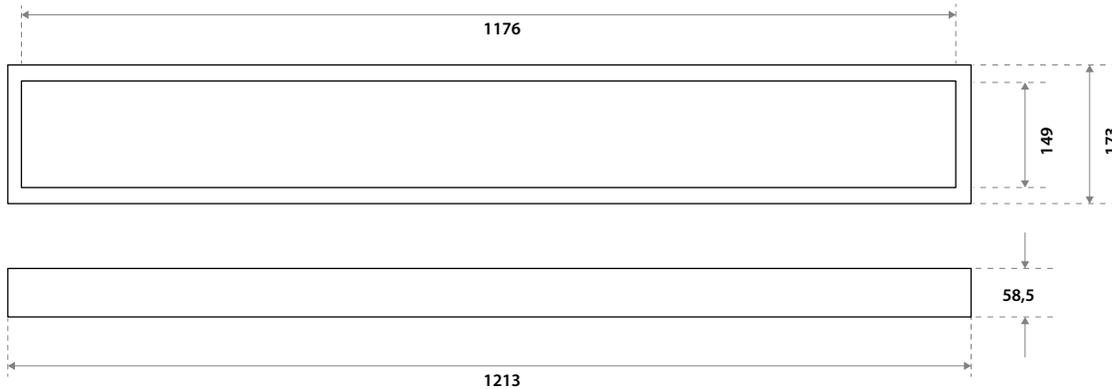
Cleanroom



Corridor between cleanrooms

# Cortina cleanroom

## DIMENSIONS



## SPECIFICATIONS

Fixture material	Housing: Steel / Diffuser: PS
Colour	White RAL 9016
IP rate	IP20
CCT	4000K
Lumen output	11.158 Lm
CRI	CRI82
Beam angle (FWHM)	112°
Input voltage	120-277 VAC / 120-250 VDC
Input current	1600 mA to LED module
Forward voltage	41,6Vf
Wattage	76,5 W
Efficacy	138 Lm/W (Incl. power supply)
UGR (4H8H 70/50/20)	27,5
Weight	±3800gr
Operating temperature (Ta)	-20°C / +45°C
LED type	Bridgelux SMD 2835 21L-3F
LED Lifetime L90B10	>102.000 hrs reported
Driver type	eldoLED SOLOdrive 94W DL94L-M2A0C
Warranty	7 years



bridgelux. eldoLED

## ABOUT THIS PRODUCT

For one of the largest Global Pharmacy Supply sites, we have designed a special luminaire. The luminaire is equipped with a maximum of highly efficient and durable Bridgelux LEDs to reach an L90B10 of >100.000hrs.

A second version of LED module is developed to reach 0% UV to be able to produce a highly sensible products in some of their cleanrooms.

For the drivers there is a KGP option for the corridors and an eldoLED option for the cleanrooms with an extreme low failure rate. To reach 800Lx in the production rooms the luminaire has a special optic in combination with a very high light output.

CUSTOM-MADE



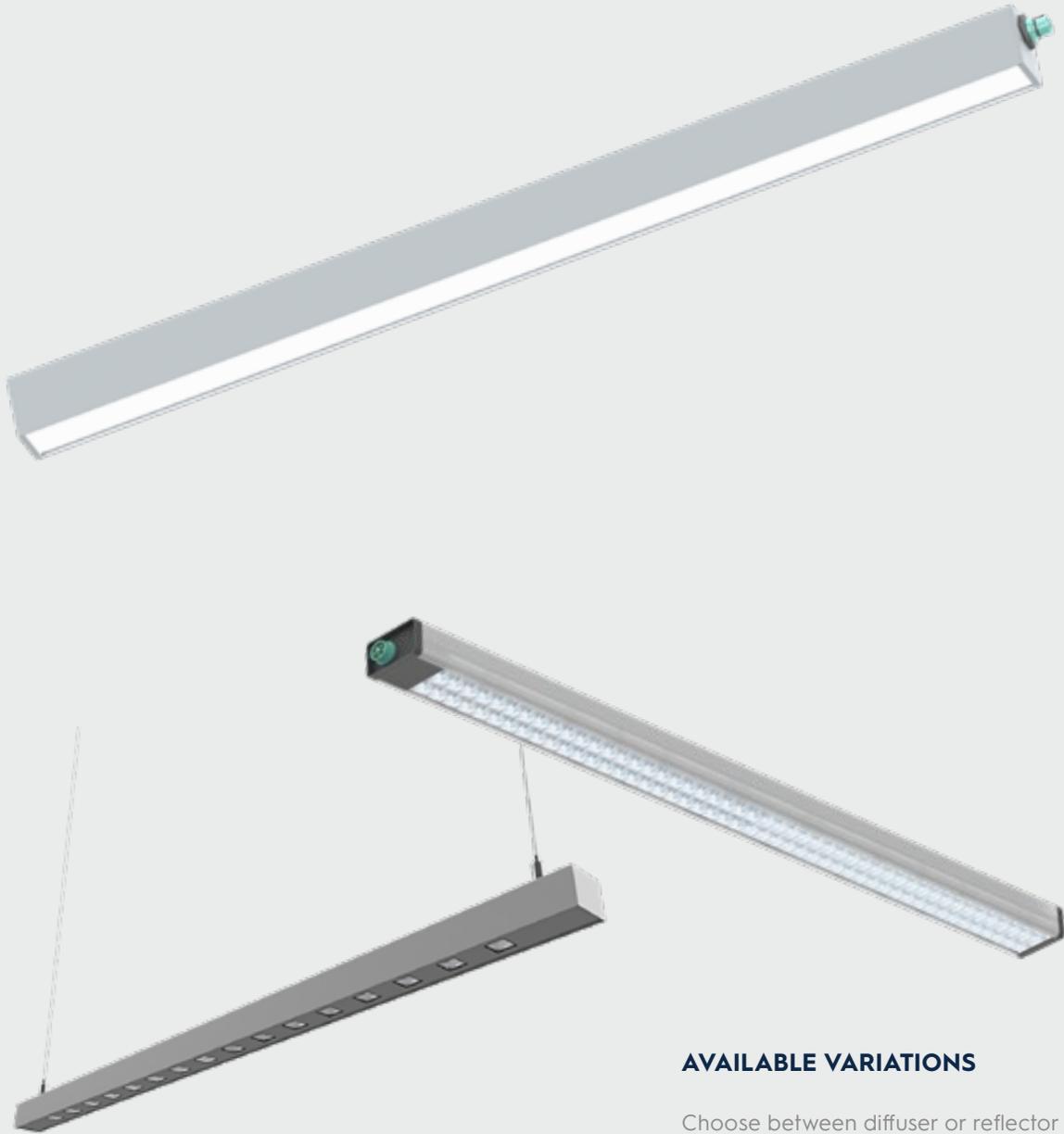


CUSTOM-MADE





**MIYO**  
Custom made



**AVAILABLE VARIATIONS**

Choose between diffuser or reflector cups, available in surface mounting and pendant versions.

LINEAR VERSIONS



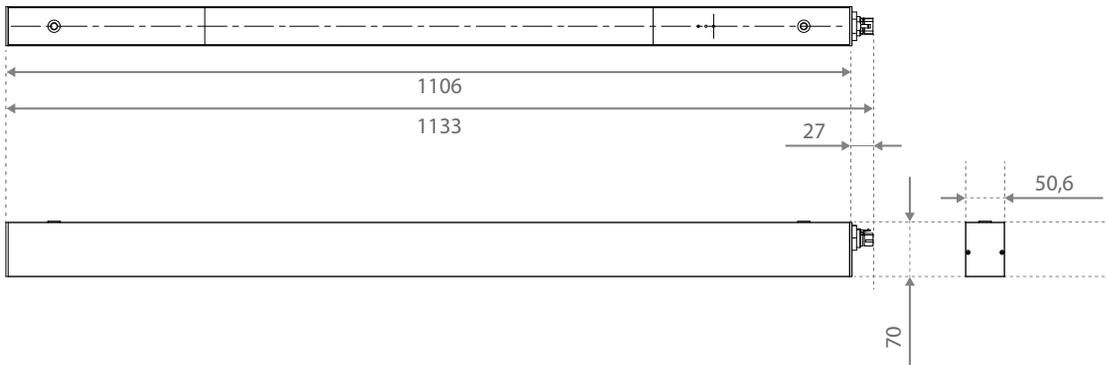
2700-6500K light up & down



Continuous light line

# Linear versions

## DIMENSIONS



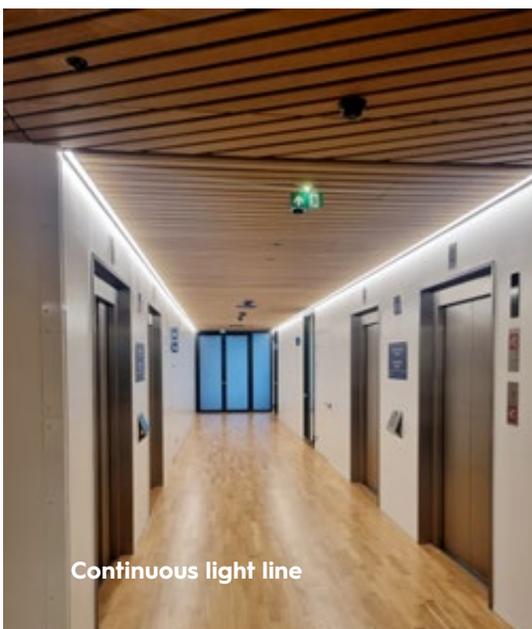
## SPECIFICATIONS LINION DATACENTER

Fixture material	Housing: Extruded aluminum / Reflector glass: Polycarbonate
Colour	Powder Coat RAL7001
IP rate	IP20
CCT	4000K
Lumen output	4880 Lm
CRI	CRI85
Beam angle (FWHM)	72°
Input voltage	220-240V
Wattage	31,9W
Efficacy	153 Lm/W (Including power supply)
UGR (4H8H 70/50/20)	19.5
Weight	2400gr
Operating temperature (Ta)	-20°C / +45°C
LED type	Bridgelux SMD 2835 21L-3F
LED Lifetime L90B10	>102.000 hrs reported
Driver type	TCI 151372 Aton 30W Dali
Warranty	7 years

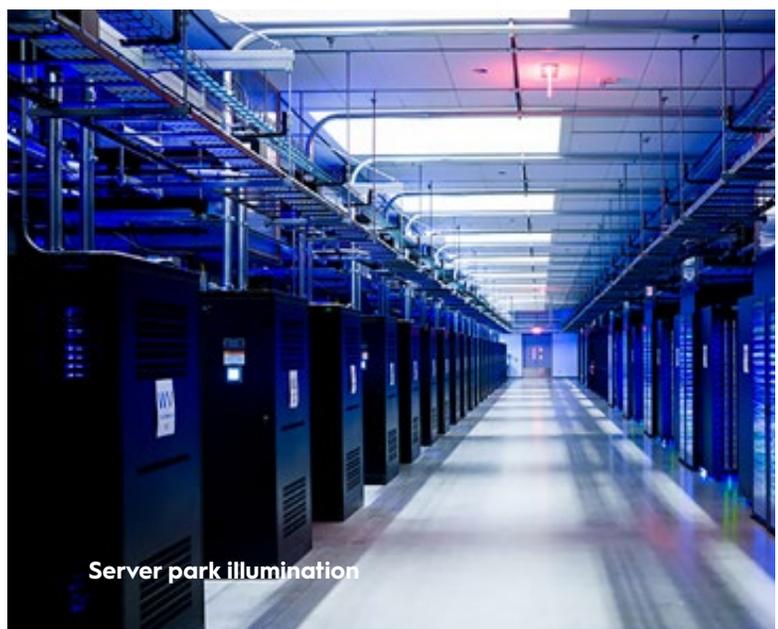
## ABOUT THIS PRODUCT

We custom-designed a linear luminaire for one of the largest American tech companies in server park illumination. Special attention was paid to energy efficiency and cooling properties to ensure a sustainable solution.

This profile is also used for HCL (up and down) solutions and other light-line solutions.

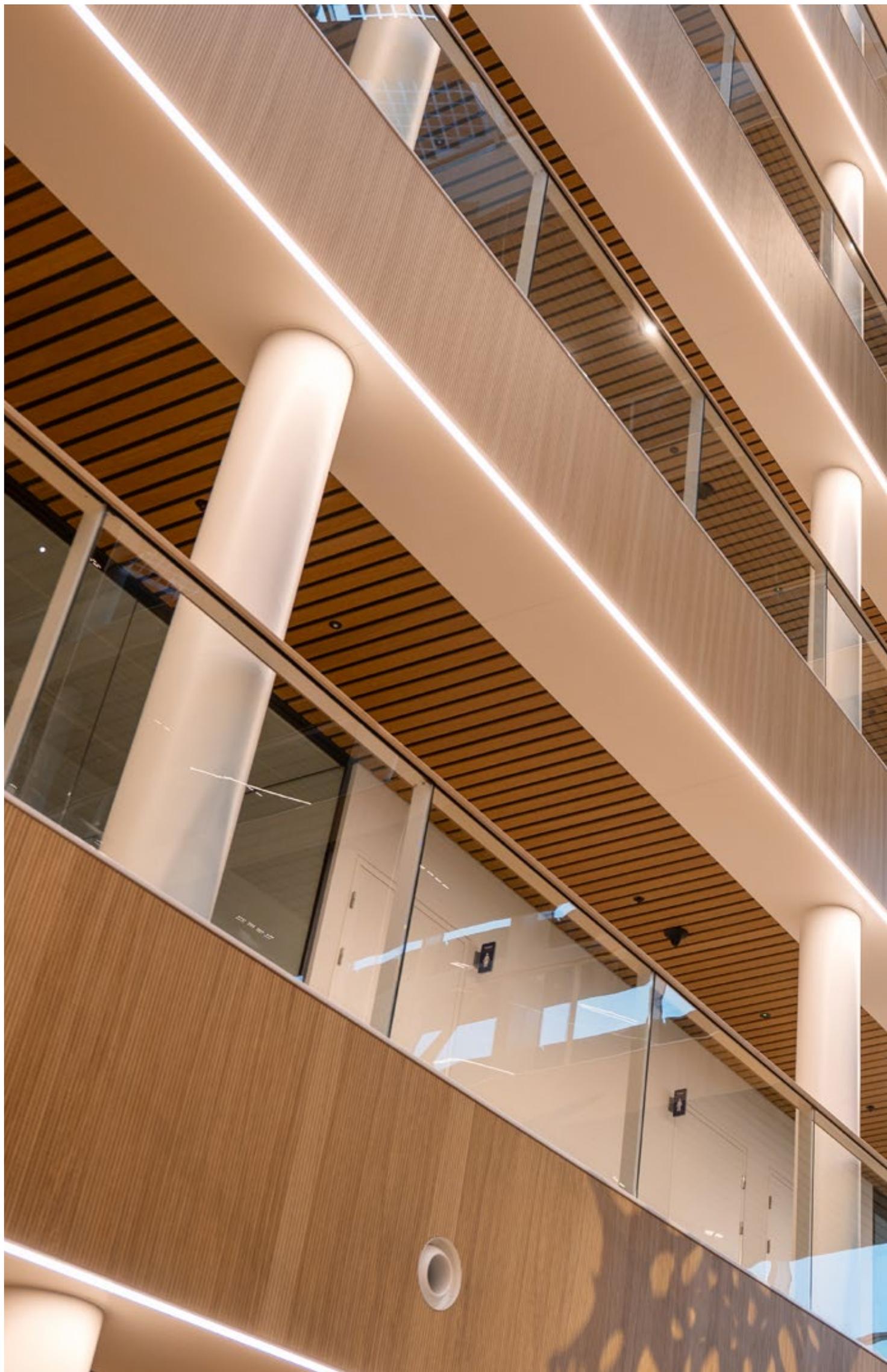


Continuous light line



Server park illumination

LINEAR VERSIONS





LINEAR VERSIONS







**High-end trade**

**products**

**ILLUXTRON**

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## Trade products

TRADE PRODUCTS

### Downlights

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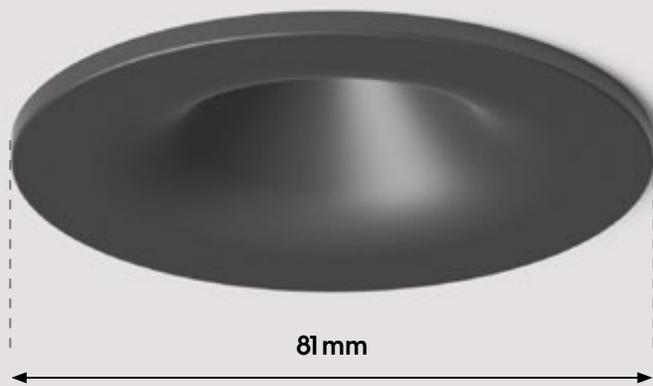


TRADE PRODUCTS

ALTRA

# Altra

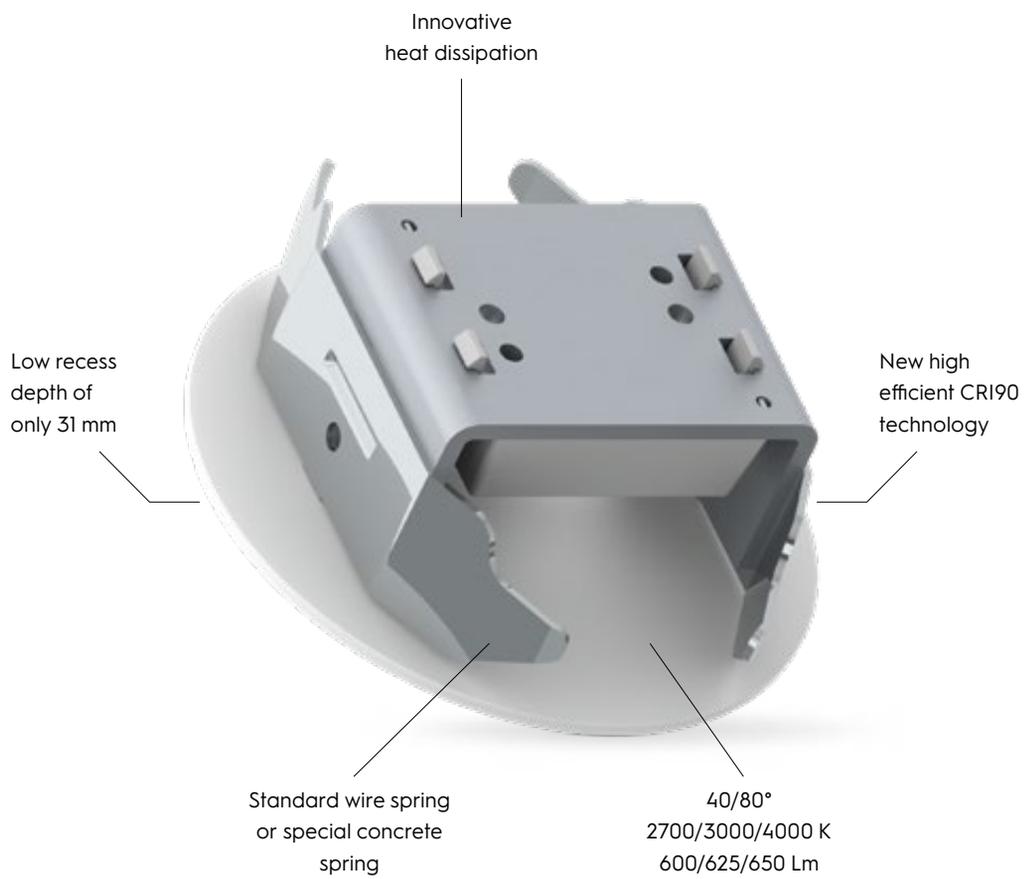
ILLUXTRON



Environment friendly composite material

Cut-out 68-75 mm

Patented



ALTRA 68



← →  
Ø 90 mm

**COLOURS**



Matt white  
RAL 9016 (XX=MW)



Matt black  
RAL 9005 (XX=BL)

**SPRINGS**



Standard with WS springs (gyproc/metal).  
Also available as above with CS springs  
(concrete/gyproc).

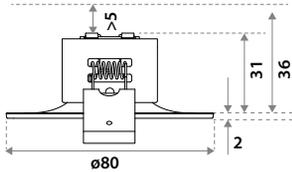
**CORRECTION RING Ø98MM**



Only in combination with WS spring  
for cut-out of 68-88mm

# Altra 68

## DIMENSIONS



## CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output			Lumen / Watt			Advised PSU		
			2700K	3000K	4000K	2700K	3000K	4000K	KGP No dim	TCI Triac	KGP Dali
Special request	350	4,6	430	450	470	93	98	102	CC7W100-700	127040	CC20W100-800
<b>Standard</b>	500	6,6	600	625	650	91	95	98	CC7W100-700	127042	CC20W100-800

## SPECIFICATIONS

Beam angle (FWHM)	40°/80°
Fixture material	Fronting: Composite Lens: Polycarbonate
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	5 years

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.

EU 874/2012



**Using CS springs:** Ø 68-75 mm.  
Thickness ceiling 5-31 mm &  
recess depth 31 mm.



**Using WS springs:** 68-75 mm.  
Thickness ceiling 1-20 mm &  
recess depth 31 mm

KGP TCI BHC bridgelux.

IP20

MADE IN HOLLAND

5 YEAR WARRANTY

ECO

Only when the product is installed in a closed ceiling may it be exposed to water splashes, and only on its front side.

## ITEM SPECIFICATIONS

Description	40°		80°		mA	W per lamp	Lm	Lm/W	CRI (typ.)	Safety class
	Item code	UGR	Item code	UGR						
Altra 68 LV 2700K 600Lm CRI93 No dim	LE3R03XX9R02	15.2	LE3R03XX9M02	21.6	500	6,6	600	91	93	II
Altra 68 LV 3000K 625Lm CRI93 No dim	LE3S03XX9R02	15.2	LE3S03XX9M02	21.6	500	6,6	625	95	93	II
Altra 68 LV 4000K 650Lm CRI93 No dim	LE3T03XX9R02	15.2	LE3T03XX9M02	21.6	500	6,6	650	98	93	II
Altra 68 LV 2700K 600Lm CRI93 Triac	LE3R03XX9N02	15.2	LE3R03XX9G02	21.6	500	6,6	600	91	93	II
Altra 68 LV 3000K 625Lm CRI93 Triac	LE3S03XX9N02	15.2	LE3S03XX9G02	21.6	500	6,6	625	95	93	II
Altra 68 LV 4000K 650Lm CRI93 Triac	LE3T03XX9N02	15.2	LE3T03XX9G02	21.6	500	6,6	650	98	93	II
Altra 68 LV 2700K 600Lm CRI93 Dali	LE3R03XX9P02	15.2	LE3R03XX9H02	21.6	500	6,6	600	91	93	II
Altra 68 LV 3000K 625Lm CRI93 Dali	LE3S03XX9P02	15.2	LE3S03XX9H02	21.6	500	6,6	625	95	93	II
Altra 68 LV 4000K 650Lm CRI93 Dali	LE3T03XX9P02	15.2	LE3T03XX9H02	21.6	500	6,6	650	98	93	II

Also available with: Casambi Check our datasheets, pricelist or website for all available versions

All values are measured at 230V (+/- 7%).

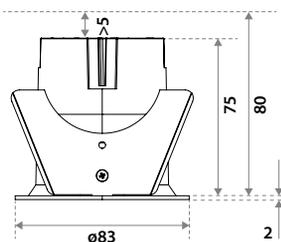




# Wave 75 fix



## DIMENSIONS



## CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special	150	5,6	750	750	775	134	134	138
Special	200	7,6	975	975	1025	129	129	136
<b>Standard</b>	250	9,6	1200	1200	1250	125	125	131
Special	300	11,6	1425	1425	1475	123	123	127
Special	350	13,7	1650	1650	1700	121	121	124

## SPECIFICATIONS

Beam angle (FWHM)	20°/37°/55°
Fixture material	Housing: Die cast aluminium Lens: Polycarbonate
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C 1
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	5 years



Using CS springs: Ø 75-77 mm.  
Thickness ceiling 5-80 mm &  
recess depth 80 mm.



Using WS springs: Ø 75-77 mm.  
Thickness ceiling 1-30 mm &  
recess depth 80 mm.



KGP **TC18** **bhc**

This luminaire contains built-in LED lamps.  
There are no exchangeable parts inside the luminaire.  
EU 874/2012

## ITEM SPECIFICATIONS

Description Wave 75 fix	20°		37°		55°		W per lamp	Lm/W	CRI (typ.)	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR				
LV 1200Lm 2700K no dim cs	WV4C03XX2F02	13.7	WV4C03XX1G02	14.1	WV4C03XXFP02	22.5	9,6	125	95	II
LV 1200Lm 2700K dali cs	WV4C03XX2H02	13.7	WV4C03XX1J02	14.1	WV4C03XXFR02	22.5	9,6	125	95	II
LV 1200Lm 3000K no dim cs	WV4D03XX2F02	13.7	WV4D03XX1G02	14.1	WV4D03XXFP02	22.5	9,6	125	95	II
LV 1200Lm 3000K dali cs	WV4D03XX2H02	13.7	WV4D03XX1J02	14.1	WV4D03XXFR02	22.5	9,6	125	95	II
LV 1250Lm 4000K no dim cs	WV4E03XX2F02	13.9	WV4E03XX1G02	14.2	WV4E03XXFP02	22.6	9,6	131	95	II
LV 1250Lm 4000K dali cs	WV4E03XX2H02	13.9	WV4E03XX1J02	14.2	WV4E03XXFR02	22.6	9,6	131	95	II
LV 1200Lm 1800-3000K dali cs	WV4F03XX2H02	13.7	WV4F03XX1J02	14.1	WV4F03XXFR02	22.5	14,1	85	93	II

Also available with: Triac dim Casambi Check our datasheets, pricelist or website for all available versions

All values are measured at 230V (+/- 7%).

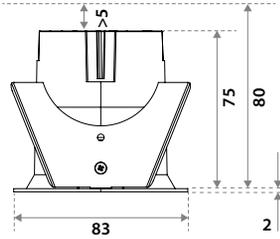




# Conic 75 RND fix



## DIMENSIONS



## CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special	150	5,6	750	750	775	134	134	138
Special	200	7,6	975	975	1025	129	129	136
<b>Standard</b>	250	9,6	1200	1200	1250	125	125	131
Special	300	11,6	1425	1425	1475	123	123	127
Special	350	13,7	1650	1650	1700	121	121	124

## SPECIFICATIONS

Beam angle (FWHM)	20°/37°/55°
Fixture material	Housing: Die cast aluminium Lens: Polycarbonate
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C 1
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	5 years
Safety class	II



Using CS springs: Ø 75-77 mm.  
Thickness ceiling 5-80 mm &  
recess depth 80 mm.



Using WS springs: Ø 75-77 mm.  
Thickness ceiling 1-30 mm &  
recess depth 80 mm.



KGP ~~TC18~~ bridgelux.

This luminaire contains built-in LED lamps.  
There are no exchangeable parts inside the luminaire.  
EU 874/2012

## ITEM SPECIFICATIONS

Description Conic 75 RND fix	20°		37°		55°		W per lamp	Lm/W	CRI (typ.)	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR				
LV 1200Lm 2700K no dim cs	CC4C03XX2F02	13.7	CC4C03XX1G02	14.1	CC4C03XXFP02	22.5	9,6	125	95	II
LV 1200Lm 2700K dali cs	CC4C03XX2H02	13.7	CC4C03XX1J02	14.1	CC4C03XXFR02	22.5	9,6	125	95	II
LV 1200Lm 3000K no dim cs	CC4D03XX2F02	13.7	CC4D03XX1G02	14.1	CC4D03XXFP02	22.5	9,6	125	95	II
LV 1200Lm 3000K dali cs	CC4D03XX2H02	13.7	CC4D03XX1J02	14.1	CC4D03XXFR02	22.5	9,6	125	95	II
LV 1250Lm 4000K no dim cs	CC4E03XX2F02	13.9	CC4E03XX1G02	14.2	CC4E03XXFP02	22.6	9,6	131	95	II
LV 1250Lm 4000K dali cs	CC4E03XX2H02	13.9	CC4E03XX1J02	14.2	CC4E03XXFR02	22.6	9,6	131	95	II
LV 1200Lm 1800-3000K dali cs	CC4F03XX2H02	13.7	CC4F03XX1J02	14.1	CC4F03XXFR02	22.5	14,1	85	93	II

Also available with: Triac dim Casambi Check our datasheets, pricelist or website for all available versions

All values are measured at 230V (+/- 7%).

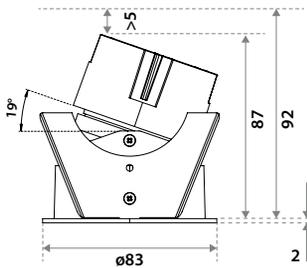




# Conic 75 RND adj



## DIMENSIONS



## CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special	150	5,6	750	750	775	134	134	138
Special	200	7,6	975	975	1025	129	129	136
<b>Standard</b>	250	9,6	1200	1200	1250	125	125	131
Special	300	11,6	1425	1425	1475	123	123	127
Special	350	13,7	1650	1650	1700	121	121	124

## SPECIFICATIONS

Beam angle (FWHM)	20°/37°/55°
Fixture material	Housing: Die cast aluminium Lens: Polycarbonate
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C 1
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	5 years
Safety class	II

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.

EU 874/2012



**Using CS springs:** Ø 75-77 mm.  
Thickness ceiling 5-102 mm & recess depth 92 mm.



**Using WS springs:** Ø 75-77 mm.  
Thickness ceiling 1-30 mm & recess depth 92 mm.



**Using trimless (TL):** Ø 72-77 mm.  
Thickness ceiling 10-35 mm & recess depth 102 mm.



KGP ~~TCI~~ bridgelux.

## ITEM SPECIFICATIONS

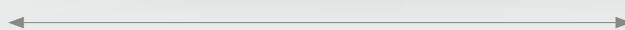
Description Conic 75 RND adj	20°		37°		55°		W per lamp	Lm/W	CRI (typ.)	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR				
LV 1200Lm 2700K no dim cs	CD4C03XX2F02	13.7	CD4C03XX1G02	14.1	CD4C03XXFP02	22.5	9,6	125	95	II
LV 1200Lm 2700K dali cs	CD4C03XX2H02	13.7	CD4C03XX1J02	14.1	CD4C03XXFR02	22.5	9,6	125	95	II
LV 1200Lm 3000K no dim cs	CD4D03XX2F02	13.7	CD4D03XX1G02	14.1	CD4D03XXFP02	22.5	9,6	125	95	II
LV 1200Lm 3000K dali cs	CD4D03XX2H02	13.7	CD4D03XX1J02	14.1	CD4D03XXFR02	22.5	9,6	125	95	II
LV 1250Lm 4000K no dim cs	CD4E03XX2F02	13.9	CD4E03XX1G02	14.2	CD4E03XXFP02	22.6	9,6	131	95	II
LV 1250Lm 4000K dali cs	CD4E03XX2H02	13.9	CD4E03XX1J02	14.2	CD4E03XXFR02	22.6	9,6	131	95	II
LV 1200Lm 1800-3000K dali cs	CD4F03XX2H02	13.7	CD4F03XX1J02	14.1	CD4F03XXFR02	22.5	14,1	85	93	II

Also available with: Triac dim Casambi Check our datasheets, pricelist or website for all available versions

All values are measured at 230V (+/- 7%).



CONIC 75 TL SQ



82,5 x 82,5 mm

**COLOURS**



Matt white  
RAL 9016 (XX=MW)



Matt black  
RAL 9005 (XX=BL)

**SPRINGS**



Standard with WS springs  
(gyproc/metal).

**NO SPRINGS**

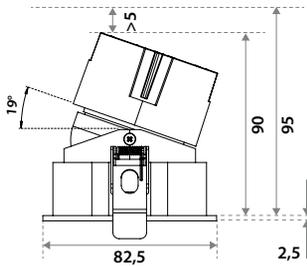


Also available as above  
without springs to plaster  
the trimless spotlight.

# Conic 75 1L SQ



## DIMENSIONS



## CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special	150	5,6	750	750	775	134	134	138
Special	200	7,6	975	975	1025	129	129	136
<b>Standard</b>	250	9,6	1200	1200	1250	125	125	131
Special	300	11,6	1425	1425	1475	123	123	127
Special	350	13,7	1650	1650	1700	121	121	124

## SPECIFICATIONS

Beam angle (FWHM)	20°/37°/55°
Fixture material	Housing: Die cast aluminium Lens: Polycarbonate
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C 1
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	5 years
Safety class	II



**Using WS springs:** 73x76 mm.  
Thickness ceiling 1-30 mm &  
recess depth 95 mm.



**Using trimless (TL):** 73x73 mm.  
Thickness ceiling 10-35 mm &  
recess depth 95 mm.



KGP ~~TC18~~ bridgelux.

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.

EU 874/2012

## ITEM SPECIFICATIONS

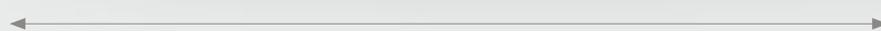
Description Conic 75 1L SQ	20°		37°		55°		W per lamp	Lm/W	CRI (typ.)	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR				
LV 1200Lm 2700K no dim cs	CE4C03XX6V02	13.7	CE4C03XX1V02	14.1	CE4C03XXF602	22.5	9,6	125	95	II
LV 1200Lm 2700K dali cs	CE4C03XX6X02	13.7	CE4C03XX1X02	14.1	CE4C03XXF802	22.5	9,6	125	95	II
LV 1200Lm 3000K no dim cs	CE4D03XX6V02	13.7	CE4D03XX1V02	14.1	CE4D03XXF602	22.5	9,6	125	95	II
LV 1200Lm 3000K dali cs	CE4D03XX6X02	13.7	CE4D03XX1X02	14.1	CE4D03XXF802	22.5	9,6	125	95	II
LV 1250Lm 4000K no dim cs	CE4E03XX6V02	13.9	CE4E03XX1V02	14.2	CE4E03XXF602	22.6	9,6	131	95	II
LV 1250Lm 4000K dali cs	CE4E03XX6X02	13.9	CE4E03XX1X02	14.2	CE4E03XXF802	22.6	9,6	131	95	II
LV 1200Lm 1800-3000K dali cs	CE4F03XX6X02	13.7	CE4F03XX1X02	14.1	CE4F03XXF802	22.5	14,1	85	93	II

Also available with: Triac dim Casambi Check our datasheets, pricelist or website for all available versions

All values are measured at 230V (+/- 7%).



CONIC 75 2L SQ



158 x 82,5 mm

**COLOURS**



Matt white  
RAL 9016 (XX=MW)



Matt black  
RAL 9005 (XX=BL)

**SPRINGS**

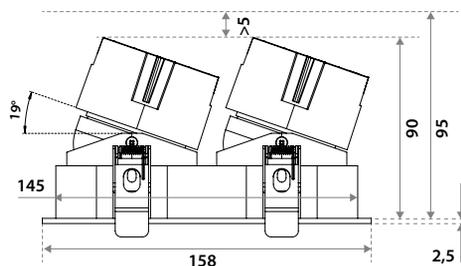


Standard with WS springs  
(gyproc/metal).

# Conic 75 2L SQ



## DIMENSIONS



## CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special	150	5,6	750	750	775	134	134	138
Special	200	7,6	975	975	1025	129	129	136
<b>Standard</b>	250	9,6	1200	1200	1250	125	125	131
Special	300	11,6	1425	1425	1475	123	123	127
Special	350	13,7	1650	1650	1700	121	121	124

## SPECIFICATIONS

Beam angle (FWHM)	20°/37°/55°
Fixture material	Housing: Die cast aluminium Lens: Polycarbonate
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C 1
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	5 years
Safety class	II



Using WS springs: 146x76 mm.  
Thickness ceiling 1-30 mm &  
recess depth 95 mm.



KGP ~~TC18~~ bridgelux.

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.

EU 874/2012

## ITEM SPECIFICATIONS

Description Conic 75 2L SQ	20°		37°		55°		W per lamp	Lm/W	CRI (typ.)	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR				
LV 1200Lm 2700K no dim cs	CF4C03XX6V02	13.7	CF4C03XX1V02	14.1	CF4C03XXF602	22.5	9,6	125	95	II
LV 1200Lm 2700K dali cs	CF4C03XX6X02	13.7	CF4C03XX1X02	14.1	CF4C03XXF802	22.5	9,6	125	95	II
LV 1200Lm 3000K no dim cs	CF4D03XX6V02	13.7	CF4D03XX1V02	14.1	CF4D03XXF602	22.5	9,6	125	95	II
LV 1200Lm 3000K dali cs	CF4D03XX6X02	13.7	CF4D03XX1X02	14.1	CF4D03XXF802	22.5	9,6	125	95	II
LV 1250Lm 4000K no dim cs	CF4E03XX6V02	13.9	CF4E03XX1V02	14.2	CF4E03XXF602	22.6	9,6	131	95	II
LV 1250Lm 4000K dali cs	CF4E03XX6X02	13.9	CF4E03XX1X02	14.2	CF4E03XXF802	22.6	9,6	131	95	II
LV 1200Lm 1800-3000K dali cs	CF4F03XX6X02	13.7	CF4F03XX1X02	14.1	CF4F03XXF802	22.5	14,1	85	93	II

Also available with: Triac dim Casambi Check our datasheets, pricelist or website for all available versions

All values are measured at 230V (+/- 7%).



TRADE PRODUCTS



LEXON

# Lexon

TRACKSPOTS



XL



XS



LEXON XS



← →  
ø 60 mm

**COLOURS**



Matt white  
RAL 9016 (XX=MW)



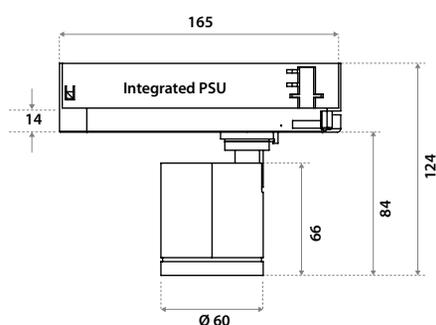
Matt black  
RAL 9005 (XX=BL)

# Lexon XS



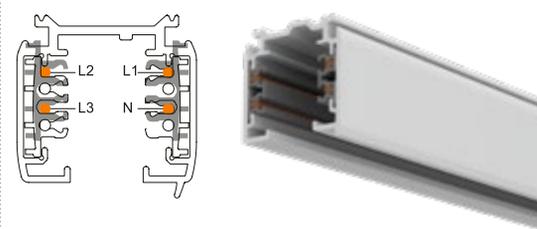
## DIMENSIONS

With integrated power supply in the adapter, not visible after installation.



## TRACKS

Suitable for the following track systems: Global, AAG STUCCHI, Eutrac, Nuco, Ivela, Staff, Norlux, Unipro, Powergear, Erco.



## CHOOSE YOUR LUMEN OUTPUT

	mA	Vf	W	Lumen Output		Lumen / Watt		UGR	
				2700K	3000K	2700K	3000K	2700K	3000K
Special request	150	32,6	5,6	550	575	98	102	22,6	22,8
Special request	200	33,2	7,6	725	750	95	98	23,6	23,7
Special request	250	33,4	9,6	900	950	94	99	24,3	24,5
Special request	300	34,0	11,7	1050	1100	90	94	24,9	25
<b>Standard</b>	350	34,4	13,8	1225	1275	89	92	25,4	25,5
Special request	400	34,9	16,0	1375	1425	86	89	25,8	25,9
Special request	450	35,2	18,2	1525	1600	84	88	26,2	26,3
Special request	500	35,6	20,5	1650	1725	81	84	26,4	26,6

## SPECIFICATIONS

Beam angle (FWHM)	38° (15°/60° on request)
Fixture material	Die cast aluminium
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

This luminaire contains built-in LED lamps.  
There are no exchangeable parts inside the luminaire.  
EU 874/2012



KGP bridgelux

## ITEM SPECIFICATIONS

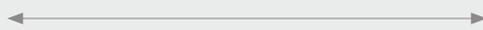
Description	Item code	mA	W per lamp	Lm	Lm/W	CRI (typ.)	Pf	Ripple	Inrush current	B-16A Fuse	Safety class
Lexon XS 3F 1225Lm 2700K CRI93 No dim	LX0403XXL702	350	13,8	1225	89	93	0.92	≤5%	20A 40µs	48	I
Lexon XS 3F 1225Lm 2700K CRI93 Triac dim	LX0403XXK702	350	13,8	1225	89	93	0.92	≤5%	20A 40µs	48	I
Lexon XS 3F 1225Lm 2700K CRI93 Dali	LX0403XXM702	350	13,8	1225	89	93	0.92	≤5%	20A 40µs	48	I
Lexon XS 3F 1275Lm 3000K CRI93 No dim	LX0403XXL802	350	13,8	1275	92	93	0.92	≤5%	20A 40µs	48	I
Lexon XS 3F 1275Lm 3000K CRI93 Triac dim	LX0403XXK802	350	13,8	1275	92	93	0.92	≤5%	20A 40µs	48	I
Lexon XS 3F 1275Lm 3000K CRI93 Dali	LX0403XXM802	350	13,8	1275	92	93	0.92	≤5%	20A 40µs	48	I

Also available with other beam angles (on request)

All values are measured at 230V (+/- 7%).



LEXON XL



ø 85 mm

**COLOURS**



Matt white  
RAL 9016 (XX=MW)



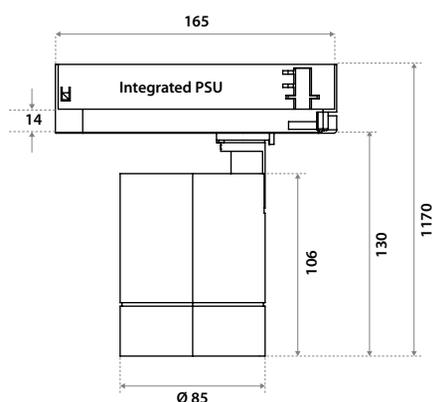
Matt black  
RAL 9005 (XX=BL)

# Lexon XL



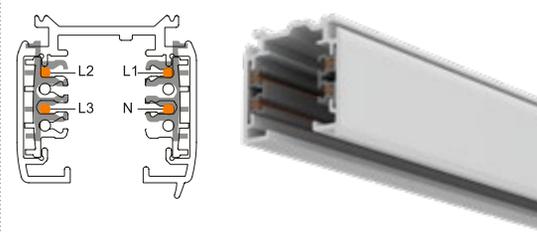
## DIMENSIONS

With integrated power supply in the adapter, not visible after installation.



## TRACKS

Suitable for the following track systems: Global, AAG STUCCHI, Eutrac, Nuco, Ivela, Staff, Norlux, Unipro, Powergear, Erco.



## CHOOSE YOUR LUMEN OUTPUT

	mA	Vf	W	Lumen Output		UGR
				3000K	3000K	3000K
Special request	650	34,4	25,7	2300	89	20,2
<b>Standard</b>	700	34,6	27,8	2450	88	20,5
Special request	750	34,8	30,0	2600	87	20,7
Special request	500	35,6	20,5	1650	81	26,4

## SPECIFICATIONS

Beam angle (FWHM)	38°
Fixture material	Die cast aluminium
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

This luminaire contains built-in LED lamps.  
There are no exchangeable parts inside the luminaire.  
EU 874/2012



## ITEM SPECIFICATIONS

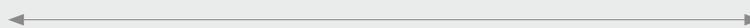
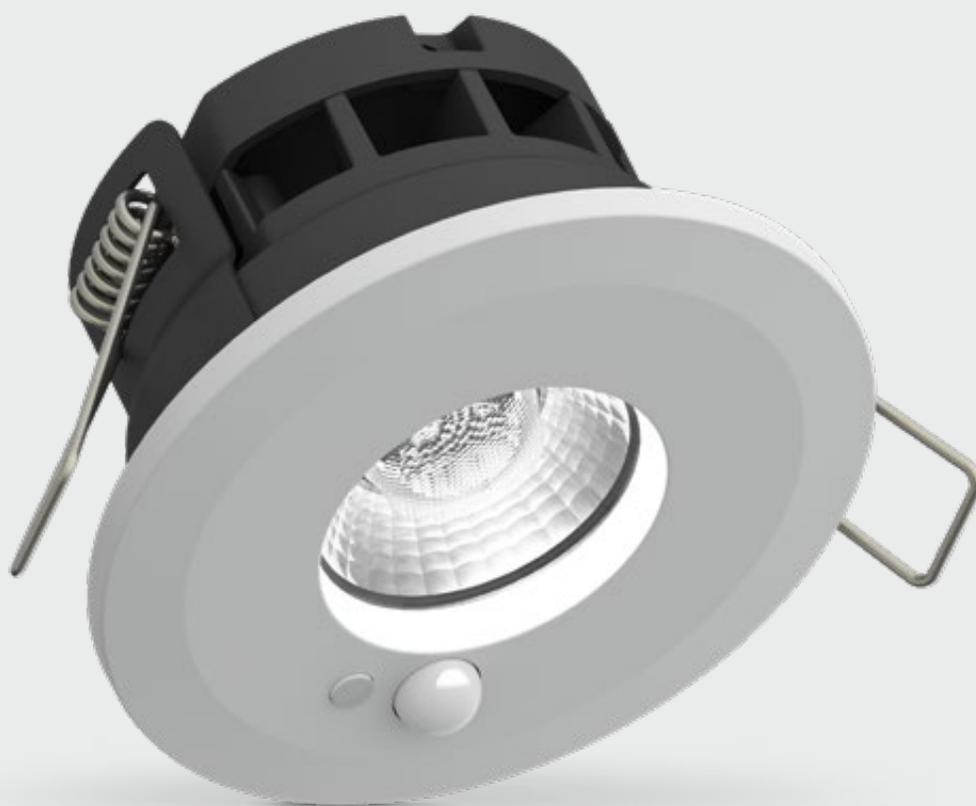
Description	Item code	mA	W per lamp	Lm	Lm/W	CRI (typ.)	Pf	Ripple	Inrush current	B-16A Fuse	Safety class
Lexon XL 3F 2450Lm 3000K CRI93 No dim	LX0403XXL602	700	27,8	2450	88	93	0.92	≤5%	60A 400µS	16	I
Lexon XL 3F 2450Lm 3000K CRI93 Triac dim	LX0403XXK602	700	27,8	2450	88	93	0.92	≤5%	60A 400µS	16	I
Lexon XL 3F 2450Lm 3000K CRI93 Dali	LX0403XXM602	700	27,8	2450	88	93	0.92	≤5%	60A 400µS	16	I

Also available with other beam angles (on request)

All values are measured at 230V (+/- 7%).



SENSO 68



ø 88 mm

**COLOURS**



Matt white  
RAL 9016 (XX=MW)



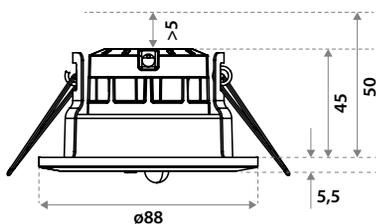
Matt black  
RAL 9005 (XX=BL)

**SPRINGS**

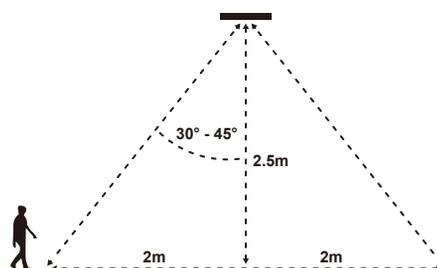
No other springs available

# Senso 68

## DIMENSIONS



## DETECTION AREA



## SPECIFICATIONS

Colour switchable (CCT)	2700/3000/4000/6000K
Lumen output	950/975/1025/1050 Lm
Wattage	9,5 W
Lm/W	100/103/108/111
CRI	82
Beam angle (FWHM)	65°
Time	3/10 minutes
Fixture material	Housing: Die cast aluminium Lens: Polycarbonate
Environment	Indoor
IP rate	IP20/65
IK rate	IK03
Operating temperature (Ta)	-20°C / +40°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	5 years
Detection range	90°

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.

EU 874/2012



**Using WS springs:** Ø 68-70 mm.  
Thickness ceiling 1-30 mm  
& recess depth 50 mm.

Only when the product is installed in a closed ceiling it may be exposed to water splashes, and only on its front side.



## ITEM SPECIFICATIONS

Available Q3 2026

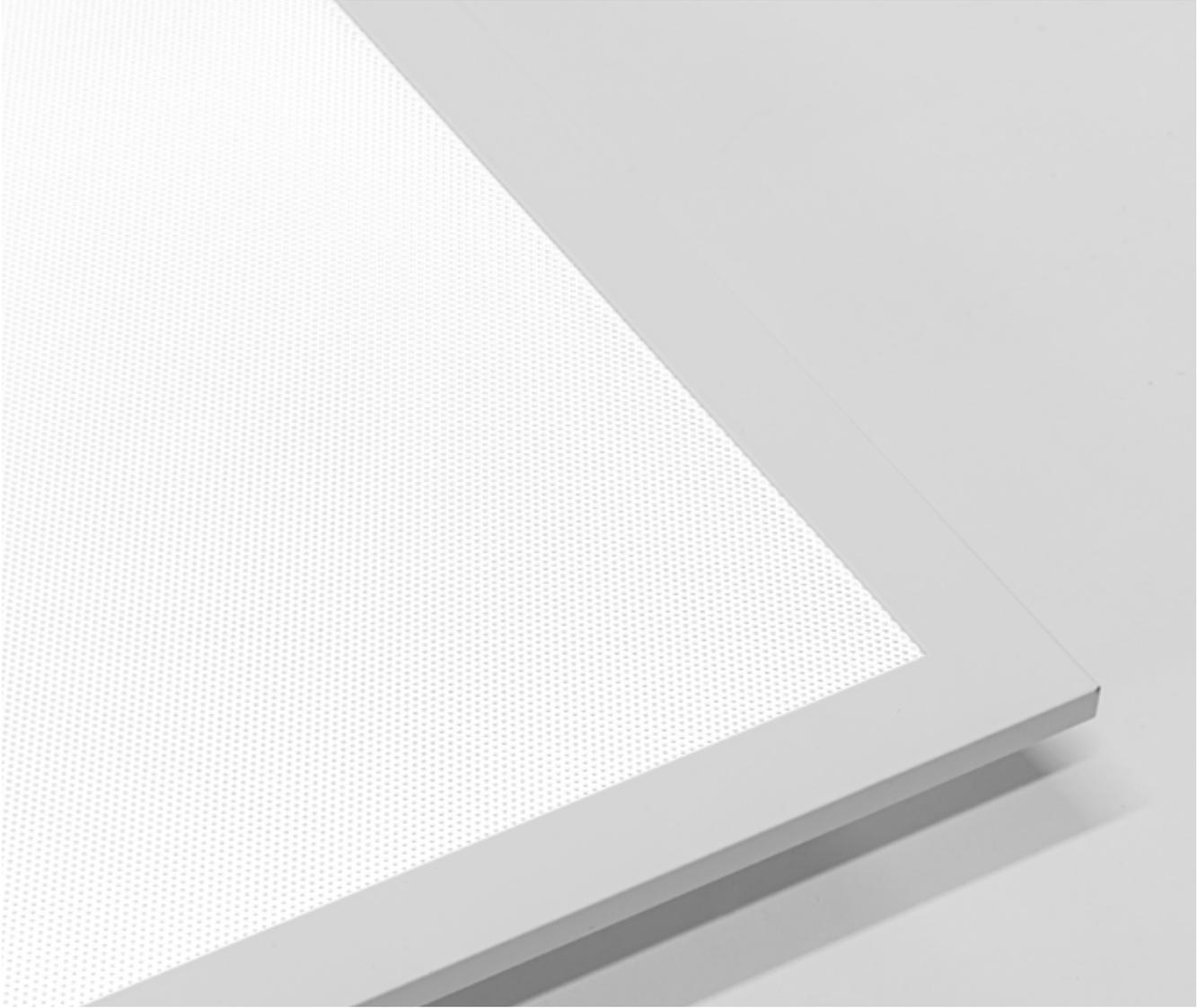
Description	Item code	Extra	Input	Safety class
Senso 68 LV 4CCT 950-1050Lm 65°	SE2Z03XX0002	Incl. PSU	220-240V	II

All values are measured at 230V (+/- 7%).



LED PANEL B

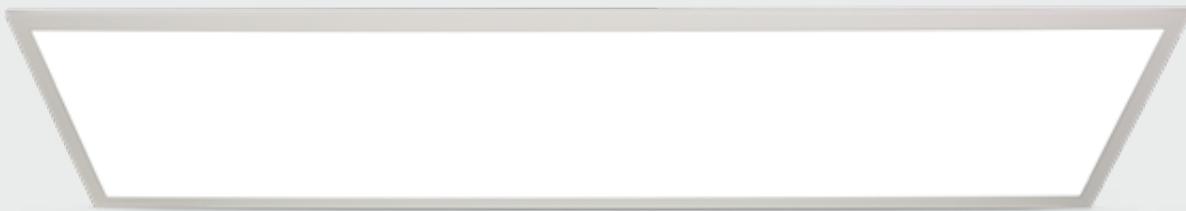
# LED Panel B



LED PANEL B



595x595 mm

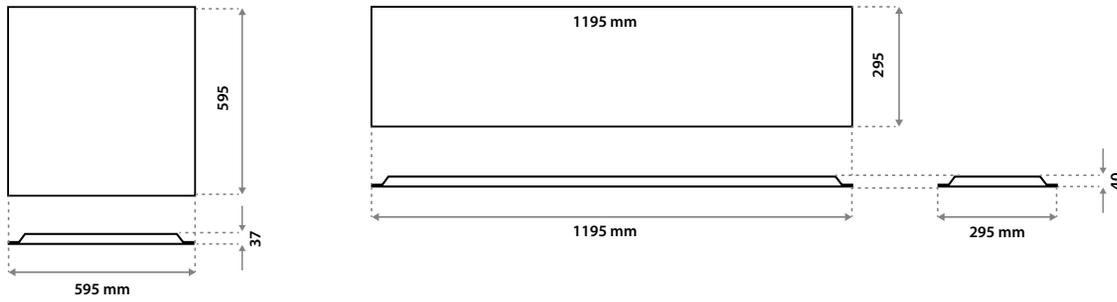


1195x295 mm



# LED Panel B

## DIMENSIONS



## SPECIFICATIONS

Beam angle (FWHM)	84° (Standard)
Fixture material	Frame - Aluminium UGR Prisma PS
LEDs	Jufei 2835
Environment	Indoor
IP rate	IP44
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years

This luminaire contains built-in LED lamps.  
There are no exchangeable parts inside the luminaire.  
EU 874/2012



## CHOOSE YOUR LUMEN OUTPUT

	mA	Vf	W per lamp	Lumen Output			Lumen / watt			UGR		
				3000K	4000K	2700-6500K*	3000K	4000K	2700-6500K*	3000K	4000K	2700-6500K*
Special request	250	31,6	7,9	1350	1375	1300 - 1375	171	174	165 - 174	13.2	13.5	13.5
Special request	300	31,8	9,5	1600	1625	1550 - 1625	168	170	163 - 170	13.8	14.1	14.1
Special request	350	32,0	11,2	1875	1900	1800 - 1900	167	170	161 - 170	14.4	14.6	14.6
Special request	450	32,4	14,6	2250	2400	2275 - 2400	154	164	156 - 164	14,3	15.4	15.4
Special request	500	32,6	16,3	2625	2675	2550 - 2675	161	164	156 - 164	15.5	15.8	15.8
Special request	550	32,8	18,0	2900	2950	2800 - 2950	161	164	156 - 164	15.8	16.1	16.1
Special request	600	33,0	19,8	3175	3225	3050 - 3225	160	163	154 - 163	16.1	16.4	16.4
Standard	650	33,2	21,6	3450	3500	3325 - 3500	160	162	154 - 162	16.4	16.7	16.7
Special request	700*	33,4	23,4	3725	3800	3600 - 3800	159	163	154 - 163	16.6	16.9	16.9
Standard	800	33,7	27,0	4275	4350	4125 - 4350	159	161	153 - 161	17.1	17.3	17.3
Special request	850	33,9	28,8	4500	4575	4350 - 4575	156	159	151 - 159	17.5	17.5	17.5
Special request	1000	34,4	34,4	5175	5250	4975 - 5250	150	153	145 - 153	17.8	18.1	18.1
Standard	1050	34,6	36,3	5400	5500	5225 - 5500	149	151	144 - 151	17.9	18.2	18.2

\*2700-6500K only available for LED Panel B 595x595.

## ITEM SPECIFICATIONS

Description	Item code	Input	Vf	W per lamp	Lm	Lm/W	CRI* (typ.)	UGR	Safety class
LED Panel B 595x595 LVC max 5400Lm CRI93 3000K	301L03MW63E2	max 1050mA	34,6	36,3	5400	149	93	17.9	III
LED Panel B 595x595 LVC max 5500Lm CRI93 4000K	301L03MW64E2	max 1050mA	34,6	36,3	5500	151	93	18.2	III
LED Panel B 595x595 LVC max 5500Lm CRI93 2700-6500K	301L03MW61E2	max 1050mA	34,6	36,3	5500	151	93	18.2	III
LED panel B 1195x295 LVC max 5400Lm CRI93 3000K	321L03MW63E2	max 1050mA	34,6	36,3	5400	149	93	17.9	III
LED panel B 1195x295 LVC max 5500Lm CRI93 4000K	321L03MW64E2	max 1050mA	34,6	36,3	5500	151	93	18.2	III

All values are measured at 230V (+/- 7%).



# Installation LED Panel B

## Step 1: Choose your luminaire



LED Panel B 595x595



LED Panel B 1195x295

## Step 2: Choose your lumen output

1 PANEL TO 1 DRIVER

	mA	Vf	W per lamp	Lumen Output			Lumen / watt			UGR			CRI
				3000K	4000K	2700-6500K*	3000K	4000K	2700-6500K*	3000K	4000K	2700-6500K*	
Special request	250	31,6	7,9	1350	1375	1375	171	174	174	13.2	13.5	13.5	93
Special request	300	31,8	9,5	1600	1625	1625	168	170	170	13.8	14.1	14.1	93
Special request	350	32,0	11,2	1875	1900	1900	167	170	170	14.4	14.6	14.6	93
Special request	450	32,4	14,6	2250	2300	2300	154	158	158	14,3	15.4	15.4	93
Special request	500	32,6	16,3	2625	2675	2675	161	164	164	15.5	15.8	15.8	93
Special request	550	32,8	18,0	2900	2950	2950	161	164	164	15.8	16.1	16.1	93
Special request	600	33,0	19,8	3175	3225	3225	160	163	163	16.1	16.4	16.4	93
<b>Standard</b>	650	33,2	21,6	3450	3500	3500	160	162	162	16.4	16.7	16.7	93
Special request	700*	33,4	23,4	3725	3800	3800	159	163	163	16.6	16.9	16.9	93
<b>Standard</b>	800	33,7	27,0	4275	4350	4350	159	161	161	17.1	17.3	17.3	93
Special request	850	33,9	28,8	4500	4575	4575	156	159	159	17.5	17.5	17.5	93
Special request	1000	34,4	34,4	5175	5250	5250	150	153	153	17.8	18.1	18.1	93
<b>Standard</b>	1050	34,6	36,3	5400	5500	5500	149	151	151	17.9	18.2	18.2	93

	mA	Advised PSU				Tuneable (2700-6500K*)	
		No dim	Dali	Triac	Casambi	Dali KGP	Dali eldoLED
Special request	250	CC36W150-900	CC36W150-900	x	142047	x	Dualdrive 562/A
Special request	300	145192	CC36W150-900	x	142047	CC44W300-1050	Dualdrive 562/A
Special request	350	145192	CC36W150-900	EC25CA-E1ZHP	142047	CC44W300-1050	Dualdrive 562/A
Special request	450	145192	CC36W150-900	x	142047	CC44W300-1050	Dualdrive 562/A
Special request	500	145192	CC36W150-900	EC25CA-E1ZHP	142047	CC44W300-1050	Dualdrive 562/A
Special request	550	145192	CC36W150-900	x	142047	CC44W300-1050	Dualdrive 562/A
Special request	600	145192	CC36W150-900	x	142047	CC44W300-1050	Dualdrive 562/A
<b>Standard</b>	650	145192	CC36W150-900	x	142047	CC44W300-1050	Dualdrive 562/A
Special request	700*	145192	CC36W150-900	EC25CA-E1ZHP	142047	CC44W300-1050	Dualdrive 562/A
<b>Standard</b>	800	145192	CC36W150-900	x	142047	CC44W300-1050	Dualdrive 562/A
Special request	850	145192	CC36W150-900	x	142047	CC44W300-1050	Dualdrive 562/A
Special request	1000	145192	CC44W300-1050	x	142047	CC44W300-1050	Dualdrive 562/A
<b>Standard</b>	1050	145192	CC44W300-1050	x	142047	CC44W300-1050	Dualdrive 562/A

\*2700-6500K only available for LED Panel B 595x595.

# Step 3: Choose your power supply



PSU 30W No dim KGP  
CC30W350-700



PSU 36W Dali KGP  
CC36W150-900 NFC\*



PSU 25W Triac eldoLED  
EC25CA-E1ZHP



PSU 38W Casambi  
TCI 127648 NFC\*



PSU 44W 2CH Dali DT8  
KGP CC44W300-1050



PSU 50W 2CH Dali DT8  
eldoLED Dualdrive 562/A



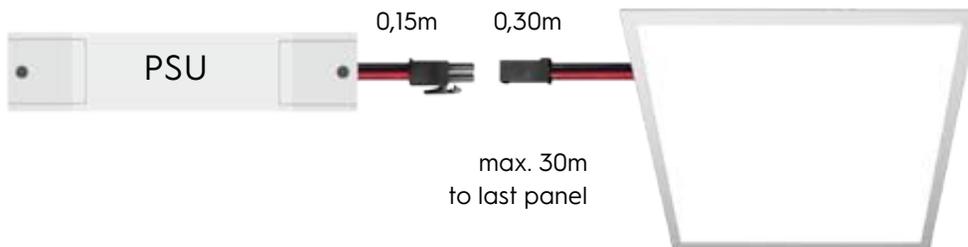
PSU 36W No dim  
KGP CC36W150-900 NFC\*



PSU 44W No dim  
KGP CC44W300-1050



PSU 44W Dali  
KGP CC44W300-1050



## ITEM SPECIFICATIONS

Driver types + LYC cable(s)	Supplier name	Item code	Watt	Max mA	Max Vf	Pf	Eff	Inrush current	B-16A Fuse
PSU 40W 650mA No dim TCI	145192	05TR03MLMA00	40W	300-1050	43	0,99	>90%	7A 13µsec	50 pcs
PSU 36W 650mA Dali KGP	CC36W150-900	05QB03MLMA00	36W	150-900	40	>0,95	88%	8,5A 16µS	59 pcs
PSU 25W 700mA Triac Eldoled	EC25CA-E1ZHP	05PZ03MLMA00	25W	350-700	36	0,99	85%	< 40mA²s	84 pcs
PSU 38W 650mA Casambi TCI	142047	05TU03MLMA00	38W	150-1050	54	0,95	>89%	5A 50µsec	50 pcs
PSU 44W 650mA 2CH Dali DT8 KGP	CC44W300-1050	05QV03MLMA00	44W	300-1050	45	>0,95	88%	<9.4A/16µS	53 pcs
PSU 50W 650mA 2CH Dali DT8 EldoLed	Dualdrive 562/A	05QT03MLMA00	50W	150-1050	55	>0,95	88%	< 100mA²s	80 pcs
PSU 40W 800mA No dim TCI	145192	05TS03MLMA00	40W	300-1050	42	0,99	>90%	7A 13µsec	50 pcs
PSU 36W 800mA Dali KGP	CC36W150-900	05PX03MLMA00	36W	150-900	40	>0,95	88%	8,5A 16µS	59 pcs
PSU 38W 800mA Casambi TCI	142047	05TV03MLMA00	38W	150-1050	46	0,95	>89%	5A 50µsec	50 pcs
PSU 44W 800mA 2CH Dali DT8 KGP	CC44W300-1050	05QW03MLMA00	44W	300-1050	45	>0,95	88%	<9.4A/16µS	53 pcs
PSU 50W 800mA 2CH Dali DT8 EldoLed	Dualdrive 562/A	05QU03MLMA00	50W	150-1050	55	>0,95	88%	< 100mA²s	80 pcs
PSU 40W 1050mA No dim TCI	145192	05TT03MLMA00	40W	300-1050	38	0,99	>90%	7A 13µsec	50 pcs
PSU 44W 1050mA Dali KGP	CC44W300-1050	05Q603MLMA00	44W	300-1050	45	>0,95	88%	<9.4A/16µS	53 pcs
PSU 38W 1050mA Casambi TCI	142047	05TW03MLMA00	38W	150-1050	36	0,95	>89%	5A 50µsec	50 pcs
PSU 44W 1050mA 2CH Dali DT8 KGP	CC44W300-1050	05P503MLMA00	44W	300-1050	45	>0,95	88%	<9.4A/16µS	53 pcs
PSU 50W 1050mA 2CH Dali DT8 EldoLed	Dualdrive 562/A	05P603MLMA00	50W	150-1050	55	>0,95	88%	< 100mA²s	80 pcs

All values are measured at 230V (+/- 7%).



**Illuxtron lighting**

**accessories**

**ILLUXTRON**

**EMERGENCY CONTROL**



**BATTERY PACK**



**LED INDICATOR**



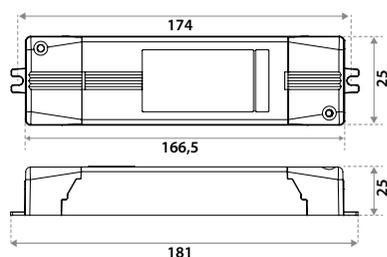
**Large downlights:** Indicator can be mounted into the rim of the downlight.

**Small downlights:** Indicator can be mounted into the ceiling next to the downlight

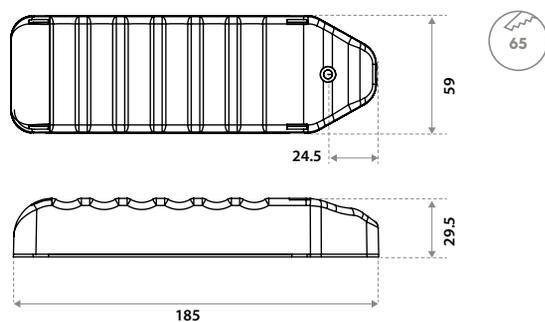
# Emergency pack

## DIMENSIONS

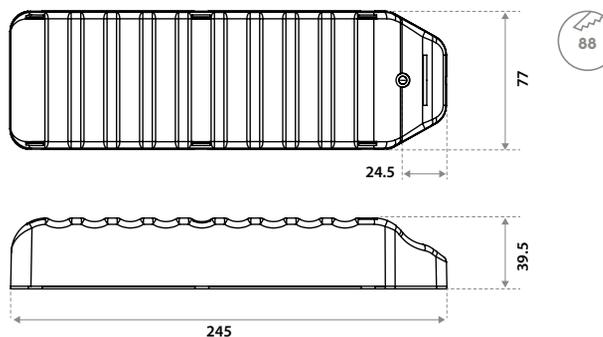
### Emergency control



### Battery Pack 1Hr



### Battery Pack 3Hr



## SPECIFICATIONS

Input Voltage	220-240V 50-60Hz
Emergency Wattage	2-4.5W
Safety Marks	EN 61000 / 61347 / EN61547
EMC compliance	EN55015
Operating temperature	0° - 45°C
Max. pcs for B16A	27 pcs
Inrush current	27A 250usec
IP rate	IP20
Environment	Indoor
Housing material	Polyamide
Expected Lifetime	4 years
Warranty	2 years
Battery type	Ni-Cd
Charging time	24 Hrs (max. 500x)
Length LED cable	350mm
Cut-out for Indicator	Ø 9mm
Indicator green	No action needed

DIP-SWITCH	DIP-SWITCH	Working voltage during emergency (V <sub>e</sub> )	Output current during emergency (I)	Power max. for LED modules
<i>Special request</i>	A	12 V cost.	200 ± 10%	24 W
<i>Special request</i>	B	24 V cost.	160 ± 10%	30 W
<i>Special request</i>	C	46 V cost.	60 ± 10%	50 W
<b>Standard</b>	D	9...58 V	200...30mA	-

**TCIE**

## ITEM SPECIFICATIONS

Description	Item code	Type	Battery capacity
EP 1Hr 4-P	185LVPS3EPI-4	incl. battery and lamp	7.2V -1.6 Ah
EP 3Hr 4-P	185LVPS3EP3-4	incl. battery and lamp	7.2V -4.0 Ah
EP 1Hr 5-P*	185LVPS3EPI-5	incl. battery and lamp	7.2V -1.6 Ah
EP 3Hr 5-P*	185LVPS3EP3-5	incl. battery and lamp	7.2V -4.0 Ah

All values are measured at 230V (+/- 7%). \*For use with Dali.



# Correction ring

The LED luminaire fits seamlessly into the correction ring, creating a natural, elegant look.

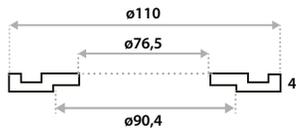
The correction ring can also be placed inside the ceiling to prevent the springs from damaging the ceiling panel.



## A. CORRECTION RING 75-110 MM

The correction ring is used in (retrofit) installations with existing cut-outs measuring 75-100 mm. For use with Fluxe 75 and Linea 75.

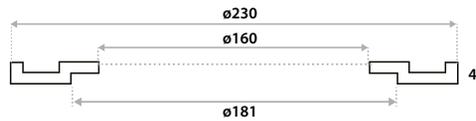
Item code	00BV03MW0000
Colour	Mat White RAL 9016
Type of material	Steel



## B. CORRECTION RING 150-230 MM

The correction ring is used in (retrofit) installations with existing cut-outs measuring 150-210 mm. For use with Linea DS-F 150.

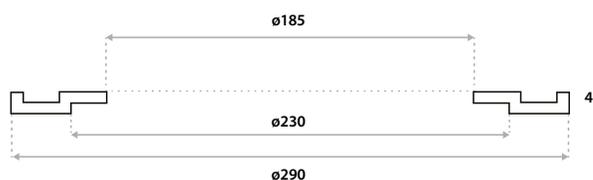
Item code	009703MW0000
Colour	Mat White RAL 9016
Type of material	Steel



## C. CORRECTION RING 185-290 MM

The correction ring is used in (retrofit) installations with existing cut-outs measuring 215-250 mm. For use with Linea 185.

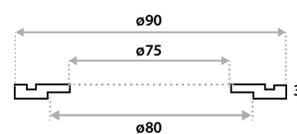
Item code	009403MW0000
Colour	Mat White RAL 9016
Type of material	Steel



## D. CORRECTION RING 80-90 MM

The correction ring is used to make the small rim a little bigger for easier installation. For use with Pointer 68 fix, Pointer Spot 68 adj and Strada 68.

Item code	00C903XX0000
Colour	Mat White RAL 9016 (XX=MW) Mat black RAL 9005 (XX=BL)
Type of material	Aluminium



CORRECTION RING

#### Accessible ceilings

Only if you can access the backside of the ceiling a second correction ring can be used to cover holes up to Ø 250 mm (sandwich solution).

#### Ceiling cut out

- A. = 75 - 100 mm
- B. = 150 - 210 mm
- C. = 215 - 250 mm
- D. = 75 - 80 mm

#### Correction rings

- A. = 75 - 110 mm
- B. = 150 - 230 mm
- C. = 185 - 290 mm
- D. = 68 - 90 mm



#### Non-Accessible ceilings

If the ceiling is not accessible for installing the second ring MIYO can make longer springs (minimum order of 50 units).

#### Luminaires to use with

- A. For use with Fluxe 75 and Linea 75.
- B. For Use with Linea DS-F 150.
- C. For use with Linea 185.
- D. For use with Pointer 68 fix, Pointer Spot 68 adj and Strada 68.

#### CUSTOM DIMENSIONS BY

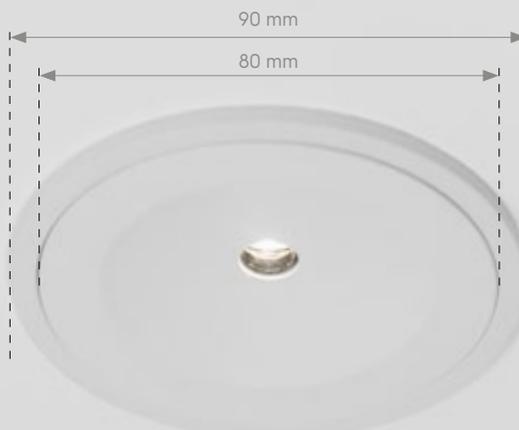
# MIYO

Make it your own.

Special correction rings can be made in any dimension up to 600mm, even with springs attached. Instead of stamping, they are produced by CNC machining to achieve an optimal design adapted to the inner luminaire rim. Minimum order of 50 units.

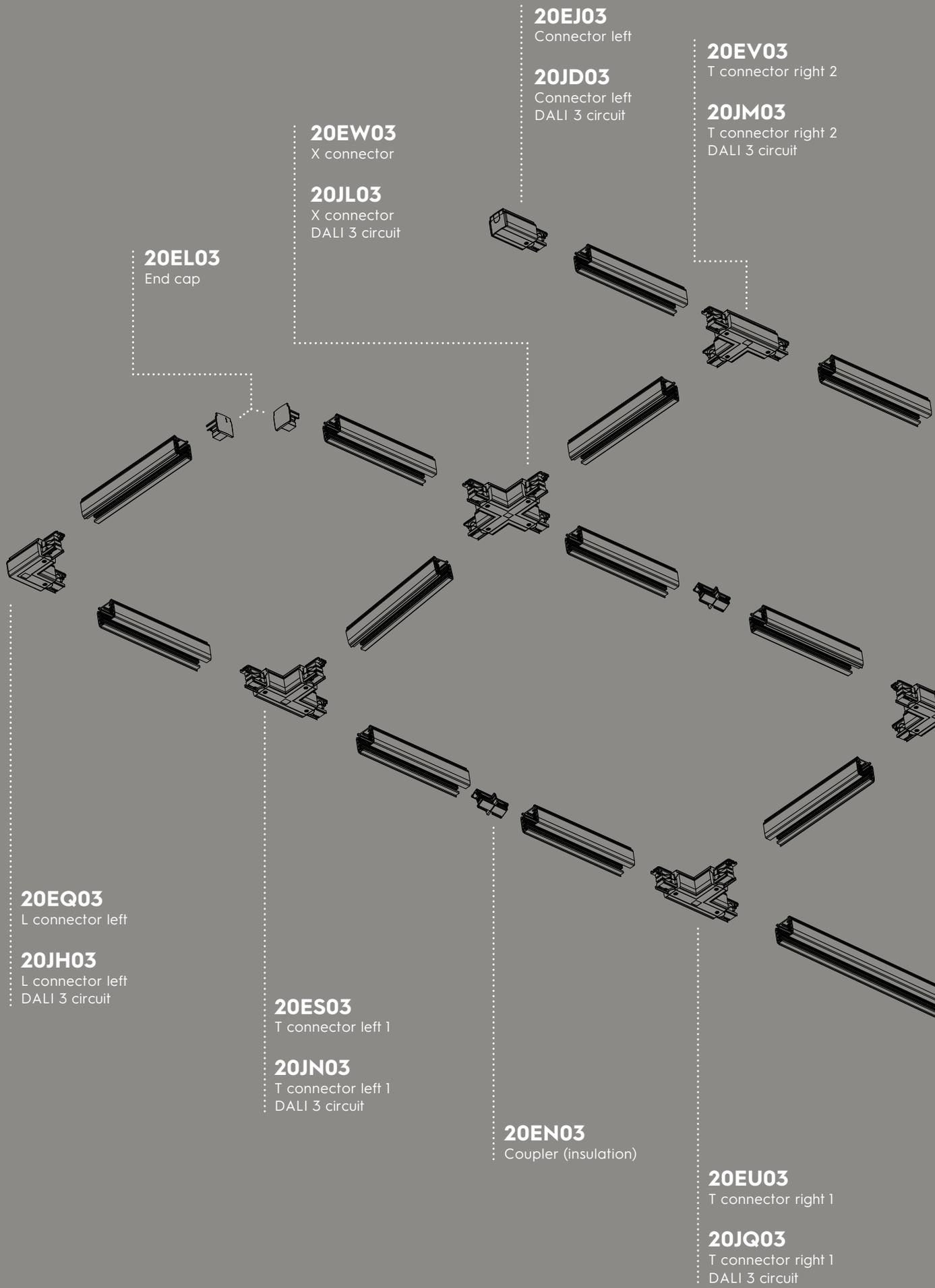
**Colour:** Any requested colour

**Type of material:** Aluminium



# Track system accessories diagram

TRACK SYSTEM ACCESSORIES DIAGRAM



**20EL03**  
End cap

**20EW03**  
X connector

**20JL03**  
X connector  
DALI 3 circuit

**20EJ03**  
Connector left

**20JD03**  
Connector left  
DALI 3 circuit

**20EV03**  
T connector right 2

**20JM03**  
T connector right 2  
DALI 3 circuit

**20EQ03**  
L connector left

**20JH03**  
L connector left  
DALI 3 circuit

**20ES03**  
T connector left 1

**20JN03**  
T connector left 1  
DALI 3 circuit

**20EN03**  
Coupler (insulation)

**20EU03**  
T connector right 1

**20JQ03**  
T connector right 1  
DALI 3 circuit

**20ET03**

T connector left 2

**20JP03**

T connector left 2  
DALI 3 circuit

**20EK03**

Connector right

**20JE03**

Connector right  
DALI 3 circuit

**20EP03**

Middle connector

**20JG03**

Middle connector  
DALI 3 circuit

**20ER03**

L connector right

**20JJ03**

L connector right  
DALI 3 circuit

**20EY03**

Adjustable connector

**20EM03**

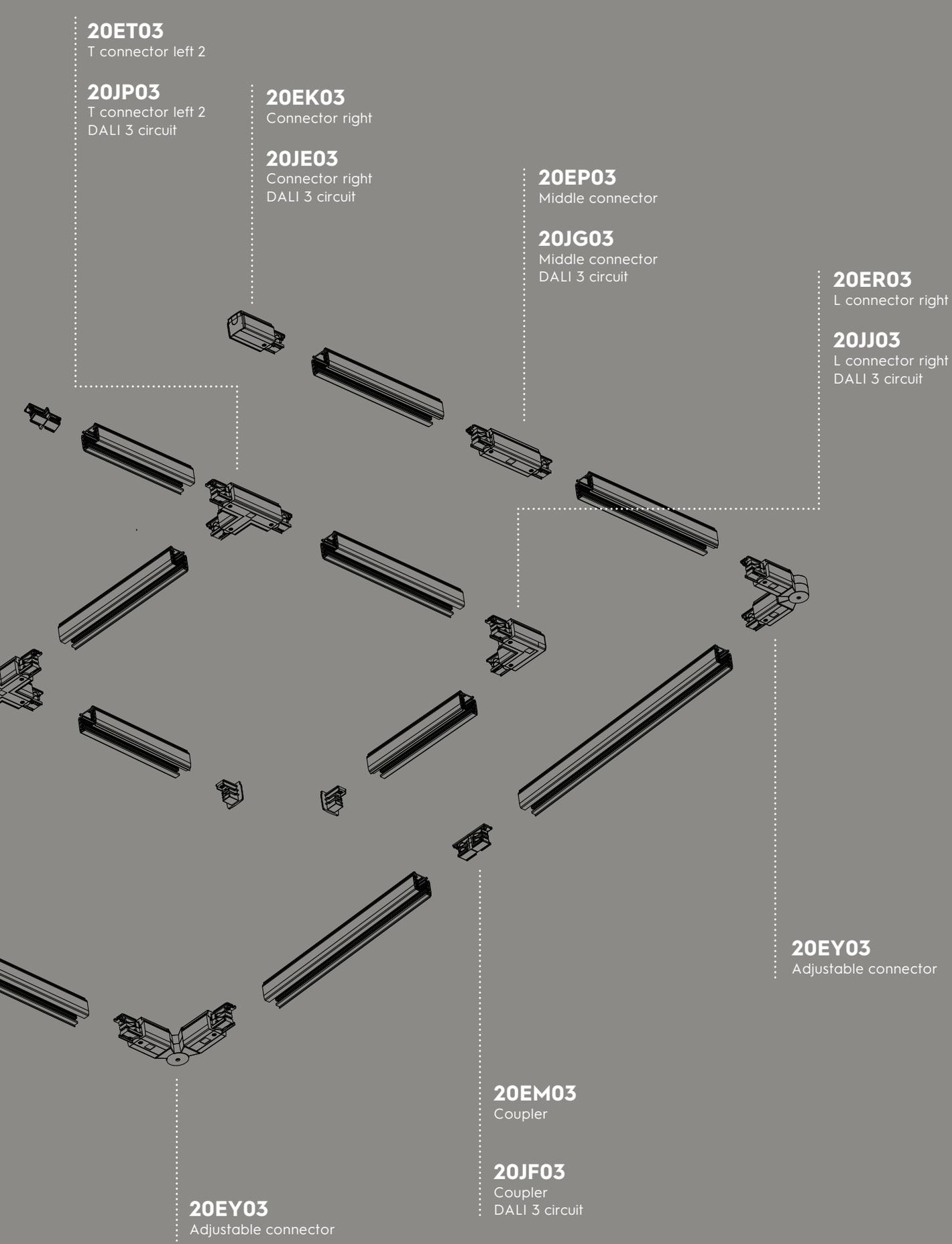
Coupler

**20JF03**

Coupler  
DALI 3 circuit

**20EY03**

Adjustable connector



# 48V Track system accessories diagram

## ODEQ03

L profile connector  
flat (left)



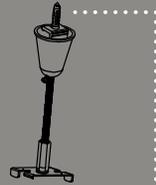
## ODHW03

Ceiling mount  
reinforcement  
with 3m wire



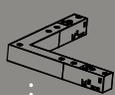
## ODHE03

Ceiling mount EZCLICK  
with 1m rod



## ODEM03

L connector



ACCESSORIES

## ODEF03

1 M 48V track

## ODEG03

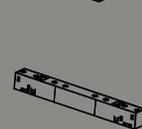
2 M 48V track

## ODEH03

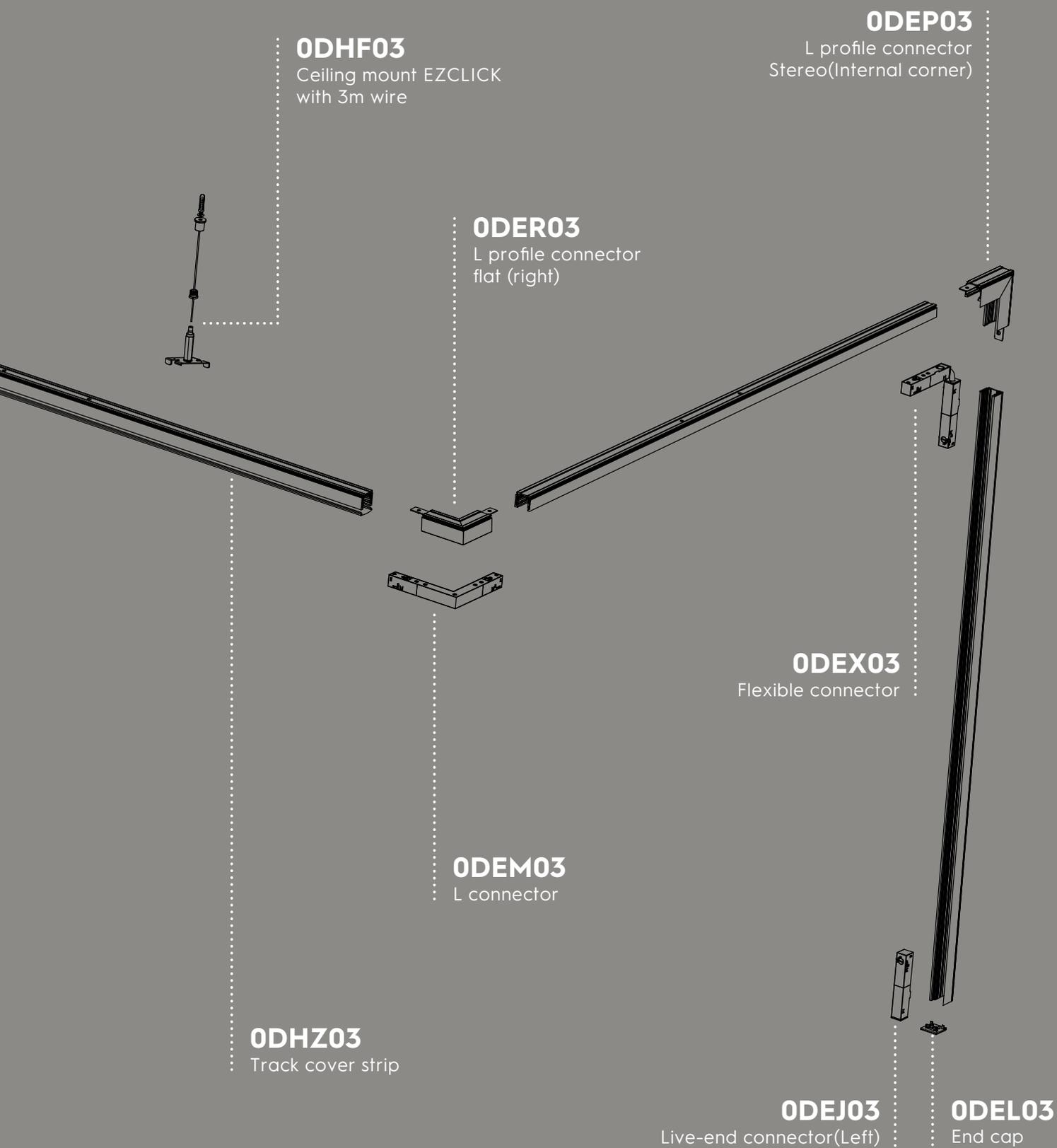
3 M 48V track

## ODEN03

I connector



48V TRACK SYSTEM ACCESSORIES DIAGRAM



**ODHF03**  
Ceiling mount EZCLICK  
with 3m wire

**ODEP03**  
L profile connector  
Stereo (Internal corner)

**ODER03**  
L profile connector  
flat (right)

**ODEX03**  
Flexible connector

**ODEM03**  
L connector

**ODHZ03**  
Track cover strip

**ODEJ03**  
Live-end connector (Left)

**ODEL03**  
End cap

# LED panel accessories

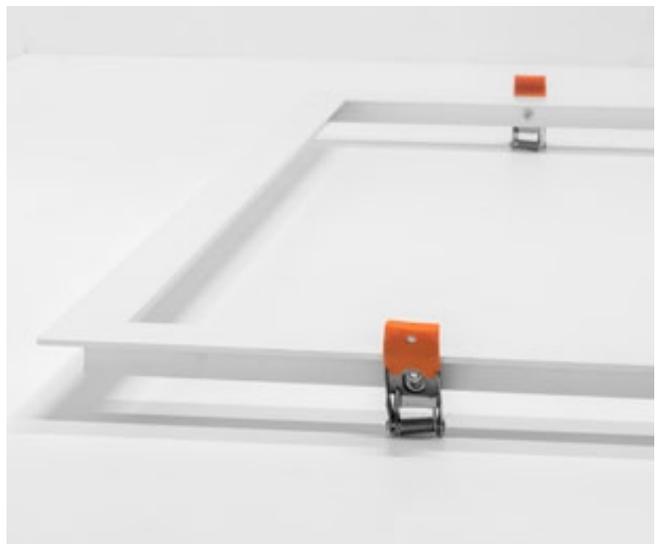
LED Panel B / Cortina



LED PANEL B / CORTINA

## Surface mounting frame

Colour	White
Description	Surface mounting frame
Dimension	600x600x65 mm
Item code	001K03MW0102
Type of material	Aluminium



## Pendant kits

Colour	Chrome
Description	Pendant set (4x 1,0m)
Item code	001K03000402
Type of material	Steel wire

## Recessed frame

Colour	White Ral 9016
Description	Recessed frame
Dimension	634x634 mm
Cut-out	620x620 mm
Item code	001K03MW0002
Weight	540gr
Type of material	Steel



\*Sensor in SAPP ceiling.

SENSOR INTEGRATION

# Helvar Sensor integration & support

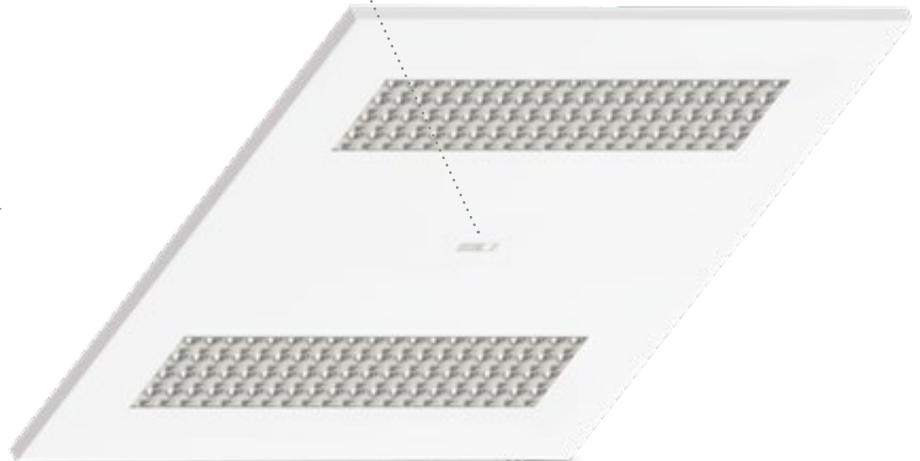
## INTEGRATING SENSORS INTO LIGHTING OR SAPP CEILINGS

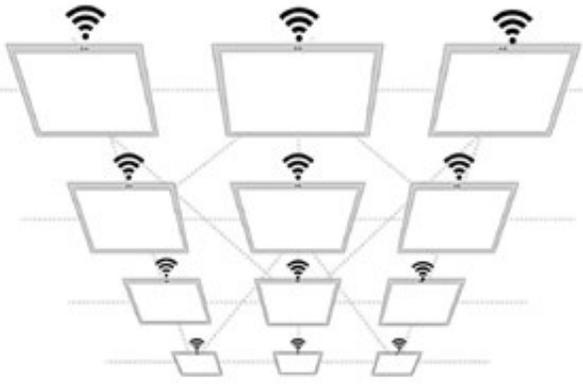
The most common sensors are motion and daylight sensors. However, the sensor can also collect other types of data.

It is even possible to split a building's energy bill into different users.



Luminaire with integrated sensor available through MIYO.





## MESH NETWORK

- Provides valuable data within a building (including room usage)
- Efficient installation and perfect for renovations

## ENERGY SAVINGS

45%

Up to 45% of a building's total energy consumption is due to lighting.

60%

Using motion detection can save up to 60% energy.

20-40%

Implementing daylight control in an office environment can save 20-40% energy.

## INTELLIGENCE

Lighting is the most intricate network in a building. It is the perfect system for collecting data through sensor integration.

Self-learning systems ensure rapid commissioning.

Settings can be automatically optimized, resulting in an efficient and sustainable system.

## LEGISLATION

The most important lighting management standards we regularly encounter in the Netherlands are:

- BREEM
  - LEED
  - WELL
  - EPBB
  - NOC\*NSF (national)
  - Fresh Schools (national)
- National requirements may vary by country

## HEATMAP VISUALISATION



## COLLABORATION WITH SPECIALIZED PARTIES

With today's demands, lighting management has become a specialization in itself. That's why Illuxtron is happy to collaborate with specialists like Helvar to integrate sensors into its lighting. By working together, we can also explore additional benefits, such as being able to power two or more fixtures from a single power supply.

## ABOUT HELVAR

- Global organization (NL: 45 people and 40% market share)
- Support in consulting, preparation, commissioning, and support.
- Extensive knowledge of Dali
- Strong in hybrid lighting management (combination of wired and wireless systems)
- Integration with other building management systems (e.g., alarm systems)

# GST18 system 16A

## GST18 Plug & Play Solutions (Assembled to driver)



GST18 CABLING ON REQUEST



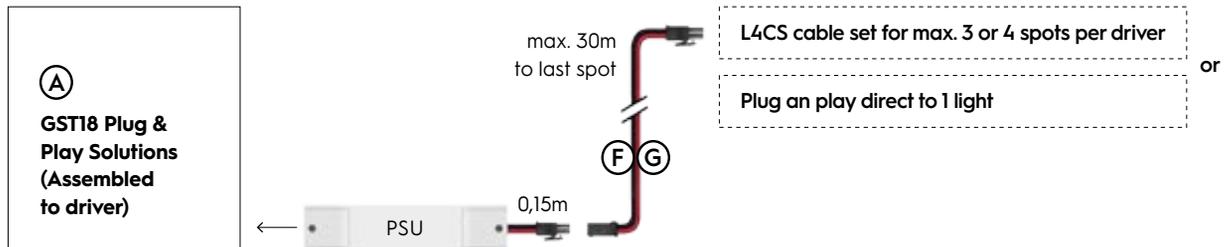
Possibility to add special cables to the luminaries/power supplies. For other types of cables (not mentioned in the table) ask our sales department.

PLUG & PLAY / DISTRIBUTOR

## PLUG & PLAY CABLE SYSTEM 3/5P

### FEATURES

- Professional 16A Plug & Play system
- 3 or 5 wire system
- Widely spread in lighting market



## ITEM SPECIFICATIONS

Description	Class	Length	Item code
(A1) Euro plug incl. cable	II	2.0 m	015203BL1200
(A2) Schuko plug incl. cable	I	1.5 m	1C5203BLA000
(A3) UK plug incl. cable	II	2.0 m	0A5203BL1200
(A4) 3P GST18 male incl. cable 2x0,75mm <sup>2</sup>	II	0.3 m	455203BL0000
(A4) 3P GST18 male incl. cable 2x0,75mm <sup>2</sup>	II	3.0 m	455203BL1500
(A4) 3P GST18 male incl. cable 3x0,75mm <sup>2</sup>	I	0.3 m	4A5203BL0000
(A4) 3P GST18 male incl. cable 3x0,75mm <sup>2</sup>	I	3.0 m	4A5203BL1500
(A5) 5P GST18 male 1-10V/Dali incl. cable 4x0,75mm <sup>2</sup>	II	0,3 m	655203BL0000
(A5) 5P GST18 male 1-10V/Dali incl. cable 4x0,75mm <sup>2</sup>	II	3,0 m	655203BL1500
(A5) 5P GST18 male 1-10V/Dali incl. cable 5x0,75mm <sup>2</sup>	I	0,3 m	6A5203BL0000
(A5) 5P GST18 male 1-10V/Dali incl. cable 5x0,75mm <sup>2</sup>	I	3,0 m	6A5203BL1500
(A6) BST14i male Dali incl. cable	III	0.5 m	095203BL0000
(A6) BST14i male Dali incl. cable	III	3.0 m	095203BL1500
(A7) 3P GST18 T-splitter male incl. cable	II	0.2 m	459203BL0000
(A7) 3P GST18 T-splitter male incl. cable	I	0.2 m	4A9203BL0000
(A8) 5P GST18 T-splitter male 1-10V/Dali	I / II	x	659203BU0000
(A9) BST14i T-splitter male 1-10V/Dali incl. cable	III	0,2 m	099203BL0000

# Distributor system 2,5A

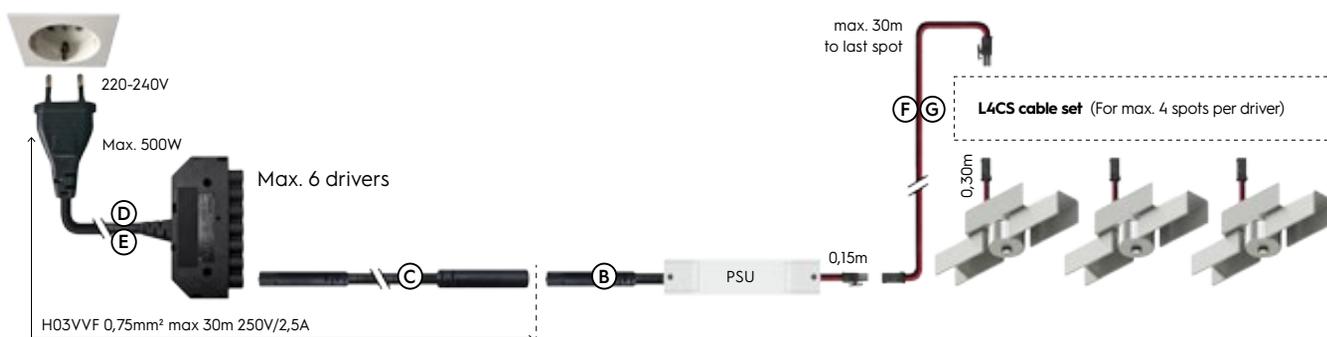


## DISTRIBUTOR SYSTEM 2P\*

\*Not for Dali

### FEATURES

- Basic 2,5A Plug & Play system
- 2 wire system
- Not available for Dali



## ITEM SPECIFICATIONS

Description	Specification	Class	Length	Item code
B 2P Plug 0,15m *	HV 0,15m male (0,75mm <sup>2</sup> )	II	0,15 m	615203BL1B02
C 2P Extension cable	HV Ø7,6mm 2m m/f (0,75mm <sup>2</sup> )	II	2,0 m	6F5203BL1202
D 2P Distributor 6x + Europlug	HV Ø7,6mm 6x + cable 3m 2,5A	II	3,0 m	665203BL2502
E 2P Distributor 6x + GST18 3P	HV Ø7,6mm 6x + cable 3m 2,5A	II	3,0 m	665203BL1502
F L4CS Extension cable 2m	LV 2m m/f (0,34mm <sup>2</sup> )	II	2,0 m	6B5203BL1202
G L4CS Extension cable 10m	LV 10m m/f (0,34mm <sup>2</sup> )	II	10,0 m	6E5203BL1202

\*Assembled to driver, not for Dali drivers.

# Re-Fit Retrofitting of linear lighting

Energy efficient  
with best  
light quality

Plug & play  
Simple mounting  
with magnetic clips

Due to the phase-out of conventional light sources (T5, T8), a solution was developed that enables existing grid luminaires to be converted and used further. We offer Re-Fit Sets with the latest LED technology and guarantee simple and safe handling.

## FULLY CERTIFIED LED LIGHT SOURCE

Fully certified LED light source in accordance with ENEC standard (CE, ENEC, UL, EN, etc.). Flawless product situation in terms of standards, liability and

warranty. In contrast, the situation with LED tubes is always critical and contentious in terms of the warranty. When retrofitting LED tubes, the electrician must issue a new CE declaration of conformity for the retrofitted light source.

## RESILIENCE TO GRID FLUCTUATIONS

Convert the buffering for a longer service life (LED module not directly connected to 230V/50Hz) 70,000 h L80B10.

## FLICKER-FREE

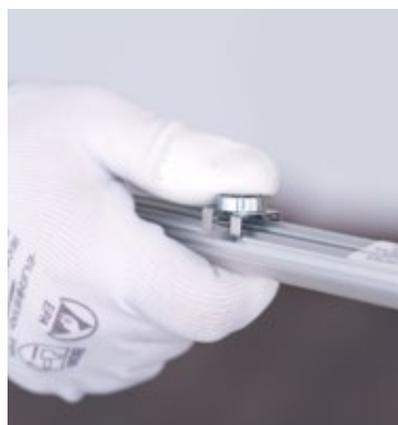
No blanking intervals as LEDs are not directly connected to 230V/50Hz.

## TOP COLOUR RENDERING

And excellent viewing comfort thanks to CRI92.

## FEATURES

- Ideal for retrofitting fluorescent tubes
- Plug-and-play solution with a cinch connection system
- High efficiency achieved through light control and integrated heat dissipation
- Excellent illumination provided by a combination of SMD LEDs and innovative optics
- Safe operation with safety extra-low voltage
- Simple installation with fixing plates
- Moisture protection is ensured by sealing the modules
- End caps made of durable PBT and secured with screws
- Dimmable feature available
- Light colour options: 2700K, 3000K, and 4000K





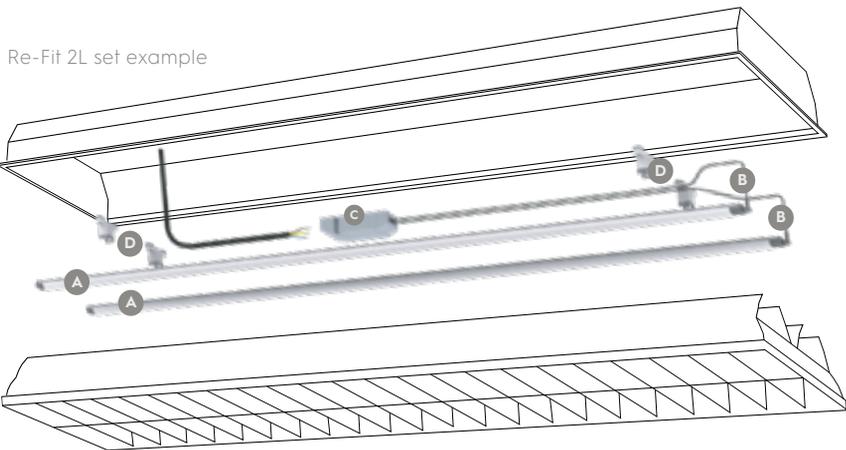
The existing luminaire housing can remain. No structural measures on the ceiling required.

**RE-FIT SETS UP TO 4L**

Re-Fit 1L set example



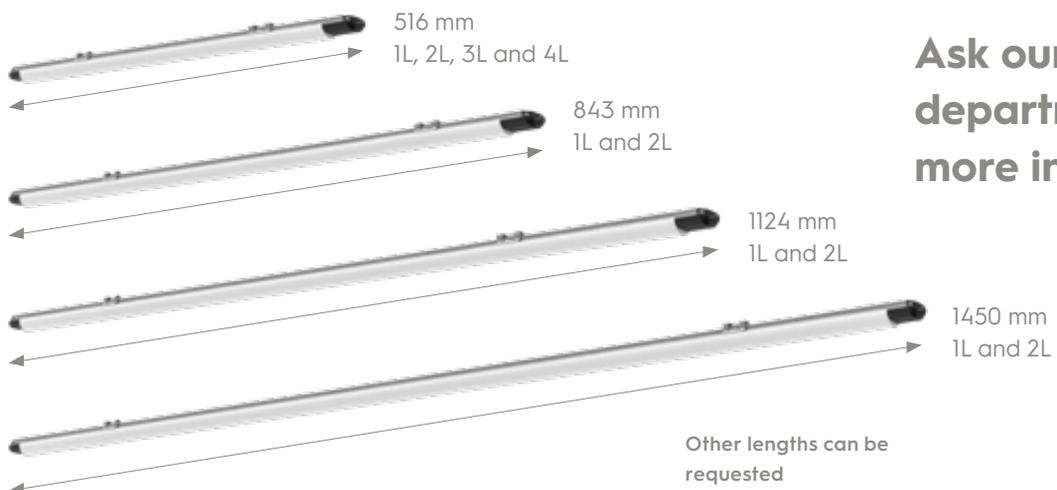
Re-Fit 2L set example



Scan this QR for an installation video.

- A Re-fit luminaire
- B Feeder cable
- C PSU
- D Mounting holder(s)

**LENGTHS**



**Ask our sales department for more information!**

# Definitions and abbreviations

HV-FD	High Voltage Flicker-free Dimming (driverless)
LV	Low Voltage (constant current) incl. PSU
LV-HE	Low Voltage (constant current) incl. PSU - High Efficient phosphor technology
LVC	Low Voltage (constant current) excl. PSU
LVC-HE	Low Voltage (constant current) excl. PSU - High Efficient phosphor technology
L4CS	Lighting for Ceiling Solutions excl. PSU
PSU	Power Supply Unit
LV-DTW	Low Voltage (constant current) incl. PSU - Dim To Warm
LV-TW	Low Voltage (constant current) incl. PSU - Tunable White (2-channel)
HCL	Human Centric Lighting - Visual system, usually not focused on health claims
BCL®	Biocentric Lighting - Besides visual also focused on health claims (BCL® is registered by Brainlit)
m-EDI	Melanopic Equivalent Daylight Illuminance (space quality)
m-DER	Melanopic Daylight Efficacy Ratio (effectiveness of the spectrum of the luminaire)
Vf	Forward Voltage (Driver required which can handle this Vf)
CS	Supplied with concrete springs to be installed in concrete or gyproc ceilings (metal only with the right thickness). See page 44.
GS	Supplied with gyproc springs to be installed in gyproc ceilings (metal only with the right thickness). See page 44.
WS	Supplied with wire springs to be installed in gyproc and metal ceilings. See page 44.
COB	Chip On Board
UGR	Unified Glare Rating
CRI	Colour Rendering Index
PIR sensor	Motion sensor
AC LED	High Voltage LEDs (230V products)
DIP-switch	Manual adjustable switch (Dual in Line)
IP rate	Ingress Protection rating (water and dust protection)
IK rate	Impact protection rating
Efficacy	The actual lumen output in relation to the incorporated power system
Pf	Power Factor
W	Watt
K	Kelvin
MW	Colour: white
BL	Colour: black
EMC	Electromagnetic Compatibility
Tj	Junction Temperature
Ta	Ambient Temperature
Tc	Contact Temperature
Lm	Lumen





Edition 20260227.

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Our sales department is always at your service for any questions or for support.  
[sales@illuxtron.com](mailto:sales@illuxtron.com) · +31 (0)85 773 63 60

Illuxtron International BV

Mercuriusweg 19

4382 NC Vlissingen

The Netherlands

[info@illuxtron.com](mailto:info@illuxtron.com)

+31 (0)85 773 63 60

[www.illuxtron.com](http://www.illuxtron.com)



