

# Lighting

# Guide

2023

ILLUXTRON®

# Dear valued partner, dear lighting enthusiast,

Reliability is vital for our company. In our lighting solutions, operations, and delivery, we strive for reliability. However, we could only achieve this with the help of our loyal suppliers, who prioritised our supplies throughout last year's crisis. Our sincere gratitude goes out to all our trusted suppliers. We were able to provide you with reliable delivery times because of them. As a result of our careful planning in the interim and the size of our current inventory, you can expect prompt deliveries going forward.

Another big challenge in the current economy has been the ongoing price hikes. Last year, we made a conscious decision to keep our pricing as consistent as possible. We will, regrettably, be forced to implement a price increase this year due to various cost increases.

Two unforeseen quality issues were identified over the course of last year. Since the end of 2021, no new Pointer series (Gen2) spots have been returned. Due to numerous upgrades, this series has grown to be incredibly dependable and will last far longer than the 7 years covered by our warranty.

We have made a lot of improvements to our High Voltage series since its launch in 2012. Sadly, during 2021, we also noticed an increased failure rate in one of our new electronic circuits. This issue was resolved at the start of 2022, and the defect rate has now dropped to extremely low levels.

Thanks to all the experiences we have gained, we have been successful in creating a new HV-FD variant where the electrical circuit is built so reliably that it is also resistant to major pollution on the power grid. In the past six months, not a single spot has been returned.

We also hosted open-door days at our new premises for our dealers during the summer. We discovered that a lot of customers were impressed by our fifty years of experience and passionate approach. We have a great deal of confidence in the future and wish to welcome you as a partner for a long time to come. We deeply appreciate your trust in our company.

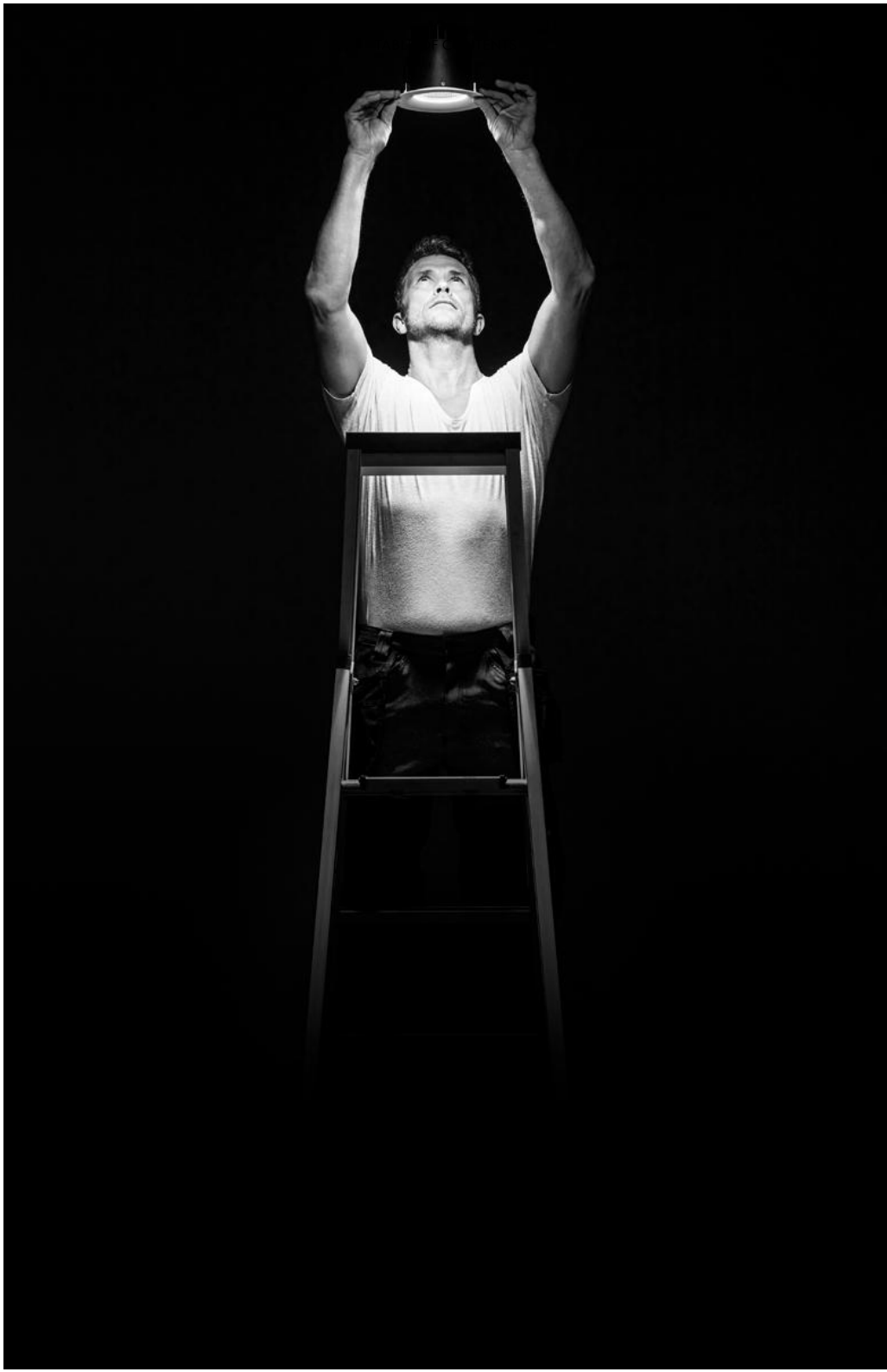
Kind regards,

Quinten van de Vrie  
Chief Technology Officer / General Director

# What's new and improved in 2023

- This year, we are excited to introduce our new Cortina series. With a contemporary design, this product has the same wide beam angle as diffuser panels. Various elongated variants are also available.
- Because not a single spot failed in 2021, the Pointer series' (Gen2) reliability performed above and beyond our expectations. The Pointer series has also been expanded with several interesting versions (1L and 2L Surface-mounted versions, Recessed spotlight, and a Track spot).
- Last year, we improved the HV-FD versions' robustness yet again and, they were able to withstand conditions where the power quality of the electricity net was very poor.
- Many of our IP44 downlights have been upgraded at the front to IP65 protection. In addition to this change, we are also pleased to introduce the Strada IP65, which offers IP65 protection for the driver, the backside, and the front as well.
- The MIYO section's back has an almost endless possibilities of things that can be customized. If you have any product or lighting issues, call our MIYO representatives, and you'll be amazed by their creative and inventive solutions.
- In case you didn't know, MIYO recently created a wide range of special products for one of the big tech companies. The section about MIYO contains some examples.
- Last but not least, we are also launching a stunning new Illuxtron website that matches the style of our catalogue.

If you have any questions please feel free to contact us at [sales@illuxtron.com](mailto:sales@illuxtron.com)



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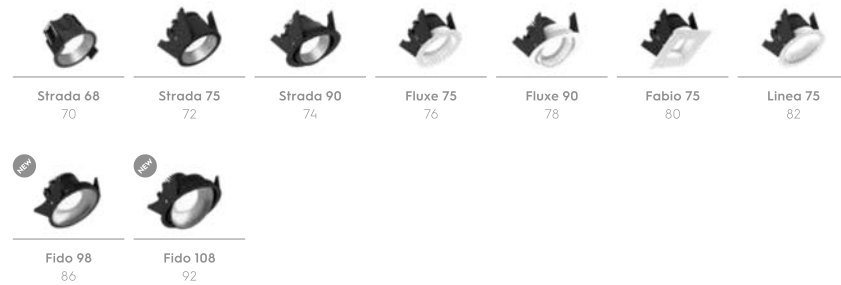
**Downlights (mini)**



**Pointer Spots**



**Downlights (small)**



**Downlights (large)**



**Sensor equipped lights**



**Ceiling lights**



**Wall lights**



**Trackspots**



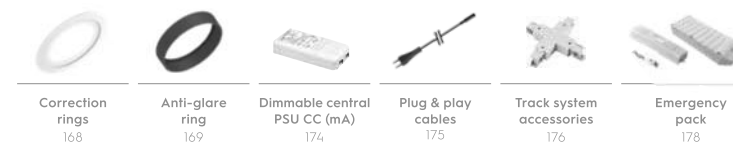
**Recessed for modular ceilings**



**Eyeleds**



**Accessories**



## Shine a different light on your lighting challenge

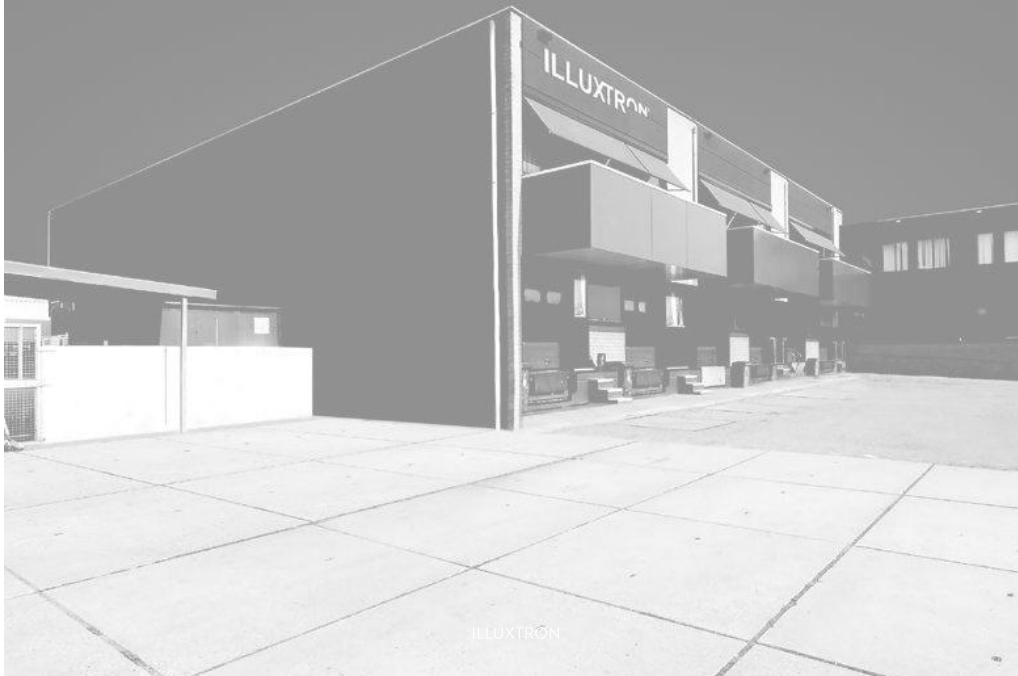
With 50 years of knowledge and experience within the lighting industry, we have grown into a leading international manufacturer of high-quality LED lighting products and solutions. It is, therefore, no coincidence that an increasingly large group of customers choose lighting products from our collection for their projects.

Whether it concerns the perfect illumination of products in a showroom, good lighting for a meeting room, or realizing a well-lit, safe entrance to a hospital. Our varied collection of more than 10,000 lighting products gives a completely new perspective on what is possible with light. Get inspired by our catalogue or view our collection. Would you like some free advice about the best lighting solution for your project? Or are you curious about the possibilities of a customized lighting plan? Contact one of our team members, we are more than happy to help!

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



We keep a close eye on global lighting trends. We aim to stay ahead of our competitors by continuously improving our products as well as launching totally innovative lighting solutions. At the same time we focus on ease of installation and user-friendliness. Before launching new products, we test them extensively in our laboratory. Our technical advisers and engineers determine whether the products or product improvements meet our high quality requirements. The benefit to our clients is our low product failure rate of under 0.5%.

We produce our materials using our self-designed moulds. We take due care every day to offer the highest possible quality. Multiple visual checks and 30-minute operational tests ensure the reliability and quality that our clients count on. Our production engineers closely supervise the production process in our production facilities, enabling us to guarantee quality and to offer a 7-year warranty\* on our products.

This is what makes Illuxtron International a reliable partner for any LED project.

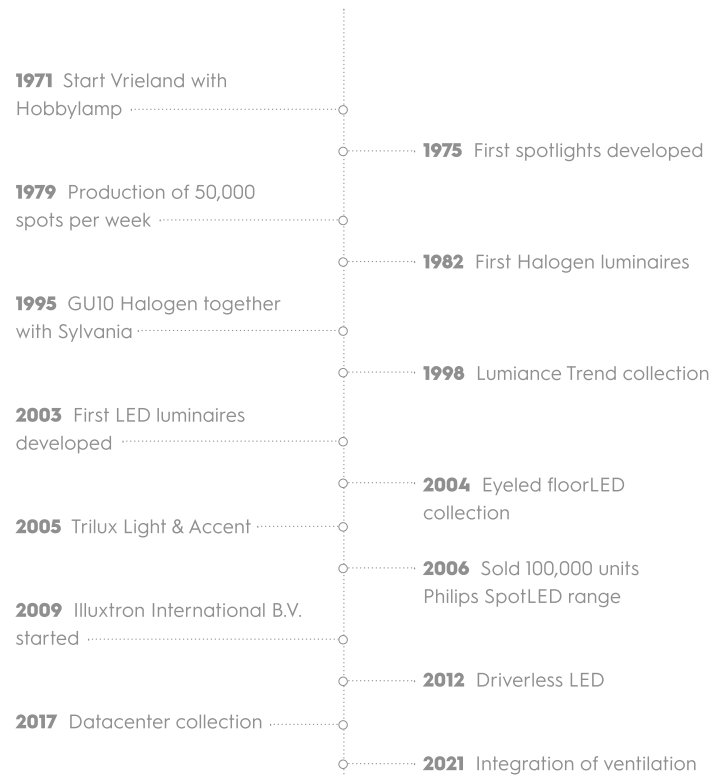
\*Except voor Eyeleeds (5 year) and Emergency Pack batteries (2 year).  
Please read our warranty conditions for more information.



All Illuxtron products are manufactured in the Netherlands, enabling us to monitor the production process closely. We strive to produce technically outstanding products that cause minimal damage to the environment.

The world of LED technology holds no secrets for the Illuxtron International team. We bring together the best qualities at a global level. Our designs and accompanying technologies are outlined and drawn by our R&D department. Our A-brand partners, with whom we maintain regular contact, then manufacture our materials. Of course, we always make sure we meet European quality standards. Finally, all luminaires are assembled and inspected in our manufacturing facilities. This approach results in a cost-effective manufacturing process that maintains high quality.

# 50 years of History



## Timeline



Quinten sr.



Quinten jr.

## Characteristic products



1971

### → Hobbylamp

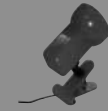
Later followed by a magnifier version  
Sold more than 1,000,000 pcs



1974

### → Stekkerspot

Luminaire to plug in a wallsocket



1978

### → Clampspot E14

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



1981

### → Sweazy

Tablelamp 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 commercial market



2003

### → Eyeleds

6.5mm floorLED to build in different flooring materials



2005

### → SpotLED

First LEDspot in high volume.  
Developed for Philips.



2011

### → SensorTune

50mm module with integrated PIR sensor



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

### → Pointer spot SM 2L

# Our product families



## Design family - Linea



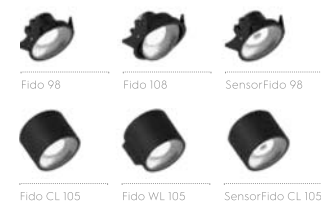
## Architectural family - Strada / Vector



## Pure family - Fluxe / Cylinder



## Fido family



## Pointer family







## Reliable as a matter of course

Our lighting solutions excel in design and ease of installation, but also in operational reliability and service life. Illuxtron luminaires have an average lifespan of no less than 70,000 burning hours. Compare that with the meager 2000 burning hours of a traditional light bulb. For the average office environment, this means that you can enjoy your Illuxtron fixture for almost 20 years.

Just as you can rely on the excellent quality of our lighting solutions, you can also rely on our people as well. We don't like

"fancy talk". What we promise, we do. If a problem should ever arise with your Illuxtron lighting, our team will do everything possible to find the cause and offer you a suitable solution.

Defective products are carefully analyzed by our engineers. The valuable insights this yields will be used to optimize the product even further. This prevents a similar defect in the future. As a result, we are able to achieve an exceptionally low failure rate of only 0.5%. That equates to 1 in 200 luminaires.

Our lighting products are made from high-quality parts and elements, sourced from renowned suppliers worldwide. We take care of the assembly ourselves at various local sheltered workshops. Finally, each product is subject to one last visual and technical inspection prior to dispatch. You couldn't wish for more certainty when it comes to quality.



## Sustainable down to the fiber

We believe it is important to work with respect for people, the environment, and nature. Every day we try to contribute to a better world in various ways. One way we achieve this is by exclusively developing lighting solutions based on energy-efficient LED technology.

Every day, we try to keep the impact on the environment in mind when making choices. We select our suppliers partly on the extent to which they use sustainable materials. Internally, we are doing everything we can to reduce our

own carbon footprint even further. This year, our goal is to eliminate the use of packaging plastic completely.

Contributing to a better world starts at the design table. When creating new designs and improving existing products, we are concerned about what will happen to our luminaires at the end of their life span. We strive for a collection that is as circular as possible.



# Inventive based on pure passion

If there is one aspect that predominates our family business, it is inventiveness. With half a century of experience in developing smart lighting solutions, pure passion for inventiveness is what drives us. It is without a doubt the common thread that runs through our company DNA.

Decades ago, Illuxtron came up with the idea of incorporating LED lighting on floors and other forms of ground cover. The introduction of a built-in motion detector in a lighting spot followed later and

we are now working on a product that combines lighting with ventilation.

Whether it concerns the creation of new lighting applications or the substantial reduction of installation time; we try to shed new light on things that others take for granted. This focus on innovation is one of the most important reasons why many of our customers have been loyal to Illuxtron for decades.

# Human with an eye on each other

It is our passion to develop and manufacture stylish and reliable lighting products. This is only possible thanks to the commitment and drive of our team. We, therefore, offer them the opportunity to bring out the best in themselves and each other, in order to develop even further.

Starting from the design by our engineers, then on to assembly in our sheltered workshops, and finally the shipping of our products. This exemplifies the way Illuxtron works. After all, only together will we achieve the best result. This vision is also reflected in the way we cooperate with our customers. We firmly believe in partnership. Open, constructive, and with attention. Business certainly revolves around people.

## Downlights (mini)



### 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 Fabio 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 Fabio 35 reflector.

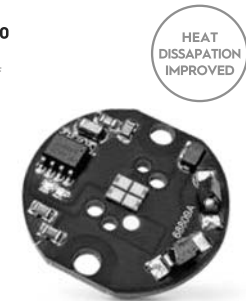


### PERFECT LIGHT COLOUR

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.



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# Bartenbach 'Dark Light' technology

BARTENBACH

### 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.

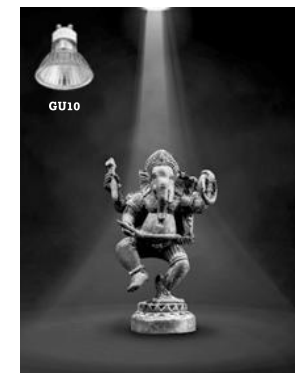
### REFLECTOR

The reflectors developed in collaboration with Bartenbach feature high-reflection facets that allows us to guarantee 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 on front glass

### BEAM 24°



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

### BEAM 40°



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

**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°.



**POINTER SPOT TRACK 48V**

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.

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 that have unique lenses with 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 a possibility to present a room like they have never been able 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 that the beam will be reflected into an hourglass shape. The neck of the hourglass beam angle falls precisely through the opening of the downlight. The beam angle is here at its narrowest and therefore the light emitting surface of the Pointer downlights are 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. The room is perfectly illuminated, but you can't see the light points. This gives a clean and relaxed effect in rooms that are equipped with Pointer downlights.

## Pointer



Pointer 40 62    Pointer 68 64



Pointer 68 adj 66

## Pointer Spot



Pointer Spot 75 68    Pointer Spot SM 1L 68    Pointer Spot SM 2L 68



Pointer Spot Track 3F 68



Pointer Spot Track 48V 68

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

Patented system  
8 mm

Adjustment option Pointer 68 adj  
350°

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

Adjustment option Pointer 68 adj  
35° 35°



Pointer 40, 375 Lm, 35°  
Sharp beam angle developed by  
Bartenbach where practically all of  
the light is within the beam.



Fluxe 75 600Lm 80°  
Standard downlight where  
a lot of the light spread all  
over the room.

## Downlights (small)



Strada 75 72    Strada 90 74    Fluxe 75 76    Fluxe 90 78



Fido 98 86    Fido 108 92    Fabio 75 80    Linea 75 82



Fido CL 105 130    Vector CL 100 132    Cylinder CL 100 134



Fido WL 105 146



# High Voltage Flickerfree Dimming technology (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%.

### FLICKERFREE PATENTED DIMMING TO 0.1%

The minimum and maximum dimming levels are dependent on the quality of the dimmer. With a good quality dimmer, it is possible to achieve/attain 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



The HV-FD technology is perfectly suited to replace Dali cabling with wireless controls, as well as being coupled to a building management system.

### LOW INRUSH CURRENTS

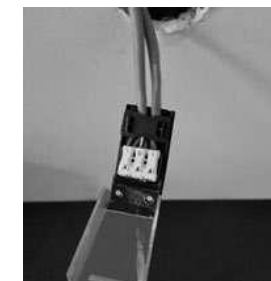
While most power supplies have a high inrush current (e.g. >5 Amps), our high voltage solution has a maximum of 100 mA (incl. soft-start). With this low (almost negligible) inrush current, the number of luminaires per group, or per dimmer, is no longer determined by the inrush current but rather by the 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 the electronic components against high voltage spikes (surges) from the mains. These can be caused by switching inductive loads near the luminaires or by atmospheric discharges such as lightning strikes.

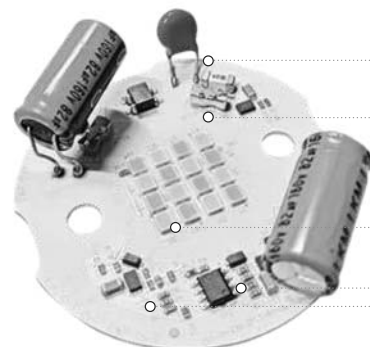
### EASY INSTALLATION

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**



### HV-FD 600 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

### FLICKERFREE PERFECT FOR VIDEO SHOOTS

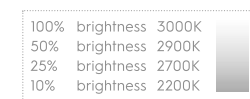
It's important to have little to no flicker effects when recording video, where the images are cut with several black lines and it is not possible to shoot the video properly.



### FLICKERFREE 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.

### WARM DIM VERSION AVAILABLE

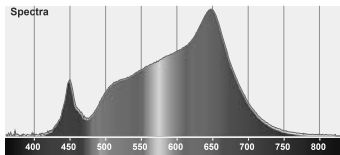


When dimming the light down, the light becomes warmer just like an incandescent lamp.



LV TECHNOLOGY

# Low Voltage technology (LV)

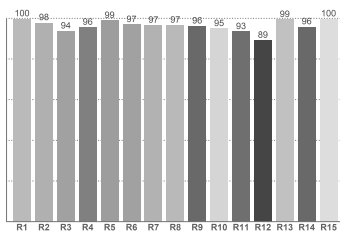


### HIGH EFFICIENT CRI 97\*

The new CRI standard is comparable to Sunlike and Xicato but with greater efficiency. The colourpoints of the LEDs stay on the black body line and are optimized according to the new TM30 standard where saturation, red value (R9) and skin tone colours are taken into account.

*\*Also available in CRI80 for highLM/W applications*

CRI: 97.0 (R1-R8)



CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	COQS
3000 K	97.0	96.2	95.0	103.3	95.1



**LV 1250 LM**

○..... COB module

Wide variety of LEDs available, see page 34.

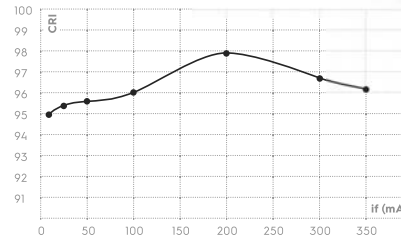
### DIM TO WARM 1800-3000K

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

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

As well as Bluetooth Low Energy, the Casambi technology provides a mesh network where the intelligence of the system is replicated in every node. This creates a system with no single point of failure. Such self-organizing, 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 kind of fully distributed and symmetric architecture, any unit can go offline and catch up from the others when they return back 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 for user interface configurations to be sent or recalled from the cloud.



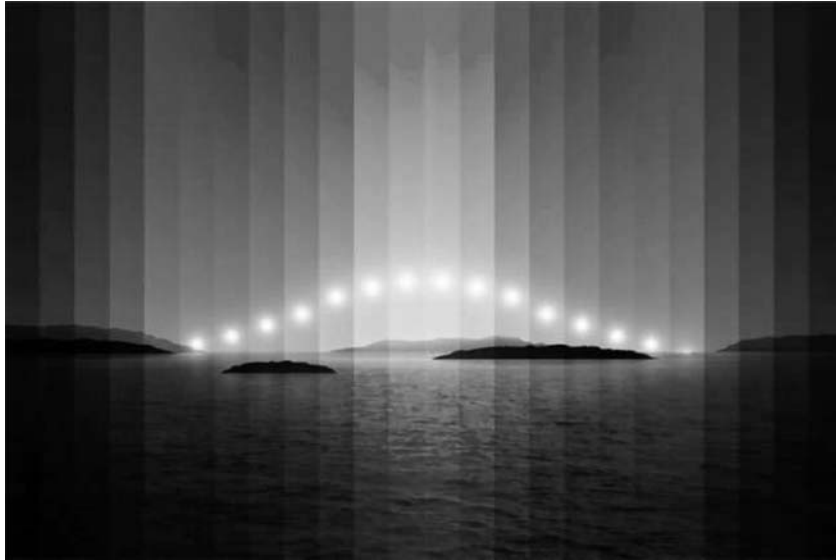
STRADA  
CRI97



STRADA  
CRI80







LV-TW TECHNOLOGY

# Low Voltage – Tuneable White technology (LV-TW)

## HUMAN CENTRIC LIGHTING HIGH-END LIGHTING DESIGN SOLUTION

Natural light changes colour throughout the day – from a morning sunrise glow, to a bright midday sun, then to a rich warm sunset. We have the technology to change the colour of the artificial light in our homes.

The human biological clock is closely tied to the day/night cycle of the Earth – circadian rhythm, and is pivotal for our body's release of various hormones including melatonin that regulates sleep, and cortisol for healing. We know that light has a significant influence on the human biological clock and our health.

As much as technology can benefit us, it can also disrupt our natural biological clock. We have too little of the right type of light during the day, and too much of the wrong type of light at night. Exposure to televisions, LED lights, computer screens, and mobile devices that emit blue (cool) light at night can disrupt our biological clock, delaying the natural sleep pattern.



**LV-TW 1250LM 2700-6500K**

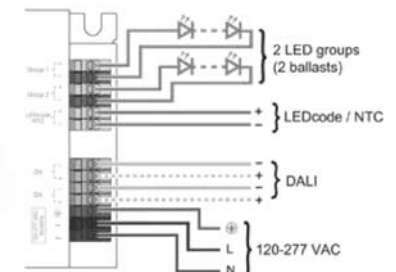
- High light output (6500K : 1250 Lm / 2700K : 1000 Lm)
- 110 Lm/W (only 11.4W per channel)
- High CRI (6500K : CRI85 / 2700K : CRI94)
- Dimmable with Dali 8 or Casambi
- 350mA
- Mix of Chip Scale Package LEDs

A human centric lighting system can also manipulate artificial light. When we require higher levels of concentration and alertness, we can adjust the colour temperature to provide a cool light. When we want to relax or create a calmer environment, we can adjust the colour temperature to provide a warmer light.

Lighting and control technologies have evolved to provide better user experiences. With careful consideration and expert consultation, light can be more organic and integrate better in our smart homes to provide greater levels of comfort.



Control protocol: DALI-8





# LUXEON Stylist Series

STYLIST SERIES

## LUXEON STYLIST SERIES!

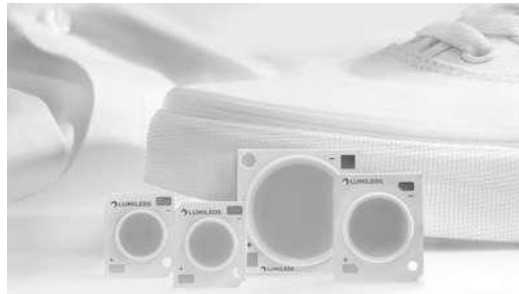
LEDs from the LUXEON Stylist Series are specially developed for shops specialised in fashion or fresh food, and for restaurants. Ask our sales department about the possibilities.

## NEW STANDARDS REQUIRE NEW LEDs

TM-30 (new colour norm): The Illuminating Engineering Society (IES) has published a new Technical Memorandum – TM-30-15 entitled “IES Method for Evaluating Light Source Colour Rendition” – that promises to supplant CRI as a colour metric. TM-30 relies on separate fidelity and gamut metrics, as well as a set of colour samples that is more representative of real-world objects, as opposed to the pastel samples that were primarily used for the baseline CRI metric that

was sometimes called Ra. The new colour metric is intended to fairly and accurately characterize both LED-based solid-state lighting (SSL) and legacy sources.

More saturation makes it easier to discriminate between colours and improves appearance of objects with fine patterns of several colours.



## TLCI (TELEVISION LIGHTING CONSISTENCY INDEX)

TLCI predicts how the light will appear on camera (photo and video). Studies have shown the lighting industry colour rendering index (CRI) to be inappropriate for television because of the floating white point. TLCI mimics a complete television camera and display, using only those specific features of cameras and displays which affect colour performance. The TLCI is calculated using software rather than real television hardware. The only hardware that is required is a spectroradiometer to measure the spectral power distribution of the test luminaire, and a computer on which to run the software analysis program to perform the calculations. A light source with a high TLCI score enables important cost savings for the user as there is no colour correction needed in post-production.

## CRISPWHITE TECHNOLOGY™

Only LEDs with deep blue content activate Fluorescent Whitening Agents (FWAs) and nearly all fabrics, clothes and paints have these whitening agents. CrispWhite spectrum is especially activated in materials containing active FWAs, allowing products to appear brighter and more attractive. The UV & Violet spectrum activates the FWAs. Lumileds CrispWhite Technology has a double-peak patented

technology in the Violet Spectrum that is able to stimulate the FWAs without the risk of photo-biological safety that happens when using UV.

## FRESHFOCUS TECHNOLOGY™

FreshFocus Technology™ accentuates the freshness of a variety of fresh foods. Retailers know that the fresh food areas are “the reason why” customers come to their shops. Optimizing the

saturation of the most dominant colour in fresh produce leads to higher sales of those products. Research shows that food waste can cost up to 4% of retailers’ revenue, the meat area being one of the most concerned areas. Shoppers “buy” with their eyes. The right LEDs can bring out reds for greater visual appeal to meat; increase the appetite appeal of bread and pastries. Plus, LED lighting saves energy, reduces stress on the environment and, without IR and without UV, help to keep the products fresh longer.

More saturation makes it easier to discriminate between colours and improves appearance of objects with fine patterns of several colours.



Downlights (small) - Max. driver setting 350 mA



Strada 68 70    Strada 75 72    Strada 90 74    Fluxe 75 76    Fluxe 90 78    Fabio 75 80    Linea 75 82



Fido 98 86    Fido 108 92

Max. driver setting 500 mA



Linea 120 102    Vector CL 145 136

Max. 650 mA



Linea 185 104

Downlights (large) - Max. driver setting 1400 mA



Strada 100 94    Strada 150 96    Strada 185 98    Fluxe 185 100



Linea DS-FS 106    Linea DS-F 110    Linea DS-FX 112    Linea DS-A 114

Max. driver setting 500 mA



Vector CL 235 140    Cylinder CL 235 142

Trackspots - Max. 800 mA



Linea AS-XS 150    Odion XS 152



**Fashion Retail**  
LEDs generating brighter whites and vivid, saturated colours that ensure clothing looks its absolute best.



**Fresh Food**  
LEDs that accentuate the freshness and overall visual appeal of a variety of fresh food.

Special LUXEON Stylist Series LEDs

	CCT	CRI	R9	Rf	Rg	R15	TLCI	Downlights small		Downlights large		Item code		
								mA	Lm	mA	Lm			
<b>CR180</b>	2700K	82	5	82	92	75	69	350	1550	700	2900	1200	4800	51-4028-27-1
<b>CR180</b>	3000K	82	5	81	93	75	66	350	1625	700	3000	1200	5000	51-4028-30-1
<b>CR180</b>	4000K	82	5	81	93	74	66	350	1700	700	3400	1200	5700	51-4028-40-1
<b>CR197</b>	2700K	97	93	96	103	99	97	350	1150	800	x	1400	x	50-3031-27
<b>CR197</b>	3000K	97	96	95	103	100	97	350	1250	800	2500	1400	3750	50-3031-30
<b>CR197</b>	4000K	97	96	95	103	100	97	350	1350	800	x	1400	x	50-3031-40
<b>CrispWhite</b>	3000K	90	61	87	102	89	83	350	780	900	2300	1400	3550	51-4029-30
<b>Red Meat</b>	1800K	82	81	77	119	95	60	350	515	900	1750	1400	2350	51-4042-00
<b>Bread &amp; Pastries</b>	2700K	92	54	89	96	86	91	350	770	900	2600	1400	3500	51-4045-00



### ILLUXTRON'S 2-CHANNEL LED PANELS ARE PERFECT FOR HCL

Nowadays it is very easy to create a Human Centric Lighting system without the need of complicated Dali equipment. The LED panels and downlights made by Illuxtron

can be equipped with a 2 channel Eldoled / Casambi driver of 2x25W. An essential part of the HCL principle is to double or triple the normal light output between 9 and 10 o'clock and our panels with a lumen output of about 7000Lm are perfectly suited for this.

# HCL LED panels

## Features and benefits

- The LEDs are optimally placed in the luminaire, which guarantees a longer lifespan
- The diffusers have been designed to ensure UGR values of less than 19 (max. 3950 Lm)
- Guaranteed colour consistency due to 3-Step MacAdam
- Excellent dimming performance to 10%
- IP44 rating
- LED panel 1195x295 available on request

The proven advantages of HCL are:

- Being able to sleep better at night (fewer diseases and reduces depression)
  - Better memory and concentration, fewer errors
  - Being more creative
  - Special HCL cycle for working during the night
  - Reduces ADHD
  - Better sports achievements
- Just download the free Casambi app and you are ready to go.

## OPTICAL SYSTEM

In order to meet the anti-glare standards, a combination of lens and diffuser technology has been developed by the Illuxtron team. In addition to the standard wide beam, narrower beams are also available on request and even an asymmetric version.

## SUSTAINABILITY

At the end of its life, the LED technology can be easily renewed so that a warranty can be issued again. This only works for larger quantities and in consultation with our sales department.

## HIGH QUALITY FIXTURE

The metal fixture construction is manufactured in Europe in fully automated production lines. This results in extremely low material tolerances and prevents defects. Our fixtures are sprayed with a Dupont epoxy powder coating which ensures that even after prolonged use there is no visible discolouring.

## HEAT DISSIPATION

You would want the panel to still produce sufficient light after years of use. Due to their positioning in the back of the housing, the LEDs are optimally cooled and even after 70,000 operating hours you will notice no difference in light output. So if you want an installation that is problem free for many years, a "back lighting" solution is your choice.



Cortina 2L  
3500Lm (27.1W)

Linessa 2L  
3300Lm (23.8W)

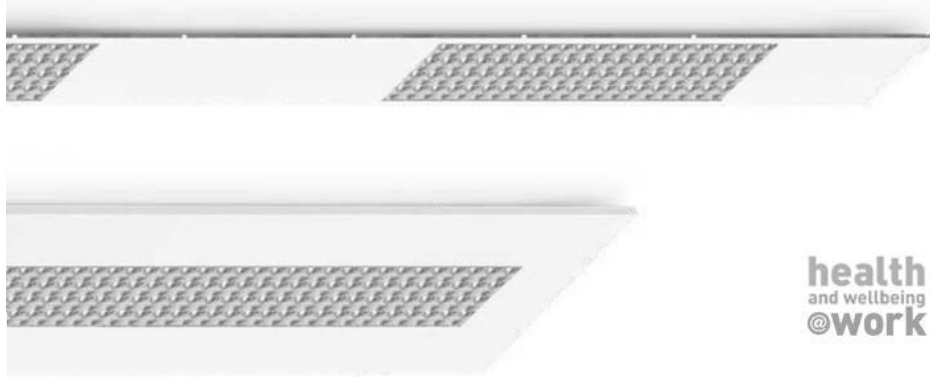
Bartenbach 'Dark Light' Technology  
No glare  
39% more efficient vs LED panel  
78% more efficient vs 4x18W TL

183 Lux

256 Lux

CAC3 Cortina 2L	UGR	1.50 m	Lx/W
700mA 3500Lm (27.1W)	18.5	183 Lx	6,75
1050mA 5050Lm (41.8W)	19.8	264 Lx	6.31

3DC3 Linessa 2L	UGR	1.50 m	Lx/W
500mA 3300Lm (23.8W)	13.8	256 Lx	10,75
700mA 4550Lm (33.6W)	14.9	352 Lx	10,47



# Linessa

## Excellent office lighting

LINESSA

### SUSTAINABILITY

Less is more. Or in the case of Linessa: Making technical innovation affordable by clever product design. The end result is a lighting panel that only has 7 parts and no glue, screws or tape. Linessa has a very minimalist design. At the end of life it is very easy to take the product apart or implement a new LED module. In this scenario we minimize the waste of materials, keeping it as low as possible. Compare this to hazardous fluorescent lamps that need to be replaced frequently.

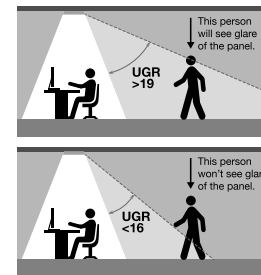


### BARTENBACH DARKLIGHT TECHNOLOGY - UGR11

Normal diffuser panels distribute light in all directions and create a lot of glare. The Bartenbach Institute helped us to develop special reflector cups that ensure all of the light is reflected in ways that you need. Less glare in an office means less mistakes, less headaches and greater wellbeing for your employees.



Each Aviora Reflector has 920 different facets for optimum beam control.



### BEST IN CLASS LUX/WATT

The normal amount of lux for an office desk is around 500Lux. With the Linessa series this can be achieved with less energy. Compared to a normal diffuser LED panel of 25-40W it saves 25-40%.  
\* If compared to a 4x18W fluorescent luminaire with 84W, it saves an incredible 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.

### BESPOKE VERSIONS

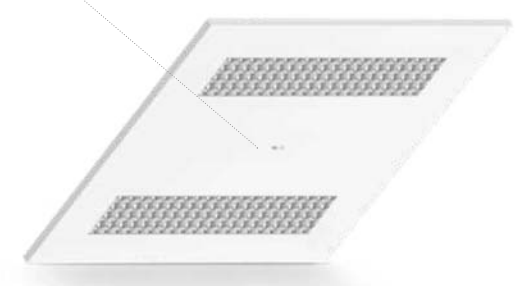
The metal plate can be easily changed to different dimensions. It is even possible to integrate a sensor into the plate or air sleeves for ventilation.

### LESS LIGHT PRESSURE

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

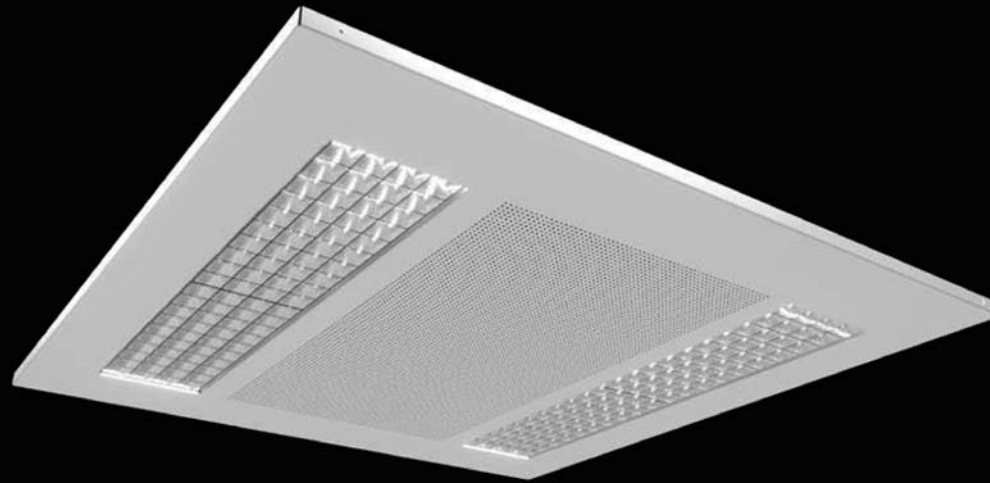


Linessa 2L 595x595 with integrated Helvar ActiveAhead sensor.



### Features and benefits

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



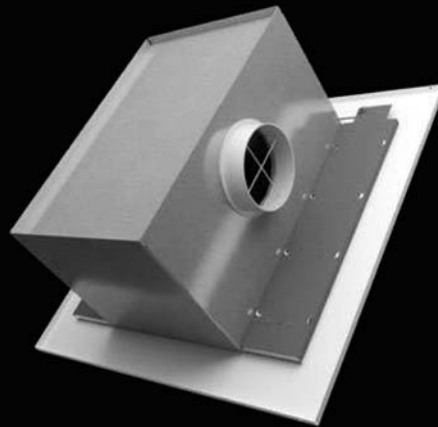
# Linessa Air

## Lighting with integrated ventilation

A unique combination of both lighting product and a ventilation system, which results in a clean ceiling design. OrangeClimate and Illuxtron International collaborated in such a way that both their best products fit seamlessly together.

### Features and benefits

- Comfortable Airflow
- Suitable for every system
- No irritating glare
- Highest Lumen / Watt
- Homogeneous light pattern
- Designed and produced in the Netherlands
- Patented design
- 7 years warranty



### APPLICATION EXAMPLE

The ventilation can be spread over additional units to avoid an unwanted airflow. Each luminaire can either be used for blowing air in the room or to let the air escape from the room.



*Before, with separate air ventilation and lighting*



*After, with Linessa Air and integrated ventilation.*



# TCI

Reliable compact driver range

### MULTI CURRENT OPTION

By manually changing the dipswitch settings on the driver it is possible to lower current to the LEDs. This can be used if you want to extend the lifetime of the system or in case the light is too bright.

### 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.

### 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 500 V. The surge protection in TCI drivers results in an extremely low defect percentage of 0.2%.

### SAFETY AND SECURITY

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

### 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.



# eldoLED

Used by high-end lighting designers

### HYBRID DIMMING

eldoLED uses a technology called Hybrid Hydra Drive, an advanced type of hybrid dimming that varies the LED current, duty cycle and frequency on 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 COLOR SCIENCE

eldoLED LightShape technology takes the complexity out of dynamic white lighting and enables the creation of dynamic white lighting with standard controls, standard drivers and standard 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 "Tuneable 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 diagram associated with it are great tools to compare drivers with respect to flicker. We suggest the following for the specification of LED drivers, which is considered the recommended practice:

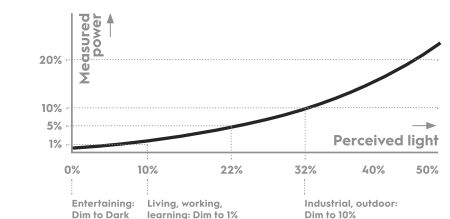
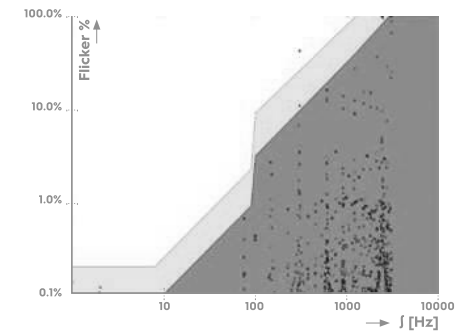
"LED drivers shall conform to IEEE-P1789 standards. Systems that do not meet IEEE P1789 will not be considered."

### SMOOTH DEEP DIMMING

In order to come close to what we as human beings 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.



# Power supply units



### Features and benefits

- Surge protection up to 4 kV
- Various dimming options (1-10 V & 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





# Sensor technology

## MOTION DETECTOR

Our luminaires with integrated motion detectors are best installed in smaller spaces that require a single light source, such as toilets and corridors. The luminaire is independently controlled and therefore cannot be used in a 'master/slave' combination.

## COMPLEX SOFTWARE

Whether a sensor that is integrated into a luminaire functions well, depends on temperature differences within electronic circuits, harmonic interference, power surges, and inrush current from other devices, to name just a few possibilities. All these factors have been taken into account by the complex software, ensuring that the sensor functions correctly.

## QUAD PIR SENSOR

Both the sensor and lens are manufactured of advanced electronic materials. The sensor is a Quad type, which is used exclusively in spaces where sensitivity and reliability are essential.

## INSTALLATION APPLICATIONS

Sensor-fitted luminaires can be installed in toilets, corridors, storage spaces, garages, barns, and under front- or back-door canopies or glass awnings.

## Features and benefits

- Luminaires with integrated (PIR) motion sensors
- Reliable under all conditions

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 you can use with each spring.

## CS SPRINGS (CONCRETE SPRINGS)

CS springs (except Pointer series) can be used in almost any type of ceiling. Support plates should definitely be used when mounting big downlights in soft mineral ceilings. The spring's slightly bent edge prevents the ceiling material from getting damaged. We recommend making the hole in the ceiling material 10 mm wider than the specified cutout diameter (assuming this doesn't exceed the maximum diameter).



# Installation: Springs

## WS SPRINGS (WIRE SPRINGS)

WS springs are traditional springs that are eminently suited for soft ceiling tiles in combination with support plates (that cannot be taken out of the ceiling). WS springs are not suitable for concrete ceilings and soft ceiling tiles without support plates.



## GS SPRINGS (GYPROC SPRINGS)

GS springs are ideally suited for quick mounting in hard ceiling tiles without support plates. GS springs do normally come with (larger) Linea luminaires only. Turning the luminaire anti-clockwise fixes it extra tightly in the tile.



# Strada 35

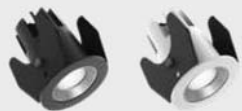
See page 20

**Bartenbach**  
lighting optics



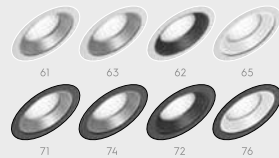
∅ 40 mm

### COLOURS



Matt black  
RAL 9005

Matt white  
RAL 9016



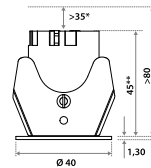
Housing/ Reflector ring	Item code	Housing/ Reflector ring	Item code
White/Gold	XX-61	Black/Gold	XX-71
White/Silver	XX-63	Black/Silver	XX-74
White/Black	XX-62	Black/Black	XX-72
White/White	XX-65	Black/White	XX-76

### SPRINGS



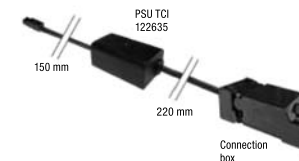
Standard with CS springs (concrete/gyproc). Also available as above with WS springs (gyproc/metal).

### DIMENSIONS



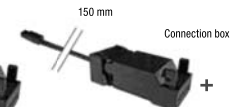
\* This distance is necessary because of the height of the connection box (80 mm). For purely heat reasons just 5 mm is sufficient.  
\*\* For WS springs this dimension is 60 mm

Incl. PSU No dim (100-240V)



Incl. conn.box (500mA)\*

For installation to a central power supply.



### 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 174 for more information about power supplies.



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



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

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

See pricelist 2023 page 4

Description	Item code	Input	Vf	W per lamp	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Strada 35 LV 475Lm 2700K No dim	851903XX0102	100-240V	x	6.6	72	82	15.0	0.6	II
Strada 35 LV 500Lm 3000K No dim	851903XX7202	100-240V	x	6.6	76	82	15.2	0.6	II
Strada 35 LV 525Lm 4000K No dim	851903XX0202	100-240V	x	6.6	80	82	15.4	0.6	II
Strada 35 LV-C 500mA 475Lm 2700K Dim	851903XX01E2	500mA	11.9	5.7	83	82	15.0	x	III
Strada 35 LV-C 500mA 500Lm 3000K Dim	851903XX72E2	500mA	11.9	5.7	88	82	15.2	x	III
Strada 35 LV-C 500mA 525Lm 4000K Dim	851903XX02E2	500mA	11.9	5.7	92	82	15.4	x	III

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



**Bartenbach**  
lighting optics



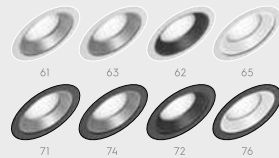
Ø 55 mm

**COLOURS**



Matt black  
RAL 9005

Matt white  
RAL 9016



Housing/ Reflector ring	Item code	Housing/ Reflector 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**

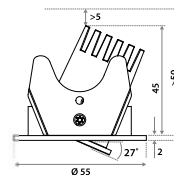


Standard with CS springs  
(concrete/gyproc). Also  
available as above with  
WS springs (gyproc/  
metal).

ADJUSTABLE

# Strada 50

**DIMENSIONS**



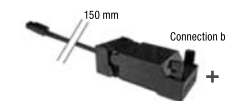
**Incl. PSU (220-240V)**

PSU TCI 127042 Triac dim 102x38x21 mm  
PSU TCI 127576 Dali 147x44x22 mm



**Incl. conn.box (500mA)\***

For installation to a central power supply.



**SPECIFICATIONS**

Beam angle (FWHM)	40° (65° FWTM)
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

\*See page 174 for more information about power supplies.



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

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



**ITEM SPECIFICATIONS** See pricelist 2023 page 5

Description	Item code	Input	Vf	W per lamp	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Strada 50 adj LV 475Lm 2700K Triac dim	851A03XX0102	220-240V	x	6.6	72	82	15.0	0.96	II
Strada 50 adj LV 500Lm 3000K Triac dim	851A03XX7202	220-240V	x	6.6	76	82	15.2	0.96	II
Strada 50 adj LV 525Lm 4000K Triac dim	851A03XX0202	220-240V	x	6.6	80	82	15.4	0.96	II
Strada 50 adj LV 475Lm 2700K Dali	851A03XXS402	220-240V	x	6.6	72	82	15.0	0.95	II
Strada 50 adj LV 500Lm 3000K Dali	851A03XXS502	220-240V	x	6.6	76	82	15.2	0.95	II
Strada 50 adj LV 525Lm 4000K Dali	851A03XXS602	220-240V	x	6.6	80	82	15.4	0.95	II
Strada 50 adj LV-C 500mA 475Lm 2700K Dim	851A03XX01E2	500mA	11.9	5.7	83	82	15.0	x	III
Strada 50 adj LV-C 500mA 500Lm 3000K Dim	851A03XX72E2	500mA	11.9	5.7	88	82	15.2	x	III
Strada 50 adj LV-C 500mA 525Lm 4000K Dim	851A03XX02E2	500mA	11.9	5.7	92	82	15.4	x	III

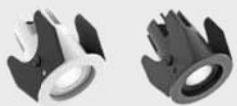
All values are measured at 230V (+/- 7%).





∅ 42 mm

**COLOURS**



Matt white  
RAL 9016 (XX+MW)

Matt black  
RAL 9005 (XX+BL)

**SPRINGS**

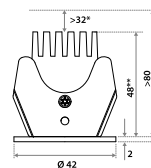


Standard with CS springs (concrete/gyproc).  
Also available as above with  
WS springs (gyproc/metal).

FIXED

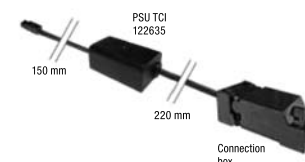
# Fluxe 35 (Gen2)

**DIMENSIONS**



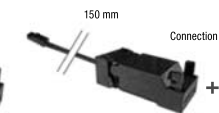
\* This distance is necessary because of the height of the connection box (80 mm). For purely heat reasons just 5 mm is sufficient.  
\*\* For WS springs this dimension is 60 mm

**Incl. PSU No dim (100-240V)**



**Incl. conn.box (500mA)\***

For installation to a central power supply.



**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 174 for more information about power supplies.



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



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

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

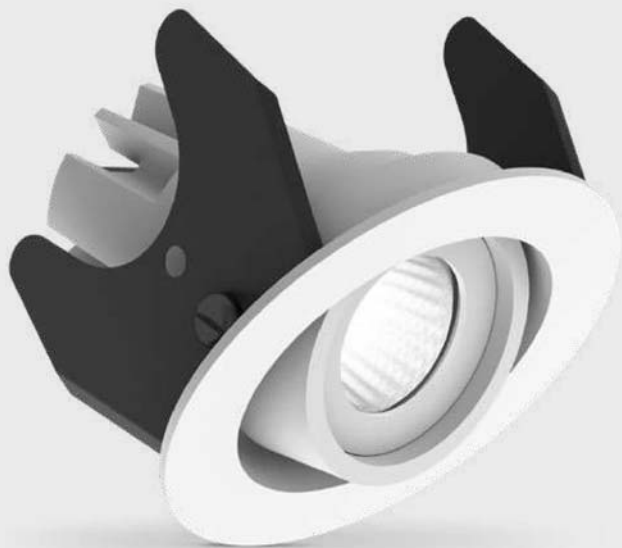


**ITEM SPECIFICATIONS** See pricelist 2023 page 4

Description	Item code	Input	Vf	W per lamp	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Fluxe 35 LV 475Lm 2700K No dim	921903XX0113	100-240V	x	6.6	72	82	15.0	0.6	II
Fluxe 35 LV 500Lm 3000K No dim	921903XX7213	100-240V	x	6.6	76	82	15.2	0.6	II
Fluxe 35 LV 525Lm 4000K No dim	921903XX0213	100-240V	x	6.6	80	82	15.4	0.6	II
Fluxe 35 LV-C 500mA 475Lm 2700K Dim	921903XX0111	500mA	11.9	5.7	83	82	15.0	x	III
Fluxe 35 LV-C 500mA 500Lm 3000K Dim	921903XX7211	500mA	11.9	5.7	88	82	15.2	x	III
Fluxe 35 LV-C 500mA 525Lm 4000K Dim	921903XX0211	500mA	11.9	5.7	92	82	15.4	x	III

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





FLUXE 50

∅ 55 mm

**COLOURS**



Matt white  
RAL 9016 (XX+MW)

Matt black  
RAL 9005 (XX+BL)

**SPRINGS**

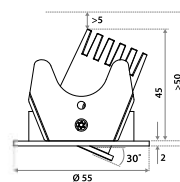


Standard with CS springs (concrete/gyproc).  
Also available as above with  
WS springs (gyproc/metal).

ADJUSTABLE

# Fluxe 50 (Gen2)

**DIMENSIONS**



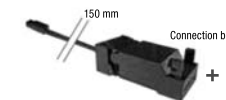
**Incl. PSU (220-240V)**

PSU TCI 127042 Triac dim 102x38x21 mm  
PSU TCI 127576 Dali 147x44x22 mm



**Incl. conn.box (500mA)\***

For installation to a central power supply.



**SPECIFICATIONS**

Beam angle (FWHM)	40° (65° FWTM)
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

\*See page 174 for more information about power supplies.



5-50



1-20

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

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

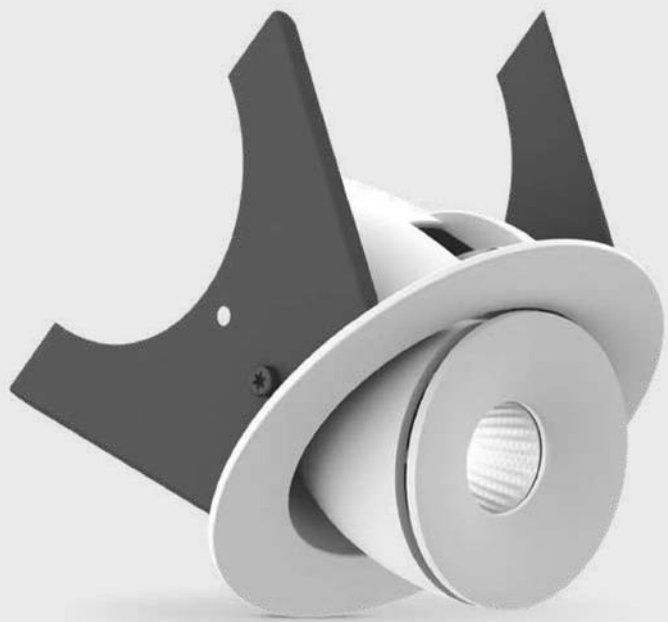


**ITEM SPECIFICATIONS** See pricelist 2023 page 5

Description	Item code	Input	Vf	W per lamp	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Fluxe 50 adj LV 475Lm 2700K Triac dim	861A03XX0102	220-240V	x	6.6	72	82	15.0	0.96	II
Fluxe 50 adj LV 500Lm 3000K Triac dim	861A03XX7202	220-240V	x	6.6	76	82	15.2	0.96	II
Fluxe 50 adj LV 525Lm 4000K Triac dim	861A03XX0202	220-240V	x	6.6	80	82	15.4	0.96	II
Fluxe 50 adj LV 475Lm 2700K Dali	861A03XXS402	220-240V	x	6.6	72	82	15.0	0.95	II
Fluxe 50 adj LV 500Lm 3000K Dali	861A03XXS502	220-240V	x	6.6	76	82	15.2	0.95	II
Fluxe 50 adj LV 525Lm 4000K Dali	861A03XXS602	220-240V	x	6.6	80	82	15.4	0.95	II
Fluxe 50 adj LV-C 500mA 475Lm 2700K Dim	861A03XX01E2	350mA	11.9	5.7	83	82	15.0	x	III
Fluxe 50 adj LV-C 500mA 500Lm 3000K Dim	861A03XX72E2	350mA	11.9	5.7	88	82	15.2	x	III
Fluxe 50 adj LV-C 500mA 525Lm 4000K Dim	861A03XX02E2	350mA	11.9	5.7	92	82	15.4	x	III

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





LINEA 68

**COLOURS**



Matt white  
RAL 9016 (XX+MW)  
Matt black  
RAL 9005 (XX+BL)

**SPRINGS**

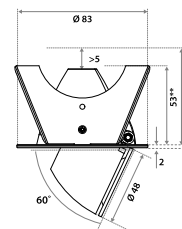


Standard with CS springs (concrete/gyproc).  
Also available as above with  
WS springs (gyproc/metal).

ADJUSTABLE

# Linea 68

**DIMENSIONS**



\*\* For wire springs this dimension is 60 mm

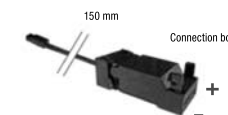
**Incl. PSU (220-240V)**

PSU TCI 127040 Triac dim 102x38x21 mm  
PSU TCI 125400 1-10V & Push 102x38x21 mm  
PSU TCI 127576 Dali 147x44x22 mm



**Incl. conn.box (350mA)\***

For installation to a central power supply.



**SPECIFICATIONS**

Beam angle (FWHM)	40° (65° FWTM)
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  
\*See page 174 for more information about power supplies.



Using CS springs: Ø 68-75 mm.  
Thickness ceiling 5-58 mm  
& recess depth 58 mm.

Using WS springs: Ø 68-75 mm.  
Thickness ceiling 1-30 mm  
& recess depth 58 mm.



**ITEM SPECIFICATIONS** See pricelist 2023 page 6

Description	Item code	Input	Vf	W per lamp	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Linea 68 adj LV 375Lm 2700K Triac dim	375303XX4813	220-240V	x	5.7	66	82	14,2	0,96	II
Linea 68 adj LV 400Lm 3000K Triac dim	375303XX4913	220-240V	x	5.7	70	82	14,4	0,96	II
Linea 68 adj LV 425Lm 4000K Triac dim	375303XX5013	220-240V	x	5.7	75	82	14,6	0,96	II
Linea 68 adj LV 375Lm 2700K 1-10V & Push	375303XXTD13	220-240V	x	5.7	66	82	14,2	0,96	II
Linea 68 adj LV 400Lm 3000K 1-10V & Push	375303XXTE13	220-240V	x	5.7	70	82	14,4	0,96	II
Linea 68 adj LV 425Lm 4000K 1-10V & Push	375303XXTF13	220-240V	x	5.7	75	82	14,6	0,96	II
Linea 68 adj LV 375Lm 2700K Dali	375303XXTK13	220-240V	x	5.7	66	82	14,2	0,96	II
Linea 68 adj LV 400Lm 3000K Dali	375303XXTL13	220-240V	x	5.7	70	82	14,4	0,96	II
Linea 68 adj LV 425Lm 4000K Dali	375303XXTM13	220-240V	x	5.7	75	82	14,6	0,96	II
Linea 68 adj LV-C 350mA 375Lm 2700K Dim	375303XX4811	350mA	11,9	4,5	83	82	14,2	x	III
Linea 68 adj LV-C 350mA 400Lm 3000K Dim	375303XX4911	350mA	11,9	4,5	89	82	14,4	x	III
Linea 68 adj LV-C 350mA 425Lm 4000K Dim	375303XX5011	350mA	11,9	4,5	94	82	14,6	x	III

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



POINTER SPOT



FIXED

Restaurant  
Pointer Spot

See page 22

**Bartenbach**  
lighting optics



∅ 47 mm

**COLOURS**



Matt white  
RAL 9016 (XX+MW)

Matt black  
RAL 9005 (XX+BL)

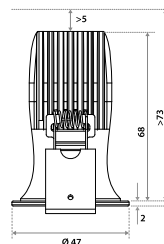
**SPRINGS**



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

# Pointer 40 (Gen2)

**DIMENSIONS**



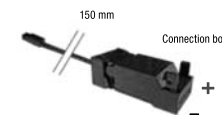
**Incl. PSU (100-240V)**

PSU TCI 122602 No dim 68x35x22 mm  
PSU TCI 127042 Triac dim 102x38x21 mm  
(Only for wire spring, watch out for small rim)  
Cable 150 mm



**Incl. conn.box (500mA)\***

For installation to a central power supply.



**SPECIFICATIONS**

Beam angle (FWHM)	35° (45° FWTM) / 60° (80° FWTM)
Fixture material	Housing: Die cast aluminium
Environment	Indoor
IP rate	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 174 for more information about power supplies.



Using WS springs: ∅ 40 mm.  
Thickness ceiling 1-25 mm  
& recess depth 73 mm.

Using CS springs: ∅ 40 mm.  
Thickness ceiling 5-73 mm  
& recess depth 73 mm.

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** See pricelist 2023 page 6

Description	Item code	Input	Vf	W per lamp	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Pointer 40 LV 35° 350Lm 2700K Triac dim	0N2703XXWN13	100-240V	x	6.6	53	85	7.4	0.96	II
Pointer 40 LV 35° 375Lm 3000K Triac dim	0N2703XXWP13	100-240V	x	6.6	57	85	7.6	0.96	II
Pointer 40 LV 35° 400Lm 4000K Triac dim	0N2703XXWQ13	100-240V	x	6.6	61	85	7.9	0.96	II
Pointer 40 LV 60° 400Lm 2700K Triac dim	0N2703XXWR11	100-240V	x	6.6	61	85	17.8	0.96	II
Pointer 40 LV 60° 425Lm 3000K Triac dim	0N2703XXWS13	100-240V	x	6.6	64	85	18.0	0.96	II
Pointer 40 LV 60° 450Lm 4000K Triac dim	0N2703XXWT13	100-240V	x	6.6	68	85	18.2	0.96	II
Pointer 40 LV-C 500mA 35° 350Lm 2700K	0N2703XXWN11	500mA	11.4	5.7	61	85	7.4	x	III
Pointer 40 LV-C 500mA 35° 375Lm 3000K	0N2703XXWP11	500mA	11.4	5.7	66	85	7.6	x	III
Pointer 40 LV-C 500mA 35° 400Lm 4000K	0N2703XXWQ11	500mA	11.4	5.7	70	85	7.9	x	III
Pointer 40 LV-C 500mA 60° 400Lm 2700K	0N2703XXWR11	500mA	11.4	5.7	70	85	17.8	x	III
Pointer 40 LV-C 500mA 60° 425Lm 3000K	0N2703XXWS11	500mA	11.4	5.7	75	85	18.0	x	III
Pointer 40 LV-C 500mA 60° 450Lm 4000K	0N2703XXWT11	500mA	11.4	5.7	79	85	18.2	x	III

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



POINTER 40

63



**Bartenbach**  
lighting optics



POINTER 68



**COLOURS**



Matte white  
RAL 9016 (XX+MW)

Matte black  
RAL 9005 (XX+BL)

**SPRINGS**

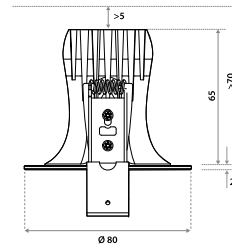


Standard with WS springs (gyproc/metal).  
Also available as above with CS springs (concrete)

FIXED

# Pointer 68 (Gen2)

**DIMENSIONS**



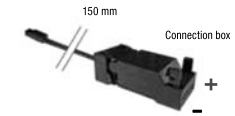
**Incl. PSU (220-240V)**

- PSU TCI 127046 Triac dim 102x38x21 mm
- PSU TCI 125400 1-10V & Push 102x38x21 mm
- PSU TCI 127576 Dali 147x44x22 mm



**Incl. conn.box (700mA)\***

For installation to a central power supply.



**SPECIFICATIONS**

Beam angle (FWHM)	35° (45° FWTM) / 60° (80° FWTM)
Fixture material	Housing: Die cast aluminium
Environment	Indoor
IP rate	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 174, for more information about power supplies.



Using WS springs: ø 68-75 mm.  
Thickness ceiling 1-30 mm  
& recess depth 70 mm.

Using CS springs: ø 68-75 mm.  
Thickness ceiling 5-70 mm  
& recess depth 70 mm.

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** See pricelist 2023 page 7

Description	Item code	Input	Vf	W per lamp	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Pointer 68 fx LV 35° 500Lm 2700K Triac dim	OP2803XXWU13	220-240V	x	9.2	54	85	7.2	0.96	II
Pointer 68 fx LV 35° 525Lm 3000K Triac dim	OP2803XXWV13	220-240V	x	9.2	57	85	7.3	0.96	II
Pointer 68 fx LV 35° 550Lm 4000K Triac dim	OP2803XXWW13	220-240V	x	9.2	60	85	7.5	0.96	II
Pointer 68 fx LV 60° 550Lm 2700K Triac dim	OP2803XXWX13	220-240V	x	9.2	60	85	17.5	0.96	II
Pointer 68 fx LV 60° 600Lm 3000K Triac dim	OP2803XXWY13	220-240V	x	9.2	65	85	17.8	0.96	II
Pointer 68 fx LV 60° 650Lm 4000K Triac dim	OP2803XXWZ13	220-240V	x	9.2	71	85	18.0	0.96	II
Pointer 68 fx LV 35° 500Lm 2700K 1-10V & Push	OP2803XXXU13	220-240V	x	9.2	54	85	7.2	0.95	II
Pointer 68 fx LV 35° 525Lm 3000K 1-10V & Push	OP2803XXXV13	220-240V	x	9.2	57	85	7.3	0.95	II
Pointer 68 fx LV 35° 550Lm 4000K 1-10V & Push	OP2803XXXW13	220-240V	x	9.2	60	85	7.5	0.95	II
Pointer 68 fx LV 60° 550Lm 2700K 1-10V & Push	OP2803XXXX13	220-240V	x	9.2	60	85	17.5	0.95	II
Pointer 68 fx LV 60° 600Lm 3000K 1-10V & Push	OP2803XXXY13	220-240V	x	9.2	65	85	17.8	0.95	II
Pointer 68 fx LV 60° 650Lm 4000K 1-10V & Push	OP2803XXXZ13	220-240V	x	9.2	71	85	18.0	0.95	II
Pointer 68 fx LV 35° 500Lm 2700K Dali	OP2803XXW013	220-240V	x	9.2	54	85	7.2	0.95	II
Pointer 68 fx LV 35° 525Lm 3000K Dali	OP2803XXW113	220-240V	x	9.2	57	85	7.3	0.95	II
Pointer 68 fx LV 35° 550Lm 4000K Dali	OP2803XXW213	220-240V	x	9.2	60	85	7.5	0.95	II
Pointer 68 fx LV 60° 550Lm 2700K Dali	OP2803XXW313	220-240V	x	9.2	60	85	17.5	0.95	II
Pointer 68 fx LV 60° 600Lm 3000K Dali	OP2803XXW413	220-240V	x	9.2	65	85	17.8	0.95	II
Pointer 68 fx LV 60° 650Lm 4000K Dali	OP2803XXW513	220-240V	x	9.2	71	85	18.0	0.95	II
Pointer 68 fx LV-C 700mA 35° 500Lm 2700K Dim	OP2803XXWU11	700mA	11.5	8.0	63	85	7.2	x	III
Pointer 68 fx LV-C 700mA 35° 525Lm 3000K Dim	OP2803XXWV11	700mA	11.5	8.0	66	85	7.3	x	III
Pointer 68 fx LV-C 700mA 35° 550Lm 4000K Dim	OP2803XXWW11	700mA	11.5	8.0	69	85	7.5	x	III
Pointer 68 fx LV-C 700mA 60° 550Lm 2700K Dim	OP2803XXWX11	700mA	11.5	8.0	69	85	17.5	x	III
Pointer 68 fx LV-C 700mA 60° 600Lm 3000K Dim	OP2803XXWY11	700mA	11.5	8.0	75	85	17.8	x	III
Pointer 68 fx LV-C 700mA 60° 650Lm 4000K Dim	OP2803XXWZ11	700mA	11.5	8.0	81	85	18.0	x	III

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



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POINTER 68



∅ 90 mm

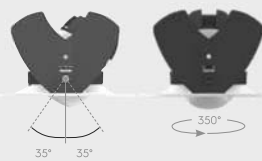
**COLOURS**



Matte white  
RAL 9016 (XX+MW)

Matte black  
RAL 9005 (XX+BL)

**ADJUSTMENT OPTIONS**



35°

35°

**SPRINGS**

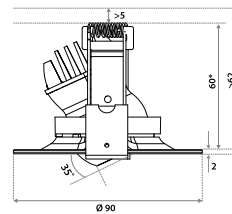


Standard with WS springs (gyproc/metal). Also available as above with CS springs (concrete)

ADJUSTABLE

# Pointer 68 (adjustable)

**DIMENSIONS**



\* For cs springs this dimension is 57 mm

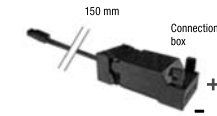
**Incl. PSU (220-240V)**

PSU TCI 127042 Triac dim 102x38x21 mm  
PSU TCI 123400 1-10V & Push 102x38x21 mm  
PSU TCI 127576 Dali 147x44x22 mm



**Incl. conn.box (500mA)\***

For installation to a central power supply.



**SPECIFICATIONS**

Beam angle (FWHM)	35° (45° FWTM) / 60° (80° FWTM)
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

\*See page 174 for more information about power supplies.



Using WS springs: ∅ 68-75 mm.  
Thickness ceiling 1-30 mm  
& recess depth 62 mm.



Using CS springs: ∅ 68-75 mm.  
Thickness ceiling 5-62 mm  
& recess depth 62 mm.



**ITEM SPECIFICATIONS** See pricelist 2023 page 7

Description	Item code	Input	Vf	W per lamp	Ln/W	CRI (Typ)	UGR	Pf	Safety class
Pointer 68 adj LV 35° 350Lm 2700K Triac dim	082703XXWN13	220-240V	x	6.6	53	85	5.9	0.96	II
Pointer 68 adj LV 35° 375Lm 3000K Triac dim	082703XXWP13	220-240V	x	6.6	57	85	6.2	0.96	II
Pointer 68 adj LV 35° 400Lm 4000K Triac dim	082703XXWQ13	220-240V	x	6.6	61	85	6.4	0.96	II
Pointer 68 adj LV 60° 400Lm 2700K Triac dim	082703XXWR13	220-240V	x	6.6	61	85	16.4	0.96	II
Pointer 68 adj LV 60° 425Lm 3000K Triac dim	082703XXWS13	220-240V	x	6.6	64	85	16.6	0.96	II
Pointer 68 adj LV 60° 450Lm 4000K Triac dim	082703XXWT13	220-240V	x	6.6	68	85	16.8	0.96	II
Pointer 68 adj LV 35° 350Lm 2700K 1-10V & Push	082703XXXG13	220-240V	x	6.6	53	85	5.9	0.6	II
Pointer 68 adj LV 35° 375Lm 3000K 1-10V & Push	082703XXXH13	220-240V	x	6.6	57	85	6.2	0.6	II
Pointer 68 adj LV 35° 400Lm 4000K 1-10V & Push	082703XXXI13	220-240V	x	6.6	61	85	6.4	0.6	II
Pointer 68 adj LV 60° 400Lm 2700K 1-10V & Push	082703XXXK13	220-240V	x	6.6	61	85	16.4	0.6	II
Pointer 68 adj LV 60° 425Lm 3000K 1-10V & Push	082703XXXL13	220-240V	x	6.6	64	85	16.6	0.6	II
Pointer 68 adj LV 60° 450Lm 4000K 1-10V & Push	082703XXXM13	220-240V	x	6.6	68	85	16.8	0.6	II
Pointer 68 adj LV 35° 350Lm 2700K Dali	082703XXW013	220-240V	x	6.6	53	85	5.9	0.6	II
Pointer 68 adj LV 35° 375Lm 3000K Dali	082703XXW113	220-240V	x	6.6	57	85	6.2	0.6	II
Pointer 68 adj LV 35° 400Lm 4000K Dali	082703XXW213	220-240V	x	6.6	61	85	6.4	0.6	II
Pointer 68 adj LV 60° 400Lm 2700K Dali	082703XXW313	220-240V	x	6.6	61	85	16.4	0.6	II
Pointer 68 adj LV 60° 425Lm 3000K Dali	082703XXW413	220-240V	x	6.6	64	85	16.6	0.6	II
Pointer 68 adj LV 60° 450Lm 4000K Dali	082703XXW513	220-240V	x	6.6	68	85	16.8	0.6	II
Pointer 68 adj LV-C 500mA 35° 350Lm 2700K Dim	082703XXWN11	500mA	11.4	5.7	61	85	5.9	x	III
Pointer 68 adj LV-C 500mA 35° 375Lm 3000K Dim	082703XXWP11	500mA	11.4	5.7	66	85	6.2	x	III
Pointer 68 adj LV-C 500mA 35° 400Lm 4000K Dim	082703XXWQ11	500mA	11.4	5.7	70	85	7.9	x	III
Pointer 68 adj LV-C 500mA 60° 400Lm 2700K Dim	082703XXWR11	500mA	11.4	5.7	70	85	16.4	x	III
Pointer 68 adj LV-C 500mA 60° 425Lm 3000K Dim	082703XXWS11	500mA	11.4	5.7	75	85	16.6	x	III
Pointer 68 adj LV-C 500mA 60° 450Lm 4000K Dim	082703XXWT11	500mA	11.4	5.7	79	85	16.8	x	III

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



# Pointer Spot 75 (adjustable)

NEW

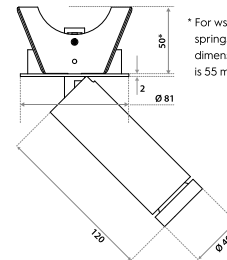
Available from Q2 2023.

**Bartenbach**  
lighting optics



ø 40 mm

## DIMENSIONS



\* For ws springs this dimension is 55 mm

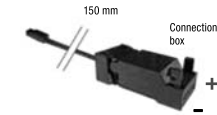
### Incl. PSU (220-240V)

PSU TCI 127042 Triac dim 102x58x21 mm  
PSU TCI 125400 1-10V & Push 102x38x21 mm  
PSU TCI 127576 Dali 147x44x22 mm



### Incl. conn. box (500mA)\*

For installation to a central power supply.



## SPECIFICATIONS

Beam angle (FWHM)	35° (45° FWTM) / 60° (80° FWTM)
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  
\*See page 174 for more information about power supplies.



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.



## ITEM SPECIFICATIONS

See pricelist 2023 page 8-9

Description	Item code	Input	Vf	W per lamp	Ln/W	CRI (Typ.)	UGR	Pf	Safety class
Pointer Spot 75 LV 35° 350Lm 2700K Triac dim	0T2703XXLG02	220-240V	x	6.6	5.3	85	5.9	0.96	II
Pointer Spot 75 LV 35° 375Lm 3000K Triac dim	0T2703XXLH02	220-240V	x	6.6	5.7	85	6.2	0.96	II
Pointer Spot 75 LV 35° 400Lm 4000K Triac dim	0T2703XXLJ02	220-240V	x	6.6	6.1	85	6.4	0.96	II
Pointer Spot 75 LV 60° 400Lm 2700K Triac dim	0T2703XXLK02	220-240V	x	6.6	6.1	85	16.4	0.96	II
Pointer Spot 75 LV 60° 425Lm 3000K Triac dim	0T2703XXLL02	220-240V	x	6.6	6.4	85	16.6	0.96	II
Pointer Spot 75 LV 60° 450Lm 4000K Triac dim	0T2703XXLM02	220-240V	x	6.6	6.8	85	16.8	0.96	II
Pointer Spot 75 LV 35° 350Lm 2700K 1-10V & Push	0T2703XXWG02	220-240V	x	6.6	5.3	85	5.9	0.95	II
Pointer Spot 75 LV 35° 375Lm 3000K 1-10V & Push	0T2703XXWH02	220-240V	x	6.6	5.7	85	6.2	0.95	II
Pointer Spot 75 LV 35° 400Lm 4000K 1-10V & Push	0T2703XXWJ02	220-240V	x	6.6	6.1	85	6.4	0.95	II
Pointer Spot 75 LV 60° 400Lm 2700K 1-10V & Push	0T2703XXWK02	220-240V	x	6.6	6.1	85	16.4	0.95	II
Pointer Spot 75 LV 60° 425Lm 3000K 1-10V & Push	0T2703XXWL02	220-240V	x	6.6	6.4	85	16.6	0.95	II
Pointer Spot 75 LV 60° 450Lm 4000K 1-10V & Push	0T2703XXWM02	220-240V	x	6.6	6.8	85	16.8	0.95	II
Pointer Spot 75 LV 35° 350Lm 2700K Dali	0T2703XXL002	220-240V	x	6.6	5.3	85	5.9	0.95	II
Pointer Spot 75 LV 35° 375Lm 3000K Dali	0T2703XXL102	220-240V	x	6.6	5.7	85	6.2	0.95	II
Pointer Spot 75 LV 35° 400Lm 4000K Dali	0T2703XXL202	220-240V	x	6.6	6.1	85	6.4	0.95	II
Pointer Spot 75 LV 60° 400Lm 2700K Dali	0T2703XXL302	220-240V	x	6.6	6.1	85	16.4	0.95	II
Pointer Spot 75 LV 60° 425Lm 3000K Dali	0T2703XXL402	220-240V	x	6.6	6.4	85	16.6	0.95	II
Pointer Spot 75 LV 60° 450Lm 4000K Dali	0T2703XXL502	220-240V	x	6.6	6.8	85	16.8	0.95	II
Pointer Spot 75 LV-C 500mA 35° 350Lm 2700K Dim	0T2703XXLGE2	500mA	11.4	5.7	6.1	85	5.9	x	III
Pointer Spot 75 LV-C 500mA 35° 375Lm 3000K Dim	0T2703XXLHE2	500mA	11.4	5.7	6.6	85	6.2	x	III
Pointer Spot 75 LV-C 500mA 35° 400Lm 4000K Dim	0T2703XXLE2	500mA	11.4	5.7	7.0	85	7.9	x	III
Pointer Spot 75 LV-C 500mA 60° 400Lm 2700K Dim	0T2703XXLKE2	500mA	11.4	5.7	7.0	85	16.4	x	III
Pointer Spot 75 LV-C 500mA 60° 425Lm 3000K Dim	0T2703XXLLE2	500mA	11.4	5.7	7.5	85	16.6	x	III
Pointer Spot 75 LV-C 500mA 60° 450Lm 4000K Dim	0T2703XXLME2	500mA	11.4	5.7	7.9	85	16.8	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%).



## POINTER SPOT OPTIONS

See pricelist 2023 page 8-9



Pointer Spot SM 1L  
240 x 50 x 32

Pointer Spot SM 2L  
303x50x32

Pointer Spot Track 3F

Pointer Spot Track 48V

## COLOURS



Matt white  
RAL 9016 (XX+MW)

Matt black  
RAL 9005 (XX+BL)

## TRACKS 230V & 48V



On request! Ask our sales department about the possibilities.

## SPRINGS



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

NEW

New IP65 version! Available from Q2 2023.



ø 80 mm

BEAM ANGLE



COLOURS



Matt black  
RAL 9005

Matt white  
RAL 9016

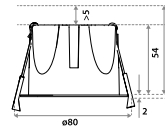
Housing/ Reflector ring	Item code	Housing/ Reflector ring	Item code
White/Gold	XX-61	Black/Gold	XX-71
White/Silver	XX-63	Black/Silver	XX-74
White/Black	XX-62	Black/Black	XX-72
White/White	XX-65	Black/White	XX-76

SPRINGS

Standard with WS springs (gyproc/metal). No other springs available.

# 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

CRI97 standard	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	100	4.0	375	400	425	94	100	106
Special request	250	9.8	850	900	1000	87	92	102
Standard	350	13.8	1150	1250	1350	83	91	98

CRI80 * special request	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	100	4.0	475	500	525	119	125	131
Special request	250	9.8	1125	1175	1225	115	120	125
Special request	350	13.8	1550	1625	1700	112	118	123

\* Not for IP65 version



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 may it be exposed to water splashes, and only on its front side.



eldoLED   
CASAMBI

ITEM SPECIFICATIONS See pricelist 2023 page 10-11

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 1150Lm 2700K CRI97 No dim	85RH03XX9K02	22.8	85RH03XX9L02	23.7	85RH03XX9M02	28.1	13.8	83	97	0.95	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	0.95	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	0.95	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 Triac dim	85RL03XX9A02	23.1	85RL03XX9D02	24.0	85RL03XX9G02	28.4	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Dali	85RL03XX9B02	23.1	85RL03XX9E02	24.0	85RL03XX9H02	28.4	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Casambi	85RL03XX9C02	23.1	85RL03XX9F02	24.0	85RL03XX9I02	28.4	13.8	91	97	0.95	II

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

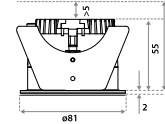
Description Strada 68	24°		60°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR					
LV 1150Lm 2700K CRI97 No dim	85RN03XX9K02	22.8	85RN03XX9L02	23.7	85RN03XX9M02	28.1	13.8	83	97	0.95	II
LV 1150Lm 2700K CRI97 Dali	85RN03XX9B02	22.8	85RN03XX9E02	23.7	85RN03XX9H02	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	0.95	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	0.95	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 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

## 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

CRI97 standard	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	100	4.0	375	400	425	94	100	106
Special request	250	9.8	850	900	1000	87	92	102
Standard	350	13.8	1150	1250	1350	8.3	91	98

CRI80 special request	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	100	4.0	475	500	525	119	125	131
Special request	250	9.8	1125	1175	1225	115	120	125
Special request	350	13.8	1550	1625	1700	112	118	123



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 may it be exposed to water splashes, and only on its front side.



ledoLED SHC CTE TCS  
CASAMBI LUMILEDS CREE bridgelux

## ITEM SPECIFICATIONS See pricelist 2023 page 12-13

Description Strada 75	40°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
HV-FD 600Lm 2700K Triac dim	852A03XX5A02	14,7	852A03XX5B02	25,9	10,5	57	93	0,99	I
HV-FD 600Lm 3000K Triac dim	852A03XX5C02	14,7	852A03XX5D02	25,9	10,3	58	93	0,99	I
HV-FD 600Lm 4000K Triac dim	852A03XX5E02	14,7	852A03XX5F02	25,9	10,1	59	93	0,99	I
HV-FD 600Lm 2200-3000K Triac dim	852A03XX5G02	14,7	852A03XX5H02	25,9	10,3	58	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 1150Lm 2700K CRI97 No dim	855A03XX4K02	22,8	855A03XX4L02	23,7	855A03XX4M02	28,1	13,8	83	97	0,95	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	0,95	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	0,95	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 Triac dim	855E03XX4A02	23,1	855E03XX4D02	24,0	855E03XX4G02	28,4	13,8	91	97	0,95	II
LV 1250Lm 1800-3000K Dali	855E03XX4B02	23,1	855E03XX4E02	24,0	855E03XX4H02	28,4	13,8	91	97	0,95	II
LV 1250Lm 1800-3000K Casambi	855E03XX4C02	23,1	855E03XX4F02	24,0	855E03XX4J02	28,4	13,8	91	97	0,95	II
LV-TW 1250Lm 2700-6500K Dali	-	-	856A03XX4W02	24,0	856A03XX4Y02	28,4	11,4	110	85/94	0,90	II
LV-TW 1250Lm 2700-6500K Casambi	-	-	856A03XX4X02	24,0	856A03XX4Z02	28,4	11,4	110	85/94	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 page 188-189 for the HV-FD dimmerlist.



STRADA 75



Ø 81 mm

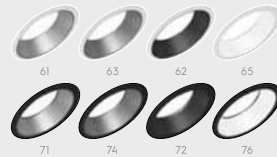
## BEAM ANGLE



## COLOURS



Matt black RAL 9005  
Matt white RAL 9016



Housing/ Reflector ring	Item code	Housing/ Reflector 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

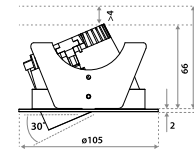


Standard with CS springs (concrete/gyproc). Also available as above with WS springs (gyproc/metal).

FIXED

# Strada 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
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

CRI97 standard	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	100	4.0	375	400	425	94	100	106
Special request	250	9.8	850	900	1000	87	92	102
Standard	350	13.8	1150	1250	1350	83	91	98

CRI80 special request	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	100	4.0	475	500	525	119	125	131
Special request	250	9.8	1125	1175	1225	115	120	125
Special request	350	13.8	1550	1625	1700	112	118	123



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.

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



eldoLED **SHC** **ETE** **TCB**  
CASAMBI **LUMILEDS** **CREE** **bridgelux**

## ITEM SPECIFICATIONS See pricelist 2023 page 14-15

Description Strada 90	40°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
HV-FD 600Lm 2700K Triac dim	852B03XX5A02	14,7	852B03XX5B02	25,9	10,5	57	93	0,99	I
HV-FD 600Lm 3000K Triac dim	852B03XX5C02	14,7	852B03XX5D02	25,9	10,3	58	93	0,99	I
HV-FD 600Lm 4000K Triac dim	852B03XX5E02	14,7	852B03XX5F02	25,9	10,1	59	93	0,99	I
HV-FD 600Lm 2200-3000K Triac dim	852B03XX5G02	14,7	852B03XX5H02	25,9	10,3	58	93	0,99	I

Description Strada 90	24°		60°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR					
LV 1150Lm 2700K CRI97 No dim	855C03XX4K02	22,8	855C03XX4L02	23,7	855C03XX4M02	24,1	13,8	83	97	0,95	II
LV 1150Lm 2700K CRI97 Dali	855C03XX4B02	22,8	855C03XX4E02	23,7	855C03XX4H02	24,1	13,8	83	97	0,95	II
LV 1250Lm 3000K CRI97 No dim	855D03XX4K02	23,1	855D03XX4L02	24,0	855D03XX4M02	24,4	13,8	91	97	0,95	II
LV 1250Lm 3000K CRI97 Dali	855D03XX4B02	23,1	855D03XX4E02	24,0	855D03XX4H02	24,4	13,8	91	97	0,95	II
LV 1350Lm 4000K CRI97 No dim	855H03XX4K02	23,4	855H03XX4L02	24,2	855H03XX4M02	24,7	13,8	98	97	0,95	II
LV 1350Lm 4000K CRI97 Dali	855H03XX4B02	23,4	855H03XX4E02	24,2	855H03XX4H02	24,7	13,8	98	97	0,95	II
LV 1250Lm 1800-3000K Triac dim	855F03XX4A02	23,1	855F03XX4D02	24,0	855F03XX4G02	24,4	13,8	91	97	0,95	II
LV 1250Lm 1800-3000K Dali	855F03XX4B02	23,1	855F03XX4E02	24,0	855F03XX4H02	24,4	13,8	91	97	0,95	II
LV 1250Lm 1800-3000K Casambi	855F03XX4C02	23,1	855F03XX4F02	24,0	855F03XX4J02	24,4	13,8	91	97	0,95	II
LV-TW 1250Lm 2700-6500K Dali	-	-	856B03XX4W02	24,0	856B03XX4Y02	24,4	11,4	110	85/94	0,90	II
LV-TW 1250Lm 2700-6500K Casambi	-	-	856B03XX4X02	24,0	856B03XX4Z02	24,4	11,4	110	85/94	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 page 188-189 for the HV-FD dimmerlist.



Ø 105 mm

## BEAM ANGLE

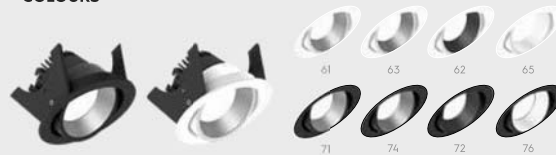


Reflector  
LV: 24° / 60°  
LV-TW: 60°

Lens  
HV-FD: 40°

Diffuser  
HV-FD: 80°  
LV-TW: 80°

## COLOURS



Matt black  
RAL 9005

Matt white  
RAL 9016

Housing/ Reflector ring	Item code	Housing/ Reflector 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

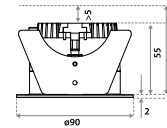


Standard with CS springs (concrete/gyproc). Also available as above with WS springs (gyproc/metal).

ADJUSTABLE

# Fluxe 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

CRI97 standard	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	100	4.0	375	400	425	94	100	106
Special request	250	9.8	850	900	1000	87	92	102
Standard	350	13.8	1150	1250	1350	8.3	91	98

CRI80 special request	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	100	4.0	475	500	525	119	125	131
Special request	250	9.8	1125	1175	1225	115	120	125
Special request	350	13.8	1550	1625	1700	112	118	123



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 may it be exposed to water splashes, and only on its front side.



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

eldoLED **SHC** **ETE** **TCB**  
CASAMBI **LUMILEDS** **CREE** **bridgelux**

## ITEM SPECIFICATIONS See pricelist 2023 page 16-17

Description Fluxe 75	40°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
HV-FD 600Lm 2700K Triac dim	802A03XX5A02	14,7	802A03XX5B02	25,9	10,5	57	93	0,99	I
HV-FD 600Lm 3000K Triac dim	802A03XX5C02	14,7	802A03XX5D02	25,9	10,3	58	93	0,99	I
HV-FD 600Lm 4000K Triac dim	802A03XX5E02	14,7	802A03XX5F02	25,9	10,1	59	93	0,99	I
HV-FD 600Lm 2200-3000K Triac dim	802A03XX5G02	14,7	802A03XX5H02	25,9	10,3	58	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 1150Lm 2700K CRI97 No dim	805A03XX4K02	22,8	805A03XX4L02	23,7	805A03XX4M02	28,1	13,8	83	97	0,95	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	0,95	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	0,95	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 Triac dim	805E03XX4A02	23,1	805E03XX4D02	24,0	805E03XX4G02	28,4	13,8	91	97	0,95	II
LV 1250Lm 1800-3000K Dali	805E03XX4B02	23,1	805E03XX4E02	24,0	805E03XX4H02	28,4	13,8	91	97	0,95	II
LV 1250Lm 1800-3000K Casambi	805E03XX4C02	23,1	805E03XX4F02	24,0	805E03XX4J02	28,4	13,8	91	97	0,95	II
LV-TW 1250Lm 2700-6500K Dali	-	-	806A03XX4W02	24,0	806A03XX4Y02	28,4	11,4	110	85/94	0,90	II
LV-TW 1250Lm 2700-6500K Casambi	-	-	806A03XX4X02	24,0	806A03XX4Z02	28,4	11,4	110	85/94	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 page 188-189 for the HV-FD dimmerlist.



FLUXE 75



ø 90 mm

## BEAM ANGLE



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

Lens  
HV-FD: 40°

Diffuser  
HV-FD: 80°  
LV-TW: 80°

## COLOURS



Matt white  
RAL 9016 (XX+MW)

Matt black  
RAL 9005 (XX+BL)

## SPRINGS

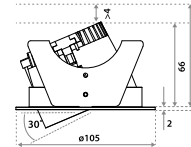


Standard with CS springs (concrete/gyproc).  
Also available as above with WS springs (gyproc/metal).

FIXED

# Fluxe 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
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

CRI97 standard	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	100	4.0	375	400	425	94	100	106
Special request	250	9.8	850	900	1000	87	92	102
Standard	350	13.8	1150	1250	1350	83	91	98

CRI80 special request	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	100	4.0	475	500	525	119	125	131
Special request	250	9.8	1125	1175	1225	115	120	125
Special request	350	13.8	1550	1625	1700	112	118	123



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.

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



eldoLED **SHC** **ETE** **TCB**  
CASAMBI **LUMILEDS** **CREE** **bridgelux**

## ITEM SPECIFICATIONS See pricelist 2023 page 18-19

Description Fluxe 90	40°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
HV-FD 600Lm 2700K Triac dim	802B03XX5A02	14,7	802B03XX5B02	25,9	10,5	57	93	0,99	I
HV-FD 600Lm 3000K Triac dim	802B03XX5C02	14,7	802B03XX5D02	25,9	10,3	58	93	0,99	I
HV-FD 600Lm 4000K Triac dim	802B03XX5E02	14,7	802B03XX5F02	25,9	10,1	59	93	0,99	I
HV-FD 600Lm 2200-3000K Triac dim	802B03XX5G02	14,7	802B03XX5H02	25,9	10,3	58	93	0,99	I

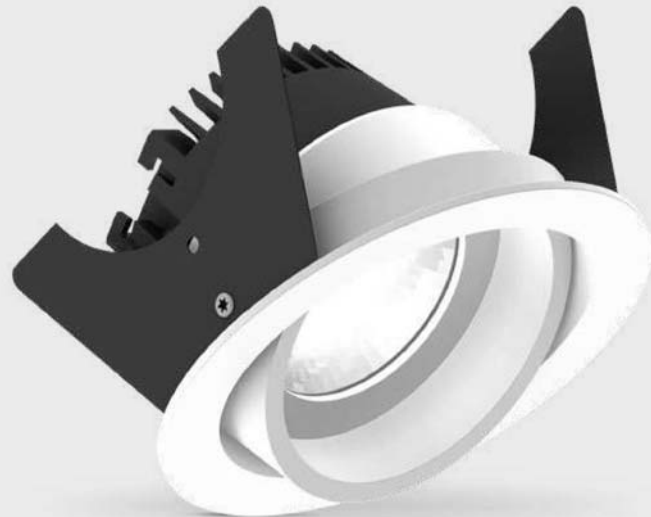
Description Fluxe 90	24°		60°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR					
LV 1150Lm 2700K CRI97 No dim	805C03XX4K02	22,8	805C03XX4L02	23,7	805C03XX4M02	28,1	13,8	83	97	0,95	II
LV 1150Lm 2700K CRI97 Dali	805C03XX4B02	22,8	805C03XX4E02	23,7	805C03XX4H02	28,1	13,8	83	97	0,95	II
LV 1250Lm 3000K CRI97 No dim	805D03XX4K02	23,1	805D03XX4L02	24,0	805D03XX4M02	28,4	13,8	91	97	0,95	II
LV 1250Lm 3000K CRI97 Dali	805D03XX4B02	23,1	805D03XX4E02	24,0	805D03XX4H02	28,4	13,8	91	97	0,95	II
LV 1350Lm 4000K CRI97 No dim	805H03XX4K02	23,4	805H03XX4L02	24,2	805H03XX4M02	28,7	13,8	98	97	0,95	II
LV 1350Lm 4000K CRI97 Dali	805H03XX4B02	23,4	805H03XX4E02	24,2	805H03XX4H02	28,7	13,8	98	97	0,95	II
LV 1250Lm 1800-3000K Triac dim	805F03XX4A02	23,1	805F03XX4D02	24,0	805F03XX4G02	28,4	13,8	91	97	0,95	II
LV 1250Lm 1800-3000K Dali	805F03XX4B02	23,1	805F03XX4E02	24,0	805F03XX4H02	28,4	13,8	91	97	0,95	II
LV 1250Lm 1800-3000K Casambi	805F03XX4C02	23,1	805F03XX4F02	24,0	805F03XX4J02	28,4	13,8	91	97	0,95	II
LV-TW 1250Lm 2700-6500K Dali	-	-	806B03XX4W02	24,0	806B03XX4Y02	28,4	11,4	110	85/94	0,90	II
LV-TW 1250Lm 2700-6500K Casambi	-	-	806B03XX4X02	24,0	806B03XX4Z02	28,4	11,4	110	85/94	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 page 188-189 for the HV-FD dimmerlist.



FLUXE 90



Ø 105 mm

## BEAM ANGLE



## COLOURS



## SPRINGS

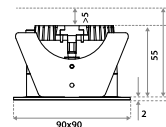


ADJUSTABLE



# Fabio 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

CRI97 standard	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	100	4.0	375	400	425	94	100	106
Special request	250	9.8	850	900	1000	87	92	102
Standard	350	13.8	1150	1250	1350	83	91	98

CRI80 special request	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	100	4.0	475	500	525	119	125	131
Special request	250	9.8	1125	1175	1225	115	120	125
Special request	350	13.8	1550	1625	1700	112	118	123



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 may it be exposed to water splashes, and only on its front side.



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



## ITEM SPECIFICATIONS See pricelist 2023 page 20-21

Description	60°		80°		W per lamp	Lm/W	CRI (typ.)	P <sub>f</sub>	Safety class
	Item code	UGR	Item code	UGR					
Fabio 75									
HV-FD 600Lm 2700K Triac dim	-	-	832A03XX5B02	25.9	10.5	57	93	0.99	I
HV-FD 600Lm 3000K Triac dim	-	-	832A03XX5D02	25.9	10.3	58	93	0.99	I
HV-FD 600Lm 4000K Triac dim	-	-	832A03XX5F02	25.9	10.1	59	93	0.99	I
HV-FD 600Lm 2200-3000K Triac dim	-	-	832A03XX5H02	25.9	10.3	58	93	0.99	I
LV 1150Lm 2700K CRI97 No dim	835A03XX4L02	23.7	835A03XX4M02	28.1	13.8	83	97	0.95	II
LV 1150Lm 2700K CRI97 Dali	835A03XX4E02	23.7	835A03XX4H02	28.1	13.8	83	97	0.95	II
LV 1250Lm 3000K CRI97 No dim	835B03XX4L02	24.0	835B03XX4M02	28.4	13.8	91	97	0.95	II
LV 1250Lm 3000K CRI97 Dali	835B03XX4E02	24.0	835B03XX4H02	28.4	13.8	91	97	0.95	II
LV 1350Lm 4000K CRI97 No dim	835G03XX4L02	24.2	835G03XX4M02	28.7	13.8	98	97	0.95	II
LV 1350Lm 4000K CRI97 Dali	835G03XX4E02	24.2	835G03XX4H02	28.7	13.8	98	97	0.95	II
LV 1250Lm 1800-3000K Triac dim	835E03XX4D02	24.0	835E03XX4G02	28.4	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Dali	835E03XX4E02	24.0	835E03XX4H02	28.4	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Casambi	835E03XX4F02	24.0	835E03XX4J02	28.4	13.8	91	97	0.95	II
LV-TW 1250Lm 2700-6500K Dali	836A03XX4W02	24.0	836A03XX4Y02	28.4	11.4	110	85/94	0.90	II
LV-TW 1250Lm 2700-6500K Casambi	836A03XX4X02	24.0	836A03XX4Z02	28.4	11.4	110	85/94	0.90	II

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

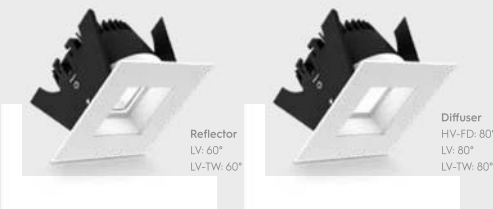
All values are measured at 230V (+/- 7%). See page 188-189 for the HV-FD dimmerlist.



FABIO 75

18

## BEAM ANGLE



## COLOURS



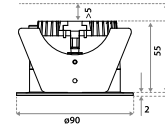
## SPRINGS



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

# 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

CRI97 standard	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	100	4.0	375	400	425	94	100	106
Special request	250	9.8	850	900	1000	87	92	102
Standard	350	13.8	1150	1250	1350	8.3	91	98

CRI80 special request	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	100	4.0	475	500	525	119	125	131
Special request	250	9.8	1125	1175	1225	115	120	125
Special request	350	13.8	1550	1625	1700	112	118	123



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 may it be exposed to water splashes, and only on its front side.



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

eldoLED **SHC** **ETE** **TKB**  
CASAMBI **LUMILEDS** **CREE** **bridgelux**

## ITEM SPECIFICATIONS See pricelist 2023 page 22-23

Description Linea 75	40°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
HV-FD 600Lm 2700K Triac dim	912A03XX5A02	14,7	912A03XX5B02	25,9	10,5	57	93	0,99	I
HV-FD 600Lm 3000K Triac dim	912A03XX5C02	14,7	912A03XX5D02	25,9	10,3	58	93	0,99	I
HV-FD 600Lm 4000K Triac dim	912A03XX5E02	14,7	912A03XX5F02	25,9	10,1	59	93	0,99	I
HV-FD 600Lm 2200-3000K Triac dim	912A03XX5G02	14,7	912A03XX5H02	25,9	10,3	58	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 1150Lm 2700K CRI97 No dim	915A03XX4K02	22,8	915A03XX4L02	23,7	915A03XX4M02	28,1	13,8	83	97	0,95	II
LV 1150Lm 2700K CRI97 Dali	915A03XX4B02	22,8	915A03XX4E02	23,7	915A03XX4H02	28,1	13,8	83	97	0,95	II
LV 1250Lm 3000K CRI97 No dim	915B03XX4K02	23,1	915B03XX4L02	24,0	915B03XX4M02	28,4	13,8	91	97	0,95	II
LV 1250Lm 3000K CRI97 Dali	915B03XX4B02	23,1	915B03XX4E02	24,0	915B03XX4H02	28,4	13,8	91	97	0,95	II
LV 1350Lm 4000K CRI97 No dim	915G03XX4K02	23,4	915G03XX4L02	24,2	915G03XX4M02	28,7	13,8	98	97	0,95	II
LV 1350Lm 4000K CRI97 Dali	915G03XX4B02	23,4	915G03XX4E02	24,2	915G03XX4H02	28,7	13,8	98	97	0,95	II
LV 1250Lm 1800-3000K Triac dim	915E03XX4A02	23,1	915E03XX4D02	24,0	915E03XX4G02	28,4	13,8	91	97	0,95	II
LV 1250Lm 1800-3000K Dali	915E03XX4B02	23,1	915E03XX4E02	24,0	915E03XX4H02	28,4	13,8	91	97	0,95	II
LV 1250Lm 1800-3000K Casambi	915E03XX4C02	23,1	915E03XX4F02	24,0	915E03XX4J02	28,4	13,8	91	97	0,95	II
LV-TW 1250Lm 2700-6500K Dali	-	-	916A03XX4W02	24,0	916A03XX4Y02	28,4	11,4	110	85/94	0,90	II
LV-TW 1250Lm 2700-6500K Casambi	-	-	916A03XX4X02	24,0	916A03XX4Z02	28,4	11,4	110	85/94	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 page 188-189 for the HV-FD dimmerlist.



LINEA 75



ø 90 mm

## BEAM ANGLE

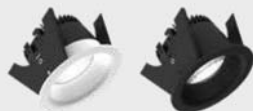


Reflector  
LV: 24° / 60°  
LV-TW: 60°

Lens  
HV-FD: 40°

Diffuser  
HV-FD: 80°  
LV-TW: 80°

## 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).

DOWNLIGHTS (SMALL)

FIDO 98



FIXED



85

Living room  
-  
Fido 98 HV-FD  
4000K 600Lm 40°

# Fido 98

NEW

LV versions



∅ 104 mm

### BEAM ANGLE



### COLOURS



Matt black  
RAL 9005

Matt white  
RAL 9016

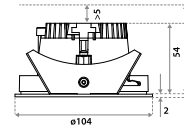
Housing/ Reflector ring	Item code	Housing/ Reflector ring	Item code
White/Gold	XX-61	Black/Gold	XX-71
White/Black	XX-62	Black/Black	XX-72
White/White	XX-65	Black/White	XX-76

### SPRINGS



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

### 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



Using CS springs: ∅ 98 mm.  
Thickness ceiling 5-59 mm  
& recess depth 59 mm.

Using WS springs: ∅ 98 mm.  
Thickness ceiling 1-50 mm  
& recess depth 59 mm.

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 See pricelist 2023 page 24-25

Description Fido 98	40°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
HV-FD 600Lm 2700K Triac dim	F12A03XX5A02	12.7	F12A03XX5B02	23.8	10.5	57	95	0.99	I
HV-FD 600Lm 3000K Triac dim	F12A03XX5C02	12.7	F12A03XX5D02	23.8	10.3	58	95	0.99	I
HV-FD 600Lm 4000K Triac dim	F12A03XX5E02	12.7	F12A03XX5F02	23.8	10.1	59	95	0.99	I
HV-FD 600Lm 2200-3000K Triac dim	F12A03XX5G02	12.7	F12A03XX5H02	23.8	10.3	58	95	0.99	I

Description Fido 98	24°		60°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR					
LV 1150Lm 2700K CRI97 No dim	F15A03XX4K02	20.8	F15A03XX4L02	21.6	F15A03XX4M02	26.1	13.8	83	97	0.95	II
LV 1150Lm 2700K CRI97 Dali	F15A03XX4B02	20.8	F15A03XX4E02	21.6	F15A03XX4H02	26.1	13.8	83	97	0.95	II
LV 1250Lm 3000K CRI97 No dim	F15B03XX4K02	21.1	F15B03XX4L02	21.9	F15B03XX4M02	26.4	13.8	91	97	0.95	II
LV 1250Lm 3000K CRI97 Dali	F15B03XX4B02	21.1	F15B03XX4E02	21.9	F15B03XX4H02	26.4	13.8	91	97	0.95	II
LV 1350Lm 4000K CRI97 No dim	F15G03XX4K02	21.3	F15G03XX4L02	22.2	F15G03XX4M02	26.6	13.8	98	97	0.95	II
LV 1350Lm 4000K CRI97 Dali	F15G03XX4B02	21.3	F15G03XX4E02	22.2	F15G03XX4H02	26.6	13.8	98	97	0.95	II
LV 1250Lm 1800-3000K Triac dim	F15E03XX4A02	21.1	F15E03XX4D02	21.9	F15E03XX4G02	26.4	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Dali	F15E03XX4B02	21.1	F15E03XX4E02	21.9	F15E03XX4H02	26.4	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Casambi	F15E03XX4C02	21.1	F15E03XX4F02	21.9	F15E03XX4J02	26.4	13.8	91	97	0.95	II
LV-TW 1250Lm 2700-6500K Dali	-	-	F16A03XX4W02	21.9	F16A03XX4Y02	26.4	11.4	110	85/94	0.90	II
LV-TW 1250Lm 2700-6500K Casambi	-	-	F16A03XX4X02	21.9	F16A03XX4Z02	26.4	11.4	110	85/94	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 page 188-189 for the HV-FD dimmerlist.



# Colour options

## Fido reflector rings

Housing/ Reflector ring	Item code
White/Gold	XX=61
White/Black	XX=62
White/White	XX=65



XX=61



XX=62



XX=65

Housing/ Reflector ring	Item code
Black/Gold	XX=71
Black/Black	XX=72
Black/White	XX=76



XX=71



XX=72



XX=76

DOWNLIGHTS (SMALL)



FIDO 108

16

ADJUSTABLE

Restaurant  
-  
Fido 108 HV-FD  
3000K 600Lm 40°

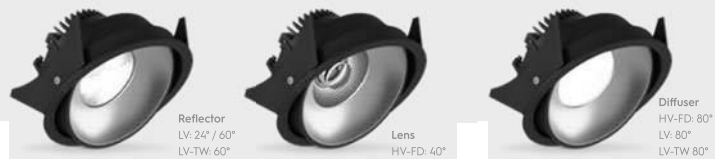
NEW

LV versions

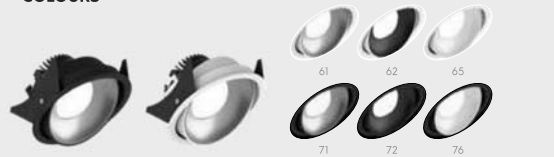


ø 116 mm

BEAM ANGLE



COLOURS



Matt black  
RAL 9005

Matt white  
RAL 9016

Housing/ Reflector ring	Item code	Housing/ Reflector 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

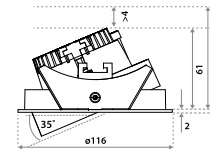
SPRINGS



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

# Fido 108

DIMENSIONS



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 108 mm.  
Thickness ceiling 5-65 mm  
& recess depth 65 mm.

Using WS springs: Ø 108 mm.  
Thickness ceiling 1-30 mm  
& recess depth 65 mm.

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



ITEM SPECIFICATIONS See pricelist 2023 page 26-27

Description Fido 108	40°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
HV-FD 600Lm 2700K Triac dim	F22B03XX5A02	12.7	F22B03XX5B02	23.8	10.5	57	95	0.99	I
HV-FD 600Lm 3000K Triac dim	F22B03XX5C02	12.7	F22B03XX5D02	23.8	10.3	58	95	0.99	I
HV-FD 600Lm 4000K Triac dim	F22B03XX5E02	12.7	F22B03XX5F02	23.8	10.1	59	95	0.99	I
HV-FD 600Lm 2200-3000K Triac dim	F22B03XX5G02	12.7	F22B03XX5H02	23.8	10.3	58	95	0.99	I

Description Fido 108	24°		60°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR					
LV 1150Lm 2700K CRI97 No dim	F25A03XX4K02	20.8	F25A03XX4L02	21.6	F25A03XX4M02	26.1	13.8	83	97	0.95	II
LV 1150Lm 2700K CRI97 Dali	F25A03XX4B02	20.8	F25A03XX4E02	21.6	F25A03XX4H02	26.1	13.8	83	97	0.95	II
LV 1250Lm 3000K CRI97 No dim	F25B03XX4K02	21.1	F25B03XX4L02	21.9	F25B03XX4M02	26.4	13.8	91	97	0.95	II
LV 1250Lm 3000K CRI97 Dali	F25B03XX4B02	21.1	F25B03XX4E02	21.9	F25B03XX4H02	26.4	13.8	91	97	0.95	II
LV 1350Lm 4000K CRI97 No dim	F25G03XX4K02	21.3	F25G03XX4L02	22.2	F25G03XX4M02	26.6	13.8	98	97	0.95	II
LV 1350Lm 4000K CRI97 Dali	F25G03XX4B02	21.3	F25G03XX4E02	22.2	F25G03XX4H02	26.6	13.8	98	97	0.95	II
LV 1250Lm 1800-3000K Triac dim	F25E03XX4A02	21.1	F25E03XX4D02	21.9	F25E03XX4G02	26.4	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Dali	F25E03XX4B02	21.1	F25E03XX4E02	21.9	F25E03XX4H02	26.4	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Casambi	F25E03XX4C02	21.1	F25E03XX4F02	21.9	F25E03XX4J02	26.4	13.8	91	97	0.95	II
LV-TW 1250Lm 2700-6500K Dali	-	-	F26A03XX4W02	21.9	F26A03XX4Y02	26.4	11.4	110	85/94	0.90	II
LV-TW 1250Lm 2700-6500K Casambi	-	-	F26A03XX4X02	21.9	F26A03XX4Z02	26.4	11.4	110	85/94	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 page 188-189 for the HV-FD dimmerlist.



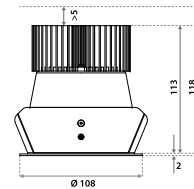
FIDO 108

93

ADJUSTABLE

# Strada 100

## DIMENSIONS



## CHOOSE YOUR LUMEN OUTPUT

	mA	W per lamp	Lumen Output			Lumen / Watt		
			CR180 3000K	CR180 4000K	CR197 3000K	CR180 3000K	CR180 4000K	CR197 3000K
Special request	250	9.4	1200	1400	800	127	149	85
Special request	350	13.2	1650	1900	1100	125	144	83
Special request	500	17.9	2250	2500	1450	125	139	81
Standard	700	27.0	3000	3400	2150	111	126	80
Special request	800	32.1	3400	3750	2500	106	117	78
Special request	900	35.5	3700	4100	2700	104	115	76
Special request	1050	41.7	4200	4700	3000	101	113	72
Standard	1200	50.5	5000	5700	3250 <sup>1</sup>	99	113	64
Special request	1400	57.2	5600	6300	3750 <sup>1</sup>	98	110	66

<sup>1</sup> For large downlights CR197 No dim. <sup>2</sup> For large downlights CR97 1-10V and Dali.

## SPECIFICATIONS

Beam angle (FWHM)	18° / 37° / 60° (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.  
- Extra LED options from the LUXEON Stylist Series (see page 34)



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.



## ITEM SPECIFICATIONS See pricelist 2023 page 28

Description	18°		37°		60°		mA	W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR						
Strada 100												
LV 3000Lm 3000K CR180 No dim	852003XXCA02	18.8	852003XXCB02	18.3	852003XXCC02	21.3	700	27.0	111	82	0.95	I
LV 3000Lm 3000K CR180 1-10V & Push	852003XXNA02	18.8	852003XXNB02	18.3	852003XXNC02	21.3	700	27.0	111	82	0.95	II
LV 3000Lm 3000K CR180 Dali	852003XXPA02	18.8	852003XXPB02	18.3	852003XXPC02	21.3	700	27.0	111	82	0.95	II
LV 3400Lm 4000K CR180 No dim	852003XXCD02	19.2	852003XXCE02	18.7	852003XXCF02	21.7	700	27.0	126	82	0.95	I
LV 3400Lm 4000K CR180 1-10V & Push	852003XXND02	19.2	852003XXNE02	18.7	852003XXNF02	21.7	700	27.0	126	82	0.95	II
LV 3400Lm 4000K CR180 Dali	852003XXPD02	19.2	852003XXPE02	18.7	852003XXPF02	21.7	700	27.0	126	82	0.95	II
LV 2500Lm 3000K CR197 No dim	852003XXCG02	18.1	852003XXCH02	17.6	852003XXCJ02	20.6	800	32.1	78	97	0.95	I
LV 2500Lm 3000K CR197 1-10V & Push	852003XXNG02	18.1	852003XXNH02	17.6	852003XXNJ02	20.6	800	32.1	78	97	0.95	II
LV 2500Lm 3000K CR197 Dali	852003XXPG02	18.1	852003XXPH02	17.6	852003XXPJ02	20.6	800	32.1	78	97	0.95	II
LV 5000Lm 3000K CR180 No dim	852003XXCR02	20.5	852003XXCV02	20.0	852003XXCT02	23.1	1200	50.5	99	82	0.95	II
LV 5000Lm 3000K CR180 1-10V & Push	852003XXNR02	20.5	852003XXNV02	20.0	852003XXNT02	23.1	1200	50.5	99	82	0.95	II
LV 5000Lm 3000K CR180 Dali	852003XXPR02	20.5	852003XXPV02	20.0	852003XXPT02	23.1	1200	50.5	99	82	0.95	I
LV 5700Lm 4000K CR180 No dim	852003XXCV02	21.0	852003XXCV02	20.5	852003XXCV02	23.5	1200	50.5	113	82	0.95	II
LV 5700Lm 4000K CR180 1-10V & Push	852003XXNV02	21.0	852003XXNV02	20.5	852003XXNV02	23.5	1200	50.5	113	82	0.95	II
LV 5700Lm 4000K CR180 Dali	852003XXPR02	21.0	852003XXPV02	20.5	852003XXPT02	23.5	1200	50.5	113	82	0.95	I
LV 3250Lm 3000K CR197 No dim	852003XXFD02	19.0	852003XXFE02	18.5	852003XXFF02	21.6	1200	50.5	64	97	0.95	II
LV 3750Lm 3000K CR197 1-10V & Push	852003XXNR02	19.5	852003XXNS02	19.0	852003XXNT02	22.1	1400	57.2	66	97	0.95	I
LV 3750Lm 3000K CR197 Dali	852003XXPR02	19.5	852003XXPS02	19.0	852003XXPT02	22.1	1400	57.2	66	97	0.95	I

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



STRADA 100



ø 108 mm

## BEAM ANGLE



## COLOURS



Matt black  
RAL 9005

Matt white  
RAL 9016

Housing/ Reflector ring	Item code	Housing/ Reflector 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



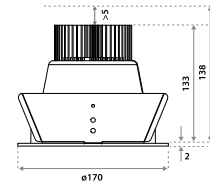
Standard with CS springs (concrete/gyproc). Also available as above with WS springs (gyproc/metal).

FIXED



# Strada 150

## DIMENSIONS



## CHOOSE YOUR LUMEN OUTPUT

	mA	W per lamp	Lumen Output			Lumen / Watt		
			CR180 3000K	CR180 4000K	CR197 3000K	CR180 3000K	CR180 4000K	CR197 3000K
Special request	250	9.4	1200	1400	800	127	149	85
Special request	350	13.2	1650	1900	1100	125	144	83
Special request	500	17.9	2250	2500	1450	125	139	81
Standard	700	27.0	3000	3400	2150	111	126	80
Special request	800	32.1	3400	3750	2500	106	117	78
Special request	900	35.5	3700	4100	2700	104	115	76
Special request	1050	41.7	4200	4700	3000	101	113	72
Standard	1200	50.5	5000	5700	3250 <sup>1</sup>	99	113	64
Special request	1400	57.2	5600	6300	3750 <sup>2</sup>	98	110	66

<sup>1</sup> For large downlights CR197 No dim. <sup>2</sup> For large downlights CR97 1-10V and Dali.

## 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.

- Extra LED options from the LUXEON

Stylist Series (see page 34)



Using CS springs: Ø 160 mm.

Thickness ceiling 5-138 mm & recess depth 138 mm. For plasterboard ceilings or similar harder materials.



Using WS springs: Ø 150-165 mm.

Thickness ceiling 1-35 mm & recess depth 138 mm. For soft ceiling tiles. We recommend using 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	45°		65°		mA	W per lamp	Lm/W	CRI (typ.)	PF	Safety class
	Item code	UGR	Item code	UGR						
Strada 150 LV 3000Lm 3000K CR180 No dim	850503XXIA02	16.3	850503XXIB02	19.2	700	27.0	111	82	0.95	I
Strada 150 LV 3000Lm 3000K CR180 1-10V & Push	850503XXN202	16.3	850503XXN302	19.2	700	27.0	111	82	0.95	II
Strada 150 LV 3000Lm 3000K CR180 Dali	850503XXP202	16.3	850503XXP302	19.2	700	27.0	111	82	0.95	II
Strada 150 LV 3400Lm 4000K CR180 No dim	850503XXIC02	16.7	850503XXID02	19.6	700	27.0	126	82	0.95	I
Strada 150 LV 3400Lm 4000K CR180 1-10V & Push	850503XXN402	16.7	850503XXN502	19.6	700	27.0	126	82	0.95	II
Strada 150 LV 3400Lm 4000K CR180 Dali	850503XXP402	16.7	850503XXP502	19.6	700	27.0	126	82	0.95	II
Strada 150 LV 2500Lm 3000K CR197 No dim	850503XXCX02	15.7	850503XXCY02	18.5	800	32.1	78	97	0.95	I
Strada 150 LV 2500Lm 3000K CR197 1-10V & Push	850503XXN002	15.7	850503XXN102	18.5	800	32.1	78	97	0.95	II
Strada 150 LV 2500Lm 3000K CR197 Dali	850503XXP002	15.7	850503XXP102	18.5	800	32.1	78	97	0.95	II
Strada 150 LV 5000Lm 3000K CR180 No dim	850503XXCK02	18.1	850503XXCL02	20.9	1200	50.5	99	82	0.95	II
Strada 150 LV 5000Lm 3000K CR180 1-10V & Push	850503XXN002	18.1	850503XXN02	20.9	1200	50.5	99	82	0.95	I
Strada 150 LV 5000Lm 3000K CR180 Dali	850503XXP002	18.1	850503XXP02	20.9	1200	50.5	99	82	0.95	I
Strada 150 LV 5700Lm 4000K CR180 No dim	850503XXCM02	18.5	850503XXCN02	21.4	1200	50.5	113	82	0.95	II
Strada 150 LV 5700Lm 4000K CR180 1-10V & Push	850503XXN02	18.5	850503XXN02	21.4	1200	50.5	113	82	0.95	I
Strada 150 LV 5700Lm 4000K CR180 Dali	850503XXP02	18.5	850503XXP02	21.4	1200	50.5	113	82	0.95	I
Strada 150 LV 3250Lm 3000K CR197 No dim	850503XXCP02	16.6	850503XXCQ02	19.4	1200	50.5	64	97	0.95	II
Strada 150 LV 3750Lm 3000K CR197 1-10V & Push	850503XXNY02	17.1	850503XXNZ02	19.9	1400	57.2	66	97	0.95	I
Strada 150 LV 3750Lm 3000K CR197 Dali	850503XXPY02	17.1	850503XXPZ02	19.9	1400	57.2	66	97	0.95	I

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



STRADA 150



Ø 170 mm

## BEAM ANGLE



## COLOURS



Matt black  
RAL 9005

Matt white  
RAL 9016

Housing/ Reflector ring	Item code	Housing/ Reflector 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

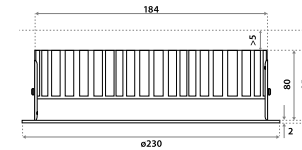


Standard with CS springs (concrete/gyproc). Also available as above with WS springs (gyproc/metal).

FIXED

# Strada 185

## DIMENSIONS



## CHOOSE YOUR LUMEN OUTPUT

	mA	W per lamp	Lumen Output			Lumen / Watt		
			CR180 3000K	CR180 4000K	CR197 3000K	CR180 3000K	CR180 4000K	CR197 3000K
Special request	250	9.4	1200	1400	800	127	149	85
Special request	350	13.2	1650	1900	1100	125	144	83
Special request	500	17.9	2250	2500	1450	125	139	81
Standard	700	27.0	3000	3400	2150	111	126	80
Special request	800	32.1	3400	3750	2500	106	117	78
Special request	900	35.5	3700	4100	2700	104	115	76
Special request	1050	41.7	4200	4700	3000	101	113	72
Standard	1200	50.5	5000	5700	3250 <sup>1</sup>	99	113	64
Special request	1400	57.2	5600	6300	3750 <sup>1</sup>	98	110	66

<sup>1</sup> For large downlights CR197 No dim. <sup>2</sup> For large downlights CR97 1-10V and Dali.

## 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 may it be exposed to water splashes, and only on its front side.



## ITEM SPECIFICATIONS See pricelist 2023 page 34

Description	Item code	UGR	mA	W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
Strada 185 <sup>1</sup>								
Strada 185 LV 3000Lm 3000K CR180 No dim	85IC03XXYR02	24.8	700	27.0	111	82	0.95	I
Strada 185 LV 3000Lm 3000K CR180 1-10V & Push	85IC03XXYH02	24.8	700	27.0	111	82	0.95	II
Strada 185 LV 3000Lm 3000K CR180 Dali	85IC03XXYM02	24.8	700	27.0	111	82	0.95	II
Strada 185 LV 3400Lm 4000K CR180 No dim	85IC03XXYY02	25.3	700	27.0	126	82	0.95	I
Strada 185 LV 3400Lm 4000K CR180 1-10V & Push	85IC03XXYU02	25.3	700	27.0	126	82	0.95	II
Strada 185 LV 3400Lm 4000K CR180 Dali	85IC03XXYW02	25.3	700	27.0	126	82	0.95	II
Strada 185 LV 2500Lm 3000K CR197 No dim	85IC03XXYQ02	24.2	800	32.1	78	97	0.95	I
Strada 185 LV 2500Lm 3000K CR197 1-10V & Push	85IC03XXYG02	24.2	800	32.1	78	97	0.95	II
Strada 185 LV 2500Lm 3000K CR197 Dali	85IC03XXYL02	24.2	800	32.1	78	97	0.95	II
Strada 185 LV 5000Lm 3000K CR180 No dim	85IC03XXYT02	26.6	1200	50.5	99	82	0.95	II
Strada 185 LV 5000Lm 3000K CR180 1-10V & Push	85IC03XXYK02	26.6	1200	50.5	99	82	0.95	I
Strada 185 LV 5000Lm 3000K CR180 Dali	85IC03XXYP02	26.6	1200	50.5	99	82	0.95	I
Strada 185 LV 5700Lm 4000K CR180 No dim	85IC03XXYZ02	27.1	1200	50.5	113	82	0.95	II
Strada 185 LV 5700Lm 4000K CR180 1-10V & Push	85IC03XXYV02	27.1	1200	50.5	113	82	0.95	I
Strada 185 LV 5700Lm 4000K CR180 Dali	85IC03XXYX02	27.1	1200	50.5	113	82	0.95	I
Strada 185 LV 3250Lm 3000K CR197 No dim	85IC03XXYS02	25.1	1200	50.5	64	97	0.95	II
Strada 185 LV 3750Lm 3000K CR197 1-10V & Push	85IC03XXYJ02	25.6	1400	57.2	66	97	0.95	I
Strada 185 LV 3750Lm 3000K CR197 Dali	85IC03XXYN02	25.6	1400	57.2	66	97	0.95	I

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



STRADA 185

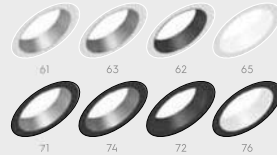


## COLOURS



Matt black  
RAL 9005

Matt white  
RAL 9016



Housing/ Reflector ring	Item code	Housing/ Reflector 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

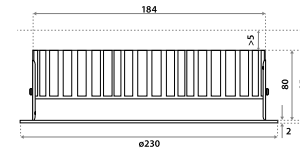
## SPRINGS

No other springs available.

FIXED

# Fluxe 185

## DIMENSIONS



## CHOOSE YOUR LUMEN OUTPUT

	mA	W per lamp	Lumen Output			Lumen / Watt		
			CR180 3000K	CR180 4000K	CR197 3000K	CR180 3000K	CR180 4000K	CR197 3000K
Special request	250	9.4	1200	1400	800	127	149	85
Special request	350	13.2	1650	1900	1100	125	144	83
Special request	500	17.9	2250	2500	1450	125	139	81
Standard	700	27.0	3000	3400	2150	111	126	80
Special request	800	32.1	3400	3750	2500	106	117	78
Special request	900	35.5	3700	4100	2700	104	115	76
Special request	1050	41.7	4200	4700	3000	101	113	72
Standard	1200	50.5	5000	5700	3250 <sup>1</sup>	99	113	64
Special request	1400	57.2	5600	6300	3750 <sup>2</sup>	98	110	66

<sup>1</sup> For large downlights CR197 No dim. <sup>2</sup> For large downlights CR97 1-10V and Dali.

## 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.

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



## ITEM SPECIFICATIONS See pricelist 2023 page 34

Description	Item code	UGR	mA	W per lamp	Lm/W	CRl (typ.)	Pf	Safety class
Fluxe 185 <sup>1</sup>								
Fluxe 185 LV 3000Lm 3000K CR180 No dim	82IC03XXYR02	24.8	700	27.0	111	82	0.95	I
Fluxe 185 LV 3000Lm 3000K CR180 1-10V & Push	82IC03XXYH02	24.8	700	27.0	111	82	0.95	II
Fluxe 185 LV 3000Lm 3000K CR180 Dali	82IC03XXYM02	24.8	700	27.0	111	82	0.95	II
Fluxe 185 LV 3400Lm 4000K CR180 No dim	82IC03XXYY02	25.3	700	27.0	126	82	0.95	I
Fluxe 185 LV 3400Lm 4000K CR180 1-10V & Push	82IC03XXYU02	25.3	700	27.0	126	82	0.95	II
Fluxe 185 LV 3400Lm 4000K CR180 Dali	82IC03XXYW02	25.3	700	27.0	126	82	0.95	II
Fluxe 185 LV 2500Lm 3000K CR197 No dim	82IC03XXYQ02	24.2	800	32.1	78	97	0.95	I
Fluxe 185 LV 2500Lm 3000K CR197 1-10V & Push	82IC03XXYG02	24.2	800	32.1	78	97	0.95	II
Fluxe 185 LV 2500Lm 3000K CR197 Dali	82IC03XXYL02	24.2	800	32.1	78	97	0.95	II
Fluxe 185 LV 5000Lm 3000K CR180 No dim	82IC03XXYT02	26.6	1200	50.5	99	82	0.95	II
Fluxe 185 LV 5000Lm 3000K CR180 1-10V & Push	82IC03XXYK02	26.6	1200	50.5	99	82	0.95	I
Fluxe 185 LV 5000Lm 3000K CR180 Dali	82IC03XXYP02	26.6	1200	50.5	99	82	0.95	I
Fluxe 185 LV 5700Lm 4000K CR180 No dim	82IC03XXYZ02	27.1	1200	50.5	113	82	0.95	II
Fluxe 185 LV 5700Lm 4000K CR180 1-10V & Push	82IC03XXYV02	27.1	1200	50.5	113	82	0.95	I
Fluxe 185 LV 5700Lm 4000K CR180 Dali	82IC03XXYX02	27.1	1200	50.5	113	82	0.95	I
Fluxe 185 LV 3250Lm 3000K CR197 No dim	82IC03XXYS02	25.1	1200	50.5	64	97	0.95	II
Fluxe 185 LV 3750Lm 3000K CR197 1-10V & Push	82IC03XXYJ02	25.6	1400	57.2	66	97	0.95	I
Fluxe 185 LV 3750Lm 3000K CR197 Dali	82IC03XXYN02	25.6	1400	57.2	66	97	0.95	I

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



FLUXE 185

ø 230 mm

## COLOURS



Matt white  
RAL 9016 (XX+MW)

Matt black  
RAL 9005 (XX+BL)

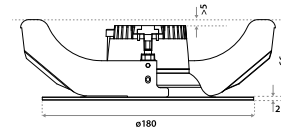
## SPRINGS

No other springs available.

FIXED

# Linea 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 <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



## CHOOSE YOUR LV LUMEN OUTPUT

CRI97 standard	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	100	4.0	375	400	425	94	100	106
Special request	250	9.8	850	900	1000	87	92	102
Standard	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

CRI80 special request	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	100	4.0	475	500	525	119	125	131
Special request	250	9.8	1125	1175	1225	115	120	125
Special request	350	13.8	1550	1625	1700	112	118	123
Special request	450	18.0	1950	2025	2100	108	113	117
Special request	500	20.1	2175	2250	2325	108	112	116



Using G5 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 1-35 mm. Thickness ceiling 1-35 & 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.



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

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 See pricelist 2023 page 31-33

Description	40°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
Linea 120									
HV-FD 600Lm 2700K Triac dim	892A03XX5J02	9.5	892A03XX5K02	20.6	10.5	57	93	0.99	I
HV-FD 600Lm 3000K Triac dim	892A03XX5L02	9.5	892A03XX5M02	20.6	10.3	58	93	0.99	I
HV-FD 600Lm 4000K Triac dim	892A03XX5N02	9.5	892A03XX5P02	20.6	10.1	59	93	0.99	I
HV-FD 600Lm 2200-3000K Triac dim	892A03XX5Q02	9.5	892A03XX5R02	20.6	10.3	58	93	0.99	I

Description	24°		60°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR					
LV 1150Lm 2700K No dim (13.8W)	895A03XX2J02	17.6	895A03XX2V02	18.5	895A03XX2W02	22.9	13.8	83	97	0.95	II
LV 1150Lm 2700K Dali (13.8W)	895A03XX2L02	17.6	895A03XX2P02	18.5	895A03XX2S02	22.9	13.8	83	97	0.95	II
LV 1250Lm 3000K No dim (13.8W)	895B03XX2J02	17.9	895B03XX2V02	18.8	895B03XX2W02	23.2	13.8	91	97	0.95	II
LV 1250Lm 3000K Dali (13.8W)	895B03XX2L02	17.9	895B03XX2P02	18.8	895B03XX2S02	23.2	13.8	91	97	0.95	II
LV 1350Lm 4000K No dim (13.8W)	895G03XX2J02	18.2	895G03XX2V02	19.0	895G03XX2W02	23.5	13.8	98	97	0.95	II
LV 1350Lm 4000K Dali (13.8W)	895G03XX2L02	18.2	895G03XX2P02	19.0	895G03XX2S02	23.5	13.8	98	97	0.95	II
LV 1625Lm 2700K No dim (20.1W)	895K03XX2J02	18.8	895K03XX2V02	19.7	895K03XX2W02	24.1	20.1	81	97	0.95	II
LV 1625Lm 2700K Dali (20.1W)	895K03XX2L02	18.8	895K03XX2P02	19.7	895K03XX2S02	24.1	20.1	81	97	0.95	II
LV 1800Lm 3000K No dim (20.1W)	895L03XX2J02	19.1	895L03XX2V02	20.0	895L03XX2W02	24.5	20.1	89	97	0.95	II
LV 1800Lm 3000K Dali (20.1W)	895L03XX2L02	19.1	895L03XX2P02	20.0	895L03XX2S02	24.5	20.1	89	97	0.95	II
LV 1925Lm 4000K No dim (20.1W)	895M03XX2J02	19.4	895M03XX2V02	20.3	895M03XX2W02	24.7	20.1	96	97	0.95	II
LV 1925Lm 4000K Dali (20.1W)	895M03XX2L02	19.4	895M03XX2P02	20.3	895M03XX2S02	24.7	20.1	96	97	0.95	II
LV 1250Lm 1800-3000K Triac dim (13.8W)	895E03XX2K02	17.9	895E03XX2N02	18.8	895E03XX2R02	23.2	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Dali (13.8W)	895E03XX2L02	17.9	895E03XX2P02	18.8	895E03XX2S02	23.2	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Casambi (13.8W)	895E03XX2M02	17.9	895E03XX2Q02	18.8	895E03XX2T02	23.2	13.8	91	97	0.95	II
LV-TW 1250Lm 2700-6500K Dali	-	-	896B03XX2B02	18.8	896B03XX2D02	23.2	11.4	110	85/94	0.90	II
LV-TW 1250Lm 2700-6500K Casambi	-	-	896B03XX2C02	18.8	896B03XX2E02	23.2	11.4	110	85/94	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 page 188-189 for the HV-FD dimmerlist.



LINEA 120



Ø 180 mm

## BEAM ANGLE



## COLOURS



Matt white  
RAL 9016 (XX+MW)  
Matt black  
RAL 9005 (XX+BL)

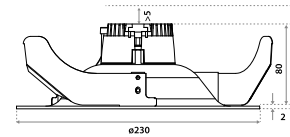
## SPRINGS



Standard with G5 springs (concrete/gyproc).  
Also available as above with WS springs (gyproc/metal).

# Linea 185

## 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

IP20<sup>1</sup> IP65

MADE IN HOLLAND

7 YEAR WARRANTY

ECO

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

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

CRI97 standard	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	100	4.0	375	400	425	94	100	106
Special request	250	9.8	850	900	1000	87	92	102
Standard	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
Special request	600	23.9	1900	2050	2225	80	86	93
Standard	650	26.0	2050	2250	2400	79	86	92

CRI80 special request	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	100	4.0	475	500	525	119	125	131
Special request	250	9.8	1125	1175	1225	115	120	125
Special request	350	13.8	1550	1625	1700	112	118	123
Special request	450	18.0	1950	2025	2100	108	113	117
Special request	500	20.1	2175	2250	2325	108	112	116
Special request	600	23.9	2475	2575	2675	104	108	112
Special request	650	26.0	2600	2700	2800	100	104	108

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 185-210 mm. Thickness ceiling 1-35 & recess depth 85 mm. For soft ceiling tiles. We recommend taking down the ceiling tile before installing the product.



## ITEM SPECIFICATIONS See pricelist 2023 page 34-37

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 1150Lm 2700K No dim (13.8W)	875A03XX2U02	15.5	875A03XX2V02	16.3	875A03XX2W02	20.8	13.8	83	97	0.95	II
LV 1150Lm 2700K Dali (13.8W)	875A03XX2L02	15.5	875A03XX2P02	16.3	875A03XX2S02	20.8	13.8	83	97	0.95	II
LV 1250Lm 3000K No dim (13.8W)	875B03XX2U02	15.8	875B03XX2V02	16.6	875B03XX2W02	21.1	13.8	91	97	0.95	II
LV 1250Lm 3000K Dali (13.8W)	875B03XX2L02	15.8	875B03XX2P02	16.6	875B03XX2S02	21.1	13.8	91	97	0.95	II
LV 1350Lm 4000K No dim (13.8W)	875G03XX2U02	16.0	875G03XX2V02	16.9	875G03XX2W02	21.3	13.8	98	97	0.95	II
LV 1350Lm 4000K Dali (13.8W)	875G03XX2L02	16.0	875G03XX2P02	16.9	875G03XX2S02	21.3	13.8	98	97	0.95	II
LV 1625Lm 2700K No dim (20.1W)	875K03XX2U02	16.7	875K03XX2V02	17.5	875K03XX2W02	22.0	20.1	81	97	0.95	II
LV 1625Lm 2700K Dali (20.1W)	875K03XX2L02	16.7	875K03XX2P02	17.5	875K03XX2S02	22.0	20.1	81	97	0.95	II
LV 1800Lm 3000K No dim (20.1W)	875L03XX2U02	17.0	875L03XX2V02	17.9	875L03XX2W02	22.3	20.1	89	97	0.95	II
LV 1800Lm 3000K Dali (20.1W)	875L03XX2L02	17.0	875L03XX2P02	17.9	875L03XX2S02	22.3	20.1	89	97	0.95	II
LV 1925Lm 4000K No dim (20.1W)	875M03XX2U02	17.3	875M03XX2V02	18.1	875M03XX2W02	22.6	20.1	96	97	0.95	II
LV 1925Lm 4000K Dali (20.1W)	875M03XX2L02	17.3	875M03XX2P02	18.1	875M03XX2S02	22.6	20.1	96	97	0.95	II
LV 2050Lm 2700K No dim (26.0W)	875N03XX2U02	17.5	875N03XX2V02	18.3	875N03XX2W02	22.8	26.0	79	97	0.95	II
LV 2050Lm 2700K Dali (26.0W)	875N03XX2L02	17.5	875N03XX2P02	18.3	875N03XX2S02	22.8	26.0	79	97	0.95	II
LV 2250Lm 3000K No dim (26.0W)	875P03XX2U02	17.8	875P03XX2V02	18.7	875P03XX2W02	23.1	26.0	86	97	0.95	II
LV 2250Lm 3000K Dali (26.0W)	875P03XX2L02	17.8	875P03XX2P02	18.7	875P03XX2S02	23.1	26.0	86	97	0.95	II
LV 2400Lm 4000K No dim (26.0W)	875Q03XX2U02	18.0	875Q03XX2V02	18.9	875Q03XX2W02	23.3	26.0	92	97	0.95	II
LV 2400Lm 4000K Dali (26.0W)	875Q03XX2L02	18.0	875Q03XX2P02	18.9	875Q03XX2S02	23.3	26.0	92	97	0.95	II
LV 1250Lm 1800-3000K Triac dim (13.8W)	875E03XX2K02	15.8	875E03XX2N02	16.6	875E03XX2R02	21.1	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Dali (13.8W)	875E03XX2L02	15.8	875E03XX2P02	16.6	875E03XX2S02	21.1	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Casambi (13.8W)	875E03XX2M02	15.8	875E03XX2Q02	16.6	875E03XX2T02	21.1	13.8	91	97	0.95	II
LV-TW 1250Lm 2700-6500K Dali	-	-	876A03XX2B02	16.6	876A03XX2D02	21.1	11.4	110	85/94	0.90	II
LV-TW 1250Lm 2700-6500K Casambi	-	-	876A03XX2C02	16.6	876A03XX2E02	21.1	11.4	110	85/94	0.90	II

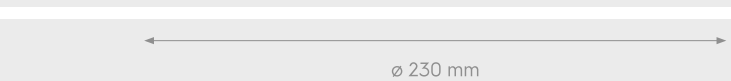
LV versions also available with: Triac dim | Casambi | 1-10V & Push | Check our datasheets, pricelist or website for all available versions

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



LINEA 185

105



## BEAM ANGLE



## COLOURS

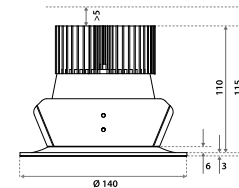


## SPRINGS



# Linea DS-FS 120

## DIMENSIONS



## CHOOSE YOUR LUMEN OUTPUT

	mA	W per lamp	Lumen Output			Lumen / Watt		
			CR180 3000K	CR180 4000K	CR197 3000K	CR180 3000K	CR180 4000K	CR197 3000K
Special request	250	9.4	1200	1400	800	127	149	85
Special request	350	13.2	1650	1900	1100	125	144	83
Special request	500	17.9	2250	2500	1450	125	139	81
Standard	700	27.0	3000	3400	2150	111	126	80
Special request	800	32.1	3400	3750	2500	106	117	78
Special request	900	35.5	3700	4100	2700	104	115	76
Special request	1050	41.7	4200	4700	3000	101	113	72
Standard	1200	50.5	5000	5700	3250 <sup>1</sup>	99	113	64
Special request	1400	57.2	5600	6300	3750 <sup>1</sup>	98	110	66

<sup>1</sup> For large downlights CR197 No dim. <sup>2</sup> For large downlights CR97 1-10V and Dali.

## SPECIFICATIONS

Beam angle (FWHM)	18° / 37° / 60° (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

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

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.  
- Extra LED options from the LUXEON Stylist Series (see page 34)



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 See pricelist 2023 page 38

Description Linea DS-FS	18°		37°		60°		mA	W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR						
LV 3000Lm 3000K CR180 No dim	282003XXCA02	18.0	282003XXCB02	17.4	282003XXCC02	20.5	700	27.0	111	82	0.95	I
LV 3000Lm 3000K CR180 1-10V & Push	282003XXNA02	18.0	282003XXNB02	17.4	282003XXNC02	20.5	700	27.0	111	82	0.95	II
LV 3000Lm 3000K CR180 Dali	282003XXPA02	18.0	282003XXPB02	17.4	282003XXPC02	20.5	700	27.0	111	82	0.95	II
LV 3400Lm 4000K CR180 No dim	282003XXCD02	18.4	282003XXCE02	17.9	282003XXCF02	20.9	700	27.0	126	82	0.95	I
LV 3400Lm 4000K CR180 1-10V & Push	282003XXND02	18.4	282003XXNE02	17.9	282003XXNF02	20.9	700	27.0	126	82	0.95	II
LV 3400Lm 4000K CR180 Dali	282003XXPD02	18.4	282003XXPE02	17.9	282003XXPF02	20.9	700	27.0	126	82	0.95	II
LV 2500Lm 3000K CR197 No dim	282003XXCG02	17.3	282003XXCH02	16.8	282003XXCI02	19.8	800	32.1	78	97	0.95	I
LV 2500Lm 3000K CR197 1-10V & Push	282003XXNG02	17.3	282003XXNH02	16.8	282003XXNI02	19.8	800	32.1	78	97	0.95	II
LV 2500Lm 3000K CR197 Dali	282003XXPG02	17.3	282003XXPH02	16.8	282003XXPI02	19.8	800	32.1	78	97	0.95	II
LV 5000Lm 3000K CR180 No dim	282003XXCR02	19.7	282003XXCS02	19.2	282003XXCT02	22.2	1200	50.5	99	82	0.95	II
LV 5000Lm 3000K CR180 1-10V & Push	282003XXNR02	19.7	282003XXNL02	19.2	282003XXNF02	22.2	1200	50.5	99	82	0.95	I
LV 5000Lm 3000K CR180 Dali	282003XXPR02	19.7	282003XXPL02	19.2	282003XXPP02	22.2	1200	50.5	99	82	0.95	I
LV 5700Lm 4000K CR180 No dim	282003XXCV02	20.2	282003XXCW02	19.7	282003XXCX02	22.7	1200	50.5	113	82	0.95	II
LV 5700Lm 4000K CR180 1-10V & Push	282003XXNV02	20.2	282003XXNL02	19.7	282003XXNF02	22.7	1200	50.5	113	82	0.95	I
LV 5700Lm 4000K CR180 Dali	282003XXPV02	20.2	282003XXPL02	19.7	282003XXPP02	22.7	1200	50.5	113	82	0.95	I
LV 3250Lm 3000K CR197 No dim	282003XXFD02	18.2	282003XXFE02	17.7	282003XXFF02	20.8	1200	50.5	64	97	0.95	II
LV 3750Lm 3000K CR197 1-10V & Push	282003XXNR02	18.7	282003XXNS02	18.2	282003XXNT02	21.2	1400	57.2	66	97	0.95	I
LV 3750Lm 3000K CR197 Dali	282003XXPR02	18.7	282003XXPS02	18.2	282003XXPT02	21.2	1400	57.2	66	97	0.95	I

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



LINEA DS-FS 120



## BEAM ANGLE



## COLOURS



## SPRINGS



FIXED

LINEA DS-F 150

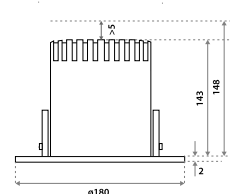


109

Hotel Alski  
-  
Linea DS-F 150  
5700 Lm

# Linea DS-F 150

## DIMENSIONS



## CHOOSE YOUR LUMEN OUTPUT

	mA	W per lamp	Lumen Output			Lumen / Watt		
			3000K	4000K	5000K	3000K	4000K	5000K
Special request	250	9.4	1200	1400	800	127	149	85
Special request	350	13.2	1650	1900	1100	125	144	83
Special request	500	17.9	2250	2500	1450	125	139	81
Standard	700	27.0	3000	3400	2150	111	126	80
Special request	800	32.1	3400	3750	2500	106	117	78
Special request	900	35.5	3700	4100	2700	104	115	76
Special request	1050	41.7	4200	4700	3000	101	113	72
Standard	1200	50.5	5000	5700	3250 <sup>1</sup>	99	113	64
Special request	1400	57.2	5600	6300	3750 <sup>1</sup>	98	110	66

<sup>1</sup> For large downlights CRI97 No dim. <sup>2</sup> For large downlights CRI97 1-10V and Dali.

## 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

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

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.

- Extra LED options from the LUXEON Stylist Series (see page 34)



Using CS springs. Ø 160 mm. Thickness ceiling 5-148 mm & recess depth 148 mm. For plasterboard ceilings or similar harder materials.



Using WS springs: Ø 150-165 mm. Thickness ceiling 1-35 mm & recess depth 148 mm. For soft ceiling tiles. We recommend using a ceiling ring on the reverse side of the tile.



## ITEM SPECIFICATIONS See pricelist 2023 page 39

Description	45°		65°		mA	W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR						
Linea DS-F LV 3000Lm 3000K CRI80 No dim	180503XXJA02	15.6	180503XXJB02	18.5	700	27.0	111	82	0.95	I
Linea DS-F LV 3000Lm 3000K CRI80 1-10V & Push	180503XXN202	15.6	180503XXN302	18.5	700	27.0	111	82	0.95	II
Linea DS-F LV 3000Lm 3000K CRI80 Dali	180503XXP202	15.6	180503XXP302	18.5	700	27.0	111	82	0.95	II
Linea DS-F LV 3400Lm 4000K CRI80 No dim	180503XXJC02	16.0	180503XXJD02	18.9	700	27.0	126	82	0.95	I
Linea DS-F LV 3400Lm 4000K CRI80 1-10V & Push	180503XXN402	16.0	180503XXN502	18.9	700	27.0	126	82	0.95	II
Linea DS-F LV 3400Lm 4000K CRI80 Dali	180503XXP402	16.0	180503XXP502	18.9	700	27.0	126	82	0.95	II
Linea DS-F LV 2500Lm 3000K CRI97 No dim	180503XXCX02	15.0	180503XXCY02	17.9	800	32.1	78	97	0.95	I
Linea DS-F LV 2500Lm 3000K CRI97 1-10V & Push	180503XXN002	15.0	180503XXN102	17.9	800	32.1	78	97	0.95	II
Linea DS-F LV 2500Lm 3000K CRI97 Dali	180503XXP002	15.0	180503XXP102	17.9	800	32.1	78	97	0.95	II
Linea DS-F LV 5000Lm 3000K CRI80 No dim	180503XXCK02	17.4	180503XXCL02	20.3	1200	50.5	99	82	0.95	II
Linea DS-F LV 5000Lm 3000K CRI80 1-10V & Push	180503XXN002	17.4	180503XXN102	20.3	1200	50.5	99	82	0.95	I
Linea DS-F LV 5000Lm 3000K CRI80 Dali	180503XXPJ02	17.4	180503XXPV02	20.3	1200	50.5	99	82	0.95	I
Linea DS-F LV 5700Lm 4000K CRI80 No dim	180503XXCM02	17.8	180503XXCN02	20.7	1200	50.5	113	82	0.95	II
Linea DS-F LV 5700Lm 4000K CRI80 1-10V & Push	180503XXN002	17.8	180503XXN102	20.7	1200	50.5	113	82	0.95	I
Linea DS-F LV 5700Lm 4000K CRI80 Dali	180503XXPW02	17.8	180503XXPV02	20.7	1200	50.5	113	82	0.95	I
Linea DS-F LV 3250Lm 3000K CRI97 No dim	180503XXCP02	15.9	180503XXCQ02	18.8	1200	50.5	64	97	0.95	II
Linea DS-F LV 3750Lm 3000K CRI97 1-10V & Push	180503XXN002	16.4	180503XXN102	19.3	1400	57.2	66	97	0.95	I
Linea DS-F LV 3750Lm 3000K CRI97 Dali	180503XXPY02	16.4	180503XXPZ02	19.3	1400	57.2	66	97	0.95	I

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



LINEA DS-F 150

ø 180 mm

## BEAM ANGLE



## COLOURS



## SPRINGS

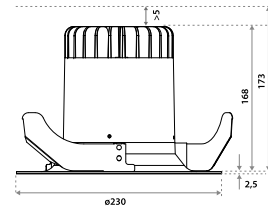


FIXED



# Linea DS-FX 185

## DIMENSIONS



## 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

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

**IP44**

## CHOOSE YOUR LUMEN OUTPUT

	mA	W per lamp	Lumen Output			Lumen / Watt		
			CR180 3000K	CR180 4000K	CR197 3000K	CR180 3000K	CR180 4000K	CR197 3000K
Special request	250	9.4	1200	1400	800	127	149	85
Special request	350	13.2	1650	1900	1100	125	144	83
Special request	500	17.9	2250	2500	1450	125	139	81
Standard	700	27.0	3000	3400	2150	111	126	80
Special request	800	32.1	3400	3750	2500	106	117	78
Special request	900	35.5	3700	4100	2700	104	115	76
Special request	1050	41.7	4200	4700	3000	101	113	72
Standard	1200	50.5	5000	5700	3250 <sup>1</sup>	99	113	64
Special request	1400	57.2	5600	6300	3750 <sup>2</sup>	98	110	66

<sup>1</sup> For large downlights CR197 No dim. <sup>2</sup> For large downlights CR97 1-10V and Dali.

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. - Extra LED options from the LUXEON Stylist Series (see page 34).



**Using GS springs:** Ø 170-210 mm. Thickness ceiling 8-173 mm & recess depth 173 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 173 mm. For soft ceiling tiles we recommend using a wooden plate or a ceiling ring on the reverse side of the tile.



## ITEM SPECIFICATIONS See pricelist 2023 page 40

Description Linea DS-FX <sup>1</sup>	45°		65°		mA	W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR						
LV 3000Lm 3000K CR180 No dim	IBNA03XXJE02	15.6	IBNA03XXJF02	18.5	700	27.0	111	82	0.95	I
LV 3000Lm 3000K CR180 1-10V & Push	IBNA03XXU202	15.6	IBNA03XXU302	18.5	700	27.0	111	82	0.95	II
LV 3000Lm 3000K CR180 Dali	IBNA03XXV202	15.6	IBNA03XXV302	18.5	700	27.0	111	82	0.95	II
LV 3400Lm 4000K CR180 No dim	IBNA03XXJG02	16.0	IBNA03XXJH02	18.9	700	27.0	126	82	0.95	I
LV 3400Lm 4000K CR180 1-10V & Push	IBNA03XXU402	16.0	IBNA03XXU502	18.9	700	27.0	126	82	0.95	II
LV 3400Lm 4000K CR180 Dali	IBNA03XXV402	16.0	IBNA03XXV502	18.9	700	27.0	126	82	0.95	II
LV 2500Lm 3000K CR197 No dim	IBNA03XXGX02	15.0	IBNA03XXGY02	17.9	800	32.1	78	97	0.95	I
LV 2500Lm 3000K CR197 1-10V & Push	IBNA03XXU002	15.0	IBNA03XXU102	17.9	800	32.1	78	97	0.95	II
LV 2500Lm 3000K CR197 Dali	IBNA03XXV002	15.0	IBNA03XXV102	17.9	800	32.1	78	97	0.95	II
LV 5000Lm 3000K CR180 No dim	IBNA03XXGK02	17.4	IBNA03XXGL02	20.3	1200	50.5	99	82	0.95	II
LV 5000Lm 3000K CR180 1-10V & Push	IBNA03XXUJ02	17.4	IBNA03XXUV02	20.3	1200	50.5	99	82	0.95	I
LV 5000Lm 3000K CR180 Dali	IBNA03XXVJ02	17.4	IBNA03XXVV02	20.3	1200	50.5	99	82	0.95	I
LV 5700Lm 4000K CR180 No dim	IBNA03XXGM02	17.8	IBNA03XXGN02	20.7	1200	50.5	113	82	0.95	II
LV 5700Lm 4000K CR180 1-10V & Push	IBNA03XXUW02	17.8	IBNA03XXUX02	20.7	1200	50.5	113	82	0.95	I
LV 5700Lm 4000K CR180 Dali	IBNA03XXVW02	17.8	IBNA03XXVX02	20.7	1200	50.5	113	82	0.95	I
LV 3250Lm 3000K CR197 No dim	IBNA03XXGP02	15.9	IBNA03XXGQ02	18.8	1200	50.5	64	97	0.95	II
LV 3750Lm 3000K CR197 1-10V & Push	IBNA03XXUZ02	16.4	IBNA03XXUZ02	19.3	1400	57.2	66	97	0.95	I
LV 3750Lm 3000K CR197 Dali	IBNA03XXVY02	16.4	IBNA03XXVZ02	19.3	1400	57.2	66	97	0.95	I

All values are measured at 230V (+/- 7%).<sup>1</sup>



LINEA DS-FX 185



Ø 230 mm

## BEAM ANGLE



## COLOURS



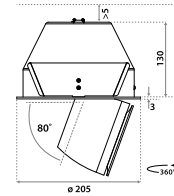
## SPRINGS



FIXED

# Linea DS-A 195

## DIMENSIONS



## CHOOSE YOUR LUMEN OUTPUT

	mA	W per lamp	Lumen Output			Lumen / Watt		
			CR180 3000K	CR180 4000K	CR197 3000K	CR180 3000K	CR180 4000K	CR197 3000K
Special request	250	9.4	1200	1400	800	127	149	85
Special request	350	13.2	1650	1900	1100	125	144	83
Special request	500	17.9	2250	2500	1450	125	139	81
Standard	700	27.0	3000	3400	2150	111	126	80
Special request	800	32.1	3400	3750	2500	106	117	78
Special request	900	35.5	3700	4100	2700	104	115	76
Special request	1050	41.7	4200	4700	3000	101	113	72
Standard	1200	50.5	5000	5700	3250 <sup>1</sup>	99	113	64
Special request	1400	57.2	5600	6300	3750 <sup>2</sup>	98	110	66

<sup>1</sup> For large downlights CR197 No dim. <sup>2</sup> For large downlights CR97 1-10V and Dali.

## SPECIFICATIONS

Beam angle (FWHM)	18° / 37° / 60° (On request 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
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.
- Extra LED options from the LUXEON Stylist Series (see page 34)



Using CS springs. Ø 195 mm. Thickness ceiling 5-135 mm & recess depth 135 mm. For plasterboard ceilings or similar harder materials. Turn the ring on the front counterclockwise after installation.



Using GS springs: Ø 195 mm. Thickness ceiling 1-135 mm & recess depth 135 mm. For soft ceiling files we recommend using a wooden plate or a ceiling ring on the reverse side of the file.



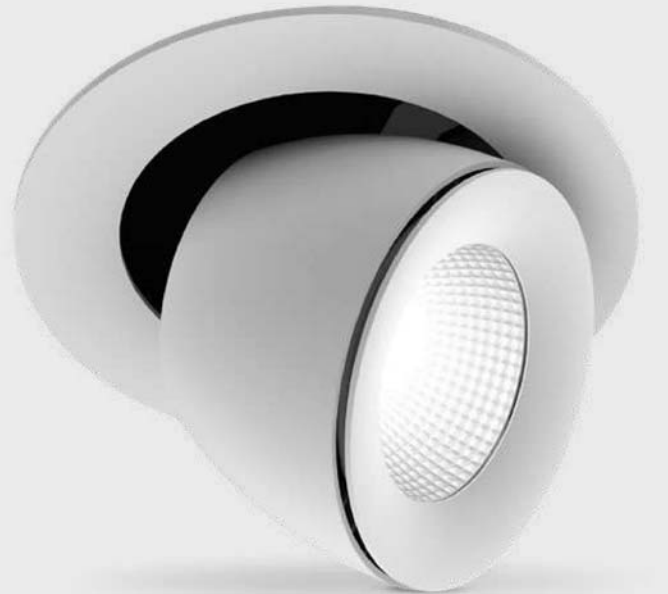
## ITEM SPECIFICATIONS See pricelist 2023 page 41

Description	18°		37°		60°		mA	W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR						
Linea DS-A 195												
LV 3000Lm 3000K CR180 No dim	130603XXCA02	18.0	130603XXCB02	17.4	130603XXCC02	20.5	700	27.0	111	82	0.95	I
LV 3000Lm 3000K CR180 1-10V & Push	130603XXNA02	18.0	130603XXNB02	17.4	130603XXNC02	20.5	700	27.0	111	82	0.95	II
LV 3000Lm 3000K CR180 Dali	130603XXPA02	18.0	130603XXPB02	17.4	130603XXPC02	20.5	700	27.0	111	82	0.95	II
LV 3400Lm 4000K CR180 No dim	130603XXCD02	18.4	130603XXCE02	17.9	130603XXCF02	20.9	700	27.0	126	82	0.95	I
LV 3400Lm 4000K CR180 1-10V & Push	130603XXND02	18.4	130603XXNE02	17.9	130603XXNF02	20.9	700	27.0	126	82	0.95	II
LV 3400Lm 4000K CR180 Dali	130603XXPD02	18.4	130603XXPE02	17.9	130603XXPF02	20.9	700	27.0	126	82	0.95	II
LV 2500Lm 3000K CR197 No dim	130603XXCG02	17.3	130603XXCH02	16.8	130603XXCI02	19.8	800	32.1	78	97	0.95	I
LV 2500Lm 3000K CR197 1-10V & Push	130603XXNG02	17.3	130603XXNH02	16.8	130603XXNI02	19.8	800	32.1	78	97	0.95	II
LV 2500Lm 3000K CR197 Dali	130603XXPG02	17.3	130603XXPH02	16.8	130603XXPI02	19.8	800	32.1	78	97	0.95	II
LV 5000Lm 3000K CR180 No dim	130603XXCR02	19.7	130603XXCS02	19.2	130603XXCT02	22.2	1200	50.5	99	82	0.95	II
LV 5000Lm 3000K CR180 1-10V & Push	130603XXNK02	19.7	130603XXNL02	19.2	130603XXNM02	22.2	1200	50.5	99	82	0.95	II
LV 5000Lm 3000K CR180 Dali	130603XXPK02	19.7	130603XXPL02	19.2	130603XXPM02	22.2	1200	50.5	99	82	0.95	I
LV 5700Lm 4000K CR180 No dim	130603XXCU02	20.2	130603XXCV02	19.7	130603XXCW02	22.7	1200	50.5	113	82	0.95	II
LV 5700Lm 4000K CR180 1-10V & Push	130603XXNN02	20.2	130603XXNP02	19.7	130603XXNQ02	22.7	1200	50.5	113	82	0.95	I
LV 5700Lm 4000K CR180 Dali	130603XXPN02	20.2	130603XXPP02	19.7	130603XXPQ02	22.7	1200	50.5	113	82	0.95	I
LV 3250Lm 3000K CR197 No dim	130603XXFD02	18.2	130603XXFE02	17.7	130603XXFF02	20.7	1200	50.5	64	97	0.95	II
LV 3750Lm 3000K CR197 1-10V & Push	130603XXNR02	18.7	130603XXNS02	18.2	130603XXNT02	21.2	1400	57.2	66	97	0.95	I
LV 3750Lm 3000K CR197 Dali	130603XXPR02	18.7	130603XXPS02	18.2	130603XXPT02	21.2	1400	57.2	66	97	0.95	I

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



LINEA DS-A 195



ø 205 mm

## BEAM ANGLE



## COLOURS



## SPRINGS

Standard with CS springs (concrete/gyproc). Also available with GS springs (gyproc).

ADJUSTABLE

SENSORSTRADA 75



**Toilet**  
SensorStrada 75  
600 Lm

FIXED

# SensorLinea 75

SENSORLINEA 75



DRIVERLESS  
220-240V

∅ 90 mm

### COLOURS



Matt white  
RAL 9016 (XX+MW)

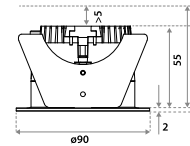
Matt black  
RAL 9005 (XX+BL)

### SPRINGS

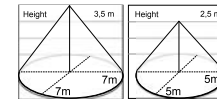


Standard with CS springs (concrete/gyproc).  
Also available as above with  
WS springs (gyproc/metal).

### DIMENSIONS



### DETECTION AREA



### SPECIFICATIONS

Beam angle (FWHM)	80°
Fixture material	Housing: Die cast aluminium Reflector glass: Polycarbonate
Environment	Indoor
IP rate	IP44
IK rate	IK03
Operating temperature (Ta)	-20°C / +30°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Detection range	120°
Turn-on time	200 ms
Inrush current	0 mA (max. 316 pcs. per type B16 Amp)
Surge protection	L-N > 1kV; L-E, N-E > 2kV
Audible noise	21 dB
Time setting	4 min. (cannot be changed)

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



75

5-60

60



77

1-35

60

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

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

IP20

IP44

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



4 MIN

Sensor luminaires turn on for 4 minutes after detecting movement.



MADE IN HOLLAND



7 YEAR WARRANTY



ECO



4 MIN

Sensor luminaires turn on for 4 minutes after detecting movement.



### ITEM SPECIFICATIONS See pricelist 2023 page 42

Description	Item code	Extra	Input	W per lamp	Ln/W	CRI (typ)	UGR	Pf	Safety class
SensorLinea 75 HV 600 Lm 3000K 80°	912503XX5D02	Incl. 3P conn.box	220-240V	15.0	40	83	25.9	0.99	II
SensorLinea 75 HV 600 Lm 4000K 80°	912503XX5F02	Incl. 3P conn.box	220-240V	15.0	40	83	25.9	0.99	II

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



# SensorStrada 75

See page 48

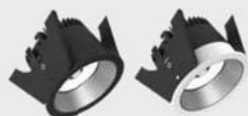


SMALL RIM

DRIVERLESS 220-240V

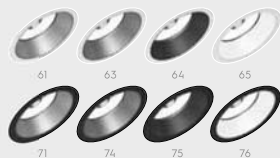
Ø 81 mm

### COLOURS



Matt black  
RAL 9005

Matt white  
RAL 9016



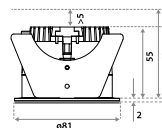
Housing/ Reflector ring	Item code	Housing/ Reflector ring	Item code
White/Gold	XX=61	Black/Gold	XX=71
White/Silver	XX=63	Black/Silver	XX=74
White/Black	XX=62	Black/Black	XX=72
White/White	XX=65	Black/White	XX=76

### SPRINGS

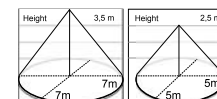


Standard with CS springs (concrete/gyproc). Also available as above with WS springs (gyproc/metal).

### DIMENSIONS



### DETECTION AREA



### SPECIFICATIONS

Beam angle (FWHM)	80°
Fixture material	Housing: Die cast aluminium Reflector glass: Polycarbonate
Environment	Indoor
IP rate	IP44
IK rate	IK03
Operating temperature (Ta)	-20°C / +30°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Detection range	120°
Turn-on time	200 ms
Inrush current	0 mA (max. 316 pcs. per type B16 Amp)
Surge protection	L-N > 1kV; L-E, N-E > 2kV
Audible noise	21 dB
Time setting	4 min. (cannot be changed)

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

75 5-60 60

77 1-35 60

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.

IP20  
IP44

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

4 MIN

Sensor luminaires turn on for 4 minutes after detecting movement.

MADE IN HOLLAND 7 YEAR WARRANTY ECO

bhc CREED

### ITEM SPECIFICATIONS See pricelist 2023 page 42

Description	Item code	Extra	Input	W per lamp	Ln/W	CRI (typ)	UGR	Pf	Safety class
SensorStrada 75 HV 600 Lm 3000K 80°	852S03XX5D02	Incl. 3P conn.box	220-240V	15.0	40	83	25.9	0.99	I
SensorStrada 75 HV 600 Lm 4000K 80°	852S03XX5F02	Incl. 3P conn.box	220-240V	15.0	40	83	25.9	0.99	I

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



# SensorFido 98

SENSORFIDO 98



SMALL RM

∅ 104 mm

### COLOURS



Matt black  
RAL 9005

Matt white  
RAL 9016

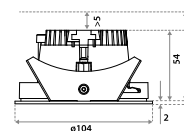
Housing/ Reflector ring	Item code	Housing/ Reflector ring	Item code
White/Gold	XX-61	Black/Gold	XX-71
White/Black	XX-62	Black/Black	XX-72
White/White	XX-65	Black/White	XX-76

### SPRINGS

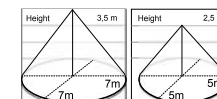


Standard with CS springs (concrete/gyproc). Also available as above with WS springs (gyproc/metal).

### DIMENSIONS



### DETECTION AREA



### SPECIFICATIONS

Beam angle (FWHM)	80°
Fixture material	Housing: Die cast aluminium Reflector glass: Polycarbonate
Environment	Indoor
IP rate	IP44
IK rate	IK03
Operating temperature (Ta)	-20°C / +30°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Detection range	120°
Turn-on time	200 ms
Inrush current	0 mA (max. 316 pcs. per type B16 Amp)
Surge protection	L-N > 1kV; L-E, N-E > 2kV
Audible noise	21 dB
Time setting	4 min. (cannot be changed)

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



Using CS springs: ∅ 98 mm.  
Thickness ceiling 5-59 mm  
& recess depth 59 mm.



Using WS springs: ∅ 98 mm.  
Thickness ceiling 1-50 mm  
& recess depth 59 mm.



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



Sensor luminaires turn on for 4 minutes after detecting movement.



### ITEM SPECIFICATIONS See pricelist 2023 page 42

Description	Item code	Extra	Input	W per lamp	Ln/W	CRI (typ)	UGR	Pf	Safety class
SensorFido 98 HV 600 Lm 3000K 80°	F12503XX5D02	Incl. 3P conn.box	220-240V	15.0	40	83	23.8	0.99	I
SensorFido 98 HV 600 Lm 4000K 80°	F12503XX5F02	Incl. 3P conn.box	220-240V	15.0	40	83	23.8	0.99	I

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



# SensorFido CL 105

SENSORFIDO CL 105



Ø 104 mm

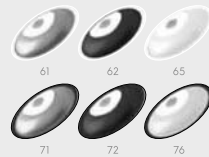
### COLOURS



Matt black  
RAL 9005

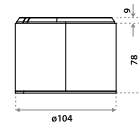


Matt white  
RAL 9016

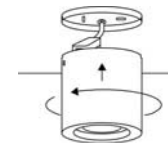
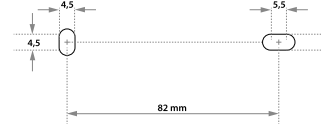


Housing/ Reflector ring	Item code	Housing/ Reflector ring	Item code
White/Gold	XX-61	Black/Gold	XX-71
White/Black	XX-62	Black/Black	XX-72
White/White	XX-65	Black/White	XX-76

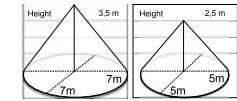
### DIMENSIONS



### FIXATION DIMENSIONS



### DETECTION AREA



### SPECIFICATIONS

Beam angle (FWHM)	80°
Fixture material	Housing: Die cast aluminium Reflector glass: Polycarbonate
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +30°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Detection range	120°
Turn-on time	200 ms
Inrush current	0 mA (max. 316 pcs. per type 816 Amp)
Surge protection	L-N > 1kV; L-E, N-E > 2kV
Audible noise	21 dB
Time setting	4 min. (cannot be changed)

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



Sensor luminaires turn on for 4 minutes after detecting movement.



### ITEM SPECIFICATIONS See pricelist 2023 page 43

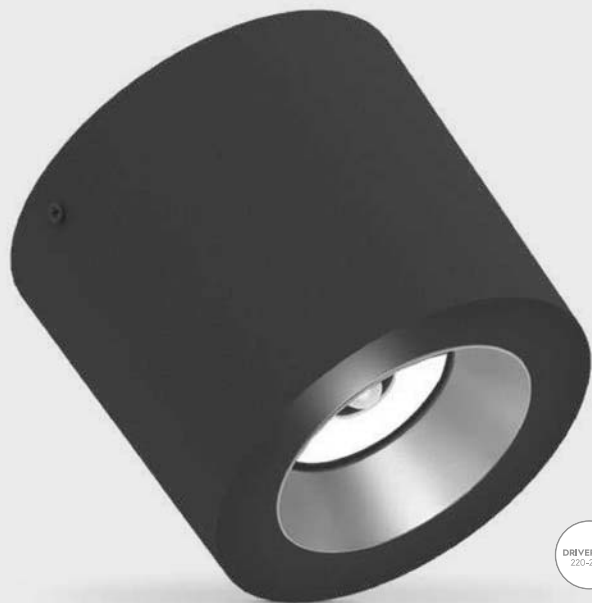
Description	Item code	Input	W per lamp	Lm/W	CRI (typ.)	UGR	PF	Safety class
SensorFido CL 105 HV 600 Lm 3000K 80°	F32503XX5D02	220-240V	15.0	40	83	23.8	0.99	II
SensorFido CL 105 HV 600 Lm 4000K 80°	F32503XX5F02	220-240V	15.0	40	83	23.8	0.99	II

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



# SensorVector CL 100

SENSORVECTOR CL 100



DRIVERLESS  
220-240V

↔ ø 103 mm

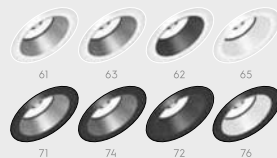
**COLOURS**



Matt black  
RAL 9005

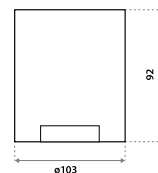


Matt white  
RAL 9016

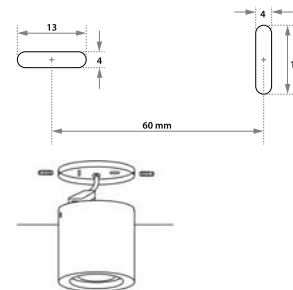


Housing/ Reflector ring	Item code	Housing/ Reflector ring	Item code
White/Gold	XX=61	Black/Gold	XX=71
White/Silver	XX=63	Black/Silver	XX=74
White/Black	XX=62	Black/Black	XX=72
White/White	XX=65	Black/White	XX=76

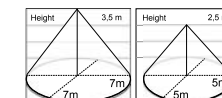
**DIMENSIONS**



**FIXATION DIMENSIONS**



**DETECTION AREA**



**SPECIFICATIONS**

Beam angle (FWHM)	80°
Fixture material	Housing: Die cast aluminium Reflector glass: Polycarbonate
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +30°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Detection range	120°
Turn-on time	200 ms
Inrush current	0 mA (max. 316 pcs. per type 816 Amp)
Surge protection	L-N > 1kV; L-E, N-E > 2kV
Audible noise	21 dB
Time setting	4 min. (cannot be changed)

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

IP20 Sensor luminaires turn on for 4 minutes after detecting movement.

MADE IN HOLLAND 7 YEAR WARRANTY ECO



**ITEM SPECIFICATIONS** See pricelist 2023 page 43

Description	Item code	Input	W per lamp	Lm/W	CRI (typ.)	UGR	PF	Safety class
SensorVector CL 100 HV 600 Lm 3000K 80°	7B2S03XX5D02	220-240V	15.0	40	83	25.9	0.99	II
SensorVector CL 100 HV 600 Lm 4000K 80°	7B2S03XX5F02	220-240V	15.0	40	83	25.9	0.99	II

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







FIDO CL 105

129

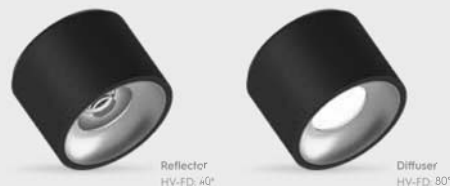
Ceiling lights  
-  
Fido CL 105

# Fido CL 105

FIDO CL 105



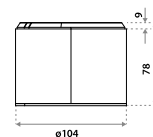
### BEAM ANGLE



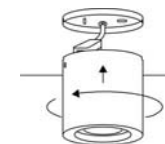
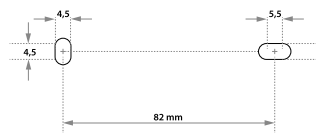
### COLOURS



### 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	IK05
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 See pricelist 2023 page 44

Description	40°		80°		W per lamp	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
Fido CL 105 HV-FD 600lm 2700K Triac dim	F32A03XX5A02	12.7	F32A03XX5B02	23.8	10.5	57	93	0.99	II
Fido CL 105 HV-FD 600lm 3000K Triac dim	F32A03XX5C02	12.7	F32A03XX5D02	23.8	10.3	58	93	0.99	II
Fido CL 105 HV-FD 600lm 4000K Triac dim	F32A03XX5E02	12.7	F32A03XX5F02	23.8	10.1	59	93	0.99	II
Fido CL 105 HV-FD 600lm 2200-3000K Triac dim	F32A03XX5G02	12.7	F32A03XX5H02	23.8	10.3	58	93	0.99	II

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



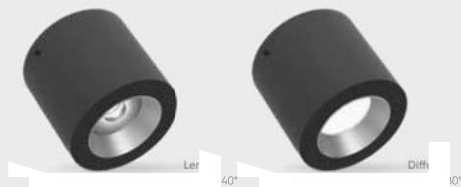
# Vector CL 100

VECTOR CL 100



ø 103 mm

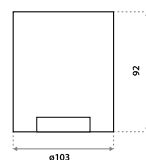
### BEAM ANGLE



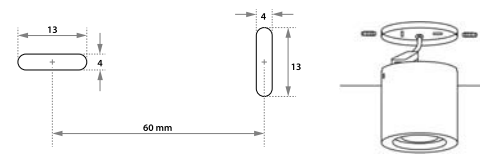
### COLOURS



### 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	IK05
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 See pricelist 2023 page 44

Description	40°		80°		W per lamp	Lm/W	CRI (typ.)	PF	Safety class
	Item code	UGR	Item code	UGR					
Vector CL 100 HV-FD 600Lm 2700K Triac dim	7B2A03XX5A02	14,7	7B2A03XX5B02	25,9	10,5	57	93	0,99	II
Vector CL 100 HV-FD 600Lm 3000K Triac dim	7B2A03XX5C02	14,7	7B2A03XX5D02	25,9	10,3	58	93	0,99	II
Vector CL 100 HV-FD 600Lm 4000K Triac dim	7B2A03XX5E02	14,7	7B2A03XX5F02	25,9	10,1	59	93	0,99	II
Vector CL 100 HV-FD 600Lm 2200-3000K Triac dim	7B2A03XX5G02	14,7	7B2A03XX5H02	25,9	10,3	58	93	0,99	II

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

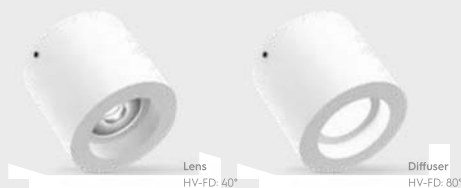


# Cylinder CL 100

CYLINDER CL 100



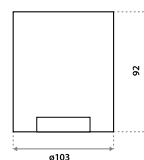
### BEAM ANGLE



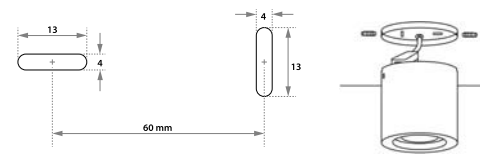
### COLOURS



### 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



### ITEM SPECIFICATIONS See pricelist 2023 page 44

Description	40°		80°		W per lamp	Lm/W	CRI (typ.)	PF	Safety class
	Item code	UGR	Item code	UGR					
Cylinder CL 100 HV-FD 600Lm 2700K Triac dim	752A03XX5A02	14,7	752A03XX5B02	25,9	10,5	57	93	0,99	II
Cylinder CL 100 HV-FD 600Lm 3000K Triac dim	752A03XX5C02	14,7	752A03XX5D02	25,9	10,3	58	93	0,99	II
Cylinder CL 100 HV-FD 600Lm 4000K Triac dim	752A03XX5E02	14,7	752A03XX5F02	25,9	10,1	59	93	0,99	II
Cylinder CL 100 HV-FD 600Lm 2200-3000K Triac dim	752A03XX5G02	14,7	752A03XX5H02	25,9	10,3	58	93	0,99	II

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



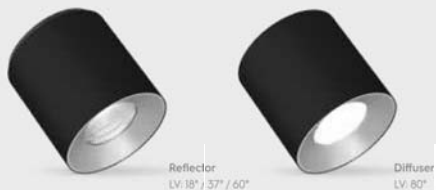
# Vector CL 145

VECTOR CL 145



**BEAM ANGLE**

ø 145 mm

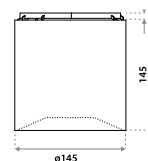


**COLOURS**

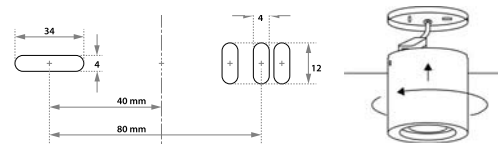


Housing/ Reflector ring	Item code	Housing/ Reflector ring	Item code
White/Gold	XX=61	Black/Gold	XX=71
White/Silver	XX=63	Black/Silver	XX=74
White/Black	XX=62	Black/Black	XX=72
White/White	XX=65	Black/White	XX=76

**DIMENSIONS**



**FIXATION DIMENSIONS**



**SPECIFICATIONS**

Beam angle (FWHM)	18° / 37° / 60° / 80°
Fixture material	Housing: Die cast aluminium / Glass Reflector glass: Polycarbonate
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

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

**CHOOSE YOUR LV LUMEN OUTPUT**

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

CRI80 special request	mA	W per lamp	Lumen Output			Lumen / Watt		
			2700K	3000K	4000K	2700K	3000K	4000K
Special request	250	9.8	1125	1175	1225	115	120	125
Special request	350	13.8	1550	1625	1700	112	118	123
Special request	450	18.0	1950	2025	2100	108	113	117
Special request	500	20.1	2175	2250	2325	108	112	116

IP20



**ITEM SPECIFICATIONS** See pricelist 2023 page 45

Description	18°		37°		60°		80°		W per lamp	lm/W	CRI (typ.)	PF	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR	Item code	UGR					
Vector CL 145 <sup>1</sup>													
LV 1625Lm 2700K Triac dim	7D1B03XXA102	11.5	7D1B03XXA402	11.5	7D1B03XXA702	14.6	7D1B03XXH02	21.4	20.1	81	97	0.95	II
LV 1625Lm 2700K 1-10V & Push	7D1B03XXD102	11.5	7D1B03XXD402	11.5	7D1B03XXD702	14.6	7D1B03XXL02	21.4	20.1	81	97	0.95	II
LV 1625Lm 2700K Dali	7D1B03XXI102	11.5	7D1B03XXI402	11.5	7D1B03XXI702	14.6	7D1B03XXO102	21.4	20.1	81	97	0.95	II
LV 1800Lm 3000K Triac dim	7D1B03XXA202	11.9	7D1B03XXA502	11.8	7D1B03XXA802	15.8	7D1B03XXO102	21.7	20.1	89	97	0.95	II
LV 1800Lm 3000K 1-10V & Push	7D1B03XXD202	11.9	7D1B03XXD502	11.8	7D1B03XXD802	15.8	7D1B03XXO402	21.7	20.1	89	97	0.95	II
LV 1800Lm 3000K Dali	7D1B03XXI202	11.9	7D1B03XXI502	11.8	7D1B03XXI802	15.8	7D1B03XXO202	21.7	20.1	89	97	0.95	II
LV 1925Lm 4000K Triac dim	7D1B03XXA302	12.1	7D1B03XXA602	12.0	7D1B03XXA902	15.2	7D1B03XXO202	22.0	20.1	96	97	0.95	II
LV 1925Lm 4000K 1-10V & Push	7D1B03XXD302	12.1	7D1B03XXD602	12.0	7D1B03XXD902	15.2	7D1B03XXO402	22.0	20.1	96	97	0.95	II
LV 1925Lm 4000K Dali	7D1B03XXI302	12.1	7D1B03XXI602	12.0	7D1B03XXI902	15.2	7D1B03XXO202	22.0	20.1	96	97	0.95	II

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



VECTOR CL 235



139

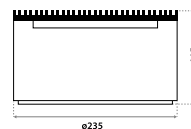
Corridor  
Vector CL 235  
2250 Lm 3000K

# Vector CL 235

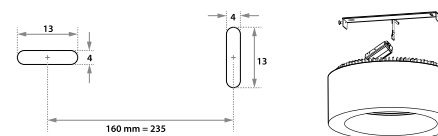
VECTOR CL 235



## DIMENSIONS



## FIXATION DIMENSIONS



## CHOOSE YOUR LUMEN OUTPUT

	mA	W per lamp	Lumen Output			Lumen / Watt		
			CR180 3000K	CR180 4000K	CR197 3000K	CR180 3000K	CR180 4000K	CR197 3000K
Special request	250	9.4	1200	1400	800	127	149	85
Special request	350	13.2	1650	1900	1100	125	144	85
Standard	500	17.9	2250	2500	1450	125	139	81

## SPECIFICATIONS

Beam angle (FWHM)	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



## ITEM SPECIFICATIONS See pricelist 2023 page 46

Description	Item code	W per lamp	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Vector CL 235 LV 2250Lm 3000K CR180 No dim	7D1C03XXY002	17.9	125	82	23.8	0.95	II
Vector CL 235 LV 2250Lm 3000K CR180 1-10V & Push	7D1C03XXY102	17.9	125	82	23.8	0.95	II
Vector CL 235 LV 2250Lm 3000K CR180 Dali	7D1C03XXY202	17.9	125	82	23.8	0.95	II
Vector CL 235 LV 2500Lm 4000K CR180 No dim	7D1C03XXY302	17.9	139	82	24.2	0.95	II
Vector CL 235 LV 2500Lm 4000K CR180 1-10V & Push	7D1C03XXY402	17.9	139	82	24.2	0.95	II
Vector CL 235 LV 2500Lm 4000K CR180 Dali	7D1C03XXY502	17.9	139	82	24.2	0.95	II
Vector CL 235 LV 1450Lm 3000K CR197 No dim	7D1C03XXY602	17.9	81	97	22.3	0.95	II
Vector CL 235 LV 1450Lm 3000K CR197 1-10V & Push	7D1C03XXY702	17.9	81	97	22.3	0.95	II
Vector CL 235 LV 1450Lm 3000K CR197 Dali	7D1C03XXY802	17.9	81	97	22.3	0.95	II

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



# Cylinder CL 235

CYLINDER CL 235



∅ 235 mm

### COLOURS

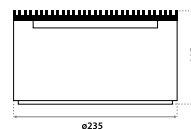


Matt white  
RAL 9016 (XX+MW)

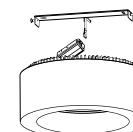
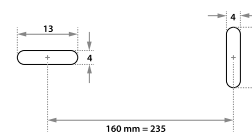


Matt black  
RAL 9005 (XX+BL)

### DIMENSIONS



### FIXATION DIMENSIONS



### CHOOSE YOUR LUMEN OUTPUT

	mA	W per lamp	Lumen Output			Lumen / Watt		
			CR180 3000K	CR180 4000K	CR197 3000K	CR180 3000K	CR180 4000K	CR197 3000K
Special request	250	9.4	1200	1400	800	127	149	85
Special request	350	13.2	1650	1900	1100	125	144	85
Standard	500	17.9	2250	2500	1450	125	139	81

### SPECIFICATIONS

Beam angle (FWHM)	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



ICL LUMILEDS ETE

### ITEM SPECIFICATIONS See pricelist 2023 page 44

Description	Item code	W per lamp	Lm/W	CRl (typ.)	UGR	Pf	Safety class
Cylinder CL 235 LV 2250Lm 3000K CR180 No dim	791C03XXY002	17.9	125	82	23.8	0.95	II
Cylinder CL 235 LV 2250Lm 3000K CR180 1-10V & Push	791C03XXY102	17.9	125	82	23.8	0.95	II
Cylinder CL 235 LV 2250Lm 3000K CR180 Dali	791C03XXY202	17.9	125	82	23.8	0.95	II
Cylinder CL 235 LV 2500Lm 4000K CR180 No dim	791C03XXY302	17.9	139	82	24.2	0.95	II
Cylinder CL 235 LV 2500Lm 4000K CR180 1-10V & Push	791C03XXY402	17.9	139	82	24.2	0.95	II
Cylinder CL 235 LV 2500Lm 4000K CR180 Dali	791C03XXY502	17.9	139	82	24.2	0.95	II
Cylinder CL 235 LV 1450Lm 3000K CR197 No dim	791C03XXY602	17.9	81	97	22.3	0.95	II
Cylinder CL 235 LV 1450Lm 3000K CR197 1-10V & Push	791C03XXY702	17.9	81	97	22.3	0.95	II
Cylinder CL 235 LV 1450Lm 3000K CR197 Dali	791C03XXY802	17.9	81	97	22.3	0.95	II

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

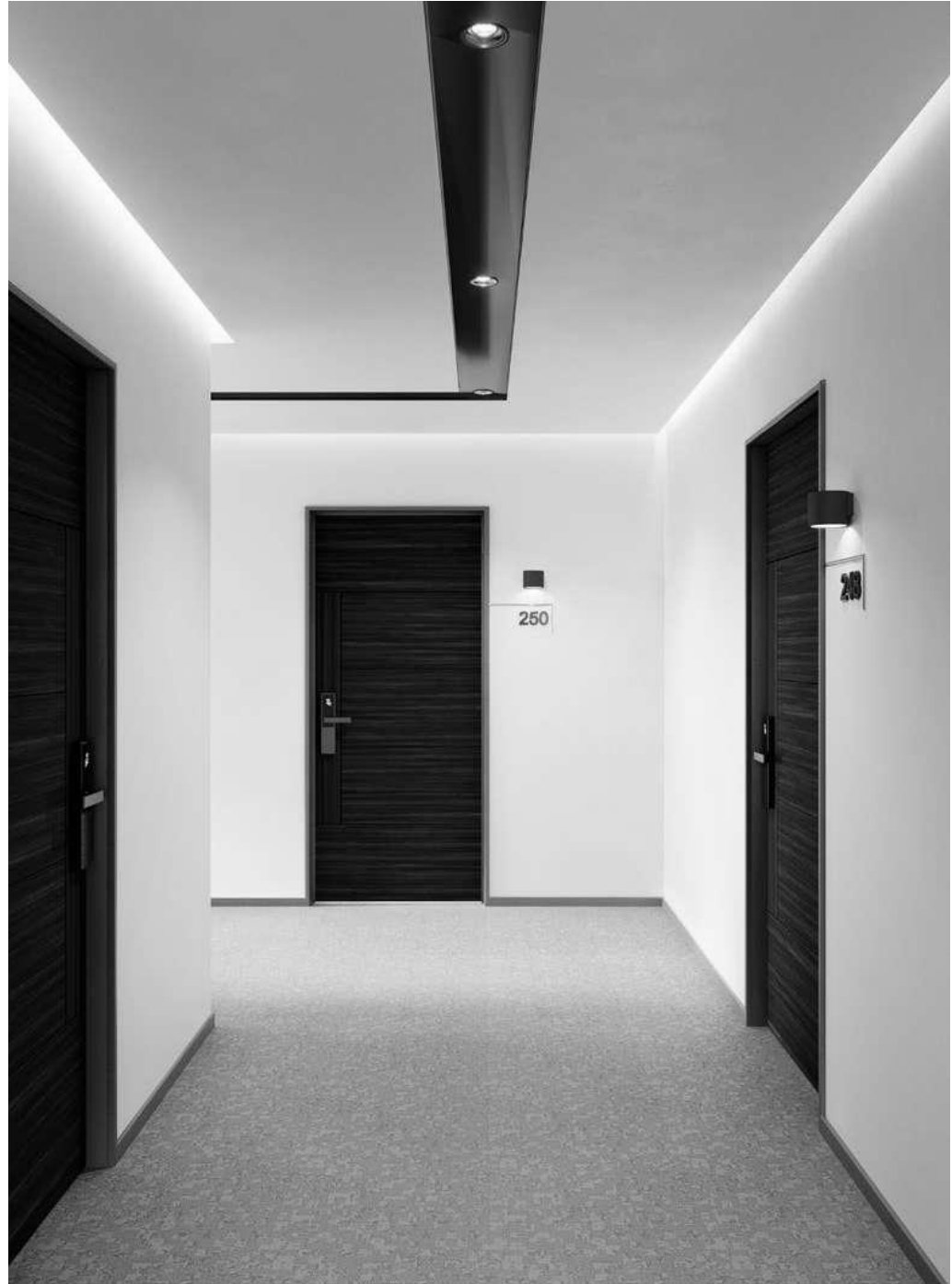






Special colours possible

Hotel corridor  
-  
Fido WL 105

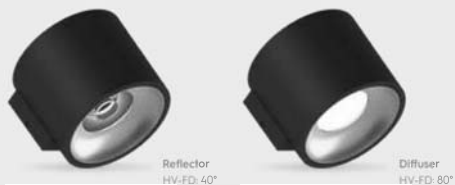


# Fido WL 105

FIDO WL 105



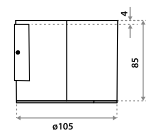
### BEAM ANGLE



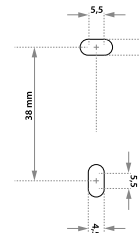
### COLOURS



### 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	IK05
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



### ITEM SPECIFICATIONS See pricelist 2023 page 46

Description	40°		80°		W per lamp	Lm/W	CRI (typ.)	PF	Safety class
	Item code	UGR	Item code	UGR					
Fido WL 105 HV-FD 600Lm 2700K Triac dim	F42A03XX5A02	12.7	F42A03XX5B02	23.8	10.5	57	93	0.99	II
Fido WL 105 HV-FD 600Lm 3000K Triac dim	F42A03XX5C02	12.7	F42A03XX5D02	23.8	10.3	58	93	0.99	II
Fido WL 105 HV-FD 600Lm 4000K Triac dim	F42A03XX5E02	12.7	F42A03XX5F02	23.8	10.1	59	93	0.99	II
Fido WL 105 HV-FD 600Lm 2200-3000K Triac dim	F42A03XX5G02	12.7	F42A03XX5H02	23.8	10.3	58	93	0.99	II

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





LINEA AS

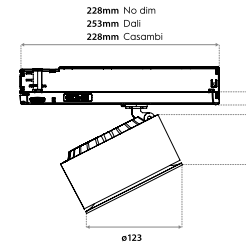
671

Trackspots  
Katoen  
Linea AS

# 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°
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 Ask our sales department about the possibilities for: - Extra LED options from the LUXEON Stylist Series (see page 34)



## CHOOSE YOUR LUMEN OUTPUT

	mA	W per lamp	Lumen Output			Lumen / Watt		
			CRI80	CRI80	CRI97	CRI80	CRI80	CRI97
Special request	500	17,9	2250	2500	1450	125	139	81
Standard	700	27,0	3000	3400	2150	111	126	80
Special request	800	32,1	3400	3750	2500	106	117	78



## ITEM SPECIFICATIONS See pricelist 2023 page 46

Description	18°		37°		60°		mA	W per lamp	Lm/W	CRI (typ.)	Pf
	Item code	UGR	Item code	UGR	Item code	UGR					
Linea AS-XS 3000Lm 3000K CRI80 No dim	170403XXHK02	14,9	170403XXHL02	16,0	170403XXHM02	20,4	700	27,0	111	82	0,97
Linea AS-XS 3000Lm 3000K CRI80 Dali	170403XXE402	14,9	170403XXE502	16,0	170403XXE602	20,4	700	27,0	111	82	0,97
Linea AS-XS 3000Lm 3000K CRI80 Casambi	170403XXJ402	14,9	170403XXJ502	16,0	170403XXJ602	20,4	700	27,0	111	82	0,97
Linea AS-XS 3400Lm 4000K CRI80 No dim	170403XXHN02	15,4	170403XXHP02	16,4	170403XXHQ02	20,8	700	27,0	126	82	0,97
Linea AS-XS 3400Lm 4000K CRI80 Dali	170403XXE702	15,4	170403XXE802	16,4	170403XXE902	20,8	700	27,0	126	82	0,97
Linea AS-XS 3400Lm 4000K CRI80 Casambi	170403XXJ702	15,4	170403XXJ802	16,4	170403XXJ902	20,8	700	27,0	126	82	0,97
Linea AS-XS 2500Lm 3000K CRI97 No dim	170403XXHG02	14,3	170403XXHH02	15,3	170403XXHJ02	19,8	800	32,1	78	97	0,97
Linea AS-XS 2150Lm 3000K CRI97 Dali	170403XXE102	14,2	170403XXE202	15,2	170403XXE302	19,6	700	27,0	80	97	0,97
Linea AS-XS 2150Lm 3000K CRI97 Casambi	170403XXJ102	14,2	170403XXJ202	15,2	170403XXJ302	19,6	700	27,0	80	97	0,97

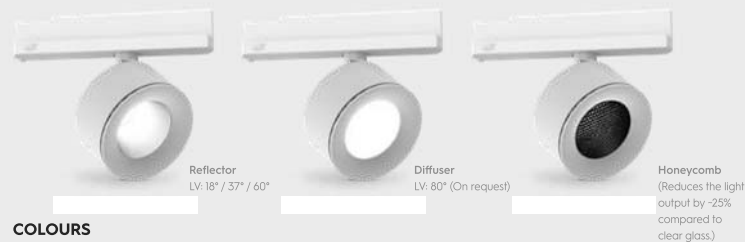
All values are measured at 230V (+/- 7%).



LINEA AS-XS



## BEAM ANGLE



## COLOURS

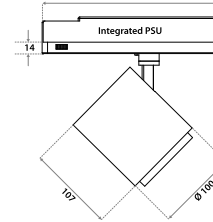


# Odion XS

## DIMENSIONS

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

228mm CR180 • Stylist Series No dim 162mm CR197 No dim  
 253mm CR180 • Stylist Series Dali 253mm CR197 Dali  
 228mm CR180 • Stylist Series Casambi 228mm CR197 Casambi



## TRACKS

On request! Ask our sales department about the possibilities.



## CHOOSE YOUR LUMEN OUTPUT

	mA	W per lamp	Lumen Output			Lumen / Watt		
			CR180 3000K	CR180 4000K	CR197 3000K	CR180 3000K	CR180 4000K	CR197 3000K
Special request	500	17.9	2250	2500	1450	125	139	81
Standard	700	27.0	3000	3400	2150	111	126	80
Special request	800	32.1	3400	3750	2500	106	117	78
Special request	900	35.5	3700	4100	2700	104	115	76
Special request	1050	41.7	4200	4700	3000 <sup>1</sup>	101	113	72

<sup>1</sup>Standard for Odion CR197 no dim.

## SPECIFICATIONS

Beam angle (FWHM)	18° / 37° / 60°
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

Ask our sales department about the possibilities for:

- Extra LED options from the LUXEON Stylist Series (see page 34)

## 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



NORDIC ALUMINIUM <img alt="NTE logo" data-bbox="778 697 805 711"/> <img alt="ICB logo" data-bbox="808 697 835 711"/> LUMILEDS

## ITEM SPECIFICATIONS See pricelist 2023 page 47

Description	18°		37°		60°		mA	W per lamp	Lm/W	CRI (typ.)	Pf
	Item code	UGR	Item code	UGR	Item code	UGR					
Odion XS 3000Lm 3000K CR180 No dim	350403XXHK02	23.5	350403XXHL02	24.8	350403XXHM02	24.1	700	27.0	111	82	0.97
Odion XS 3000Lm 3000K CR180 Dali	350403XXE402	23.5	350403XXE502	24.8	350403XXE602	24.1	700	27.0	111	82	0.97
Odion XS 3000Lm 3000K CR180 Casambi	350403XXI402	23.5	350403XXI502	24.8	350403XXI602	24.1	700	27.0	111	82	0.97
Odion XS 3400Lm 4000K CR180 No dim	350403XXHN02	24.0	350403XXHP02	25.2	350403XXHQ02	24.5	700	27.0	126	82	0.97
Odion XS 3400Lm 4000K CR180 Dali	350403XXE702	24.0	350403XXE802	25.2	350403XXE902	24.5	700	27.0	126	82	0.97
Odion XS 3400Lm 4000K CR180 Casambi	350403XXI702	24.0	350403XXI802	25.2	350403XXI902	24.5	700	27.0	126	82	0.97
Odion XS 3000Lm 3000K CR197 No dim <sup>1</sup>	350403XXHG02	23.5	350403XXHH02	24.8	350403XXHI02	24.1	1050	41.7	72	97	0.97
Odion XS 2150Lm 3000K CR197 Dali	350403XXE102	22.4	350403XXE202	23.6	350403XXE302	22.9	700	27.0	80	97	0.97
Odion XS 2150Lm 3000K CR197 Casambi	350403XXI102	22.4	350403XXI202	23.6	350403XXI302	22.9	700	27.0	80	97	0.97

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





LINESSA

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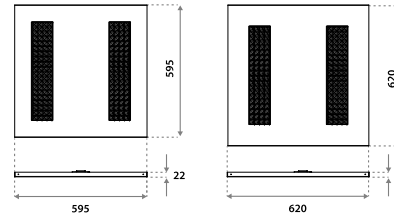
Porsche showroom  
Linessa 2L 1195x295

See page 42

**Bartenbach**  
lighting optics

# 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

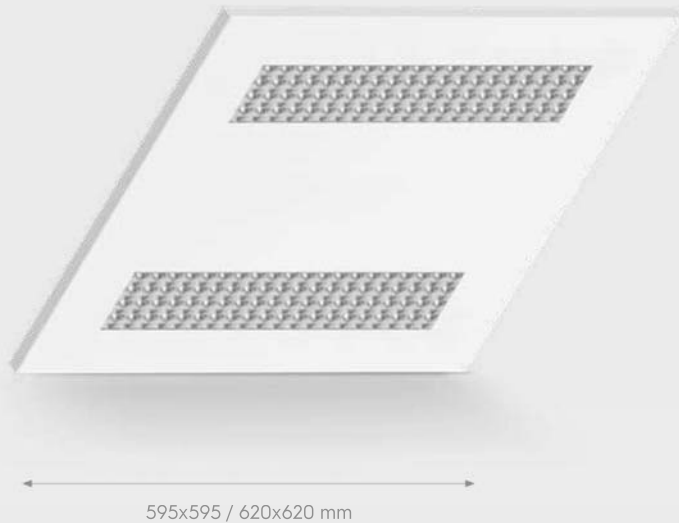
This luminaire contains built-in LED lamps.  
There are no exchangeable parts inside the luminaire.  
EU 874/2012

IP20



ELDO LED

LINESSA 2L 595x595 / 620x620



595x595 / 620x620 mm

## COLOURS



Reflector cups: chrome

Reflector cups: white (on request)

## DIMENSIONS ON REQUEST

- 1195x295 mm  
- 1720x112 mm

## CHOOSE YOUR LUMEN OUTPUT

	mA	W per lamp	Lumen Output		Lumen / watt		UGR			mA	Lumen Output
			3000K	4000K	3000K	4000K	3000K	4000K			
Special request	350	16.6	2350	2450	142	148	12.6	12.8	Special request	2x350	1650
Standard	500	23.8	3300	3450	139	145	13.8	14.0	Special request	2x500	2350
Special request	600	28.6	3950	4100	138	143	14.4	14.6	Special request	2x600	2800
Standard	700	33.6	4550	4750	135	141	14.9	15.1	Standard	2x750	3450
Special request	900	43.5	5800	6000	133	138	15.8	15.9	Special request	2x900	4200
Special request	1050	51.0	6500	6750	127	132	16.2	16.3	Special request	2x1050	4900

## ITEM SPECIFICATIONS See pricelist 2023 page 49

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
Linessa 2L 3450Lm 2700-6500K Dali	3DXX03CHSI02	750	22.3	155	83	14.0	0.90	I
Linessa 2L 3450Lm 2700-6500K Casambi	3DXX03CHSQ02	750	22.3	155	83	14.0	0.90	I

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

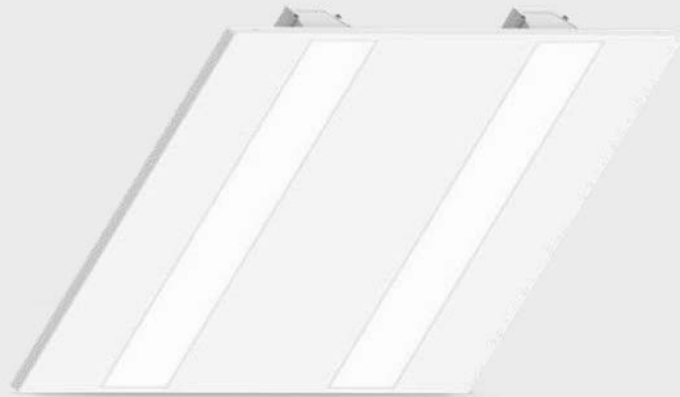


# Cortina 2L 595x595 / 620x620

**NEW**

See page 38

Available from Q2 2023.



595x595 / 620x620 mm

## OTHER DIMENSIONS



1195x295 mm



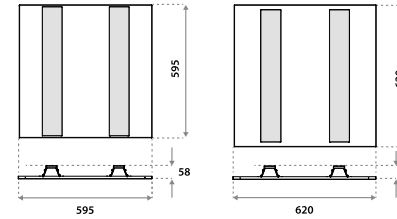
1720x100 mm

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

## COLOURS

Matt white  
RAL 9016

## 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 IC18 eldoLED

## CHOOSE YOUR LUMEN OUTPUT

	mA	W per lamp	Lumen Output		Lumen / watt		UGR	
			3000K	4000K	3000K	4000K	3000K	4000K
Special request	500	19,0	2600	2700	137	142	17,5	17,6
Standard	700	27,1	3500	3700	129	137	18,5	18,7
Special request	900	35,4	4400	4600	124	130	19,3	19,5
Standard	1050	41,8	5050	5300	121	127	19,8	20,0
Special request	1200	48,4	5700	5950	118	123	20,2	20,4

## ITEM SPECIFICATIONS See pricelist 2023 page 46

Description	Item code	mA	W per lamp	Lm/W	CRI (typ)	UGR	PF	Safety class
Cortina 2L 3500Lm 3000K No dim	CAXX03MWSG02	700	27,1	129	83	14,8	0,95	II
Cortina 2L 3500Lm 3000K 1-10V & Push	CAXX03MWSM02	700	27,1	129	83	14,8	0,95	II
Cortina 2L 3500Lm 3000K Dali	CAXX03MWSK02	700	27,1	129	83	14,8	0,95	II
Cortina 2L 5050Lm 3000K No dim	CAXX03MWTRO2	1050	41,8	121	83	16,1	0,95	I
Cortina 2L 5050Lm 3000K 1-10V & Push	CAXX03MWTTO2	1050	41,8	121	83	16,1	0,95	II
Cortina 2L 5050Lm 3000K Dali	CAXX03MWTVO2	1050	41,8	121	83	16,1	0,95	II
Cortina 2L 3700Lm 4000K No dim	CAXX03MWSH02	700	27,1	137	83	15,0	0,95	II
Cortina 2L 3700Lm 4000K 1-10V & Push	CAXX03MWSN02	700	27,1	137	83	15,0	0,95	II
Cortina 2L 3700Lm 4000K Dali	CAXX03MWSL02	700	27,1	137	83	15,0	0,95	II
Cortina 2L 5300Lm 4000K No dim	CAXX03MWTSO2	1050	41,8	127	83	16,3	0,95	I
Cortina 2L 5300Lm 4000K 1-10V & Push	CAXX03MWTU02	1050	41,8	127	83	16,3	0,95	II
Cortina 2L 5300Lm 4000K Dali	CAXX03MWTW02	1050	41,8	127	83	16,3	0,95	II

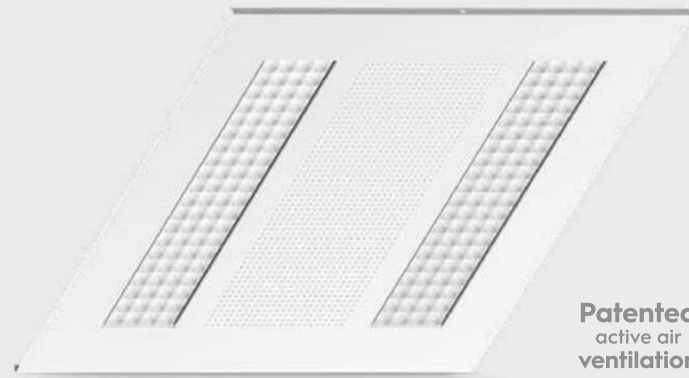
All values are measured at 230V (+/- 7%).





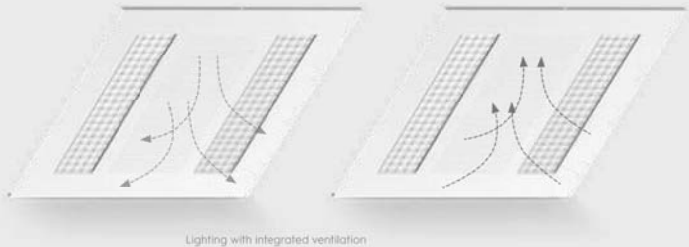
See page 44

**Bartenbach**  
lighting optics



**Patented active air ventilation**

595x595 / 620x620 mm



Lighting with integrated ventilation

**COLOURS**



Reflector cups: chrome

Reflector cups: white (on request)

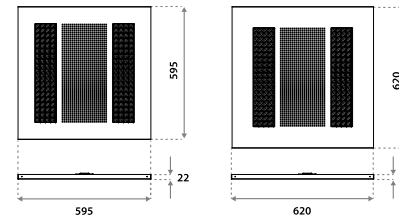
**PLENUM BOX**



Can be connected to all major ventilation systems.

# Linessa Air 2L

**DIMENSIONS**



**SPECIFICATIONS**

Dimensions	595x595 (XX=C3) / 620x620 (XX=C2)
Ventilation holes	100 cm²
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
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	W per lamp	Lumen Output		Lumen / watt		UGR			mA	Lumen Output
			3000K	4000K	3000K	4000K	3000K	4000K			
Special request	350	16.6	2350	2450	142	148	12.6	12.8	Special request	2x350	1650
Standard	500	23.8	3300	3450	139	145	13.8	14.0	Special request	2x500	2350
Special request	600	28.6	3950	4100	138	143	14.4	14.6	Special request	2x600	2800
Standard	700	33.6	4550	4750	135	141	14.9	15.1	Standard	2x750	3450
Special request	900	43.5	5800	6000	133	138	15.8	15.9	Special request	2x900	4200
Special request	1050	51.0	6500	6750	127	132	16.2	16.3	Special request	2x1050	4900

**ITEM SPECIFICATIONS** See pricelist 2023 page 51

Description	Item code	mA	W per lamp	Lm/W	CRI (typ.)	UGR	PF	Safety class
Linessa Air 2L LV 3300Lm 3000K No dim	3DXXSLCHXA02	500	23.8	139	83	13.8	0.95	II
Linessa Air 2L LV 3300Lm 3000K 1-10V & Push	3DXXSLCHXE02	500	23.8	139	83	13.8	0.95	II
Linessa Air 2L LV 3300Lm 3000K Dali	3DXXSLCHXC02	500	23.8	139	83	13.8	0.95	II
Linessa Air 2L LV 4550Lm 3000K No dim	3DXXSLCHSG02	700	33.6	135	83	14.9	0.95	I
Linessa Air 2L LV 4550Lm 3000K 1-10V & Push	3DXXSLCHSM02	700	33.6	135	83	14.9	0.95	II
Linessa Air 2L LV 4550Lm 3000K Dali	3DXXSLCHSK02	700	33.6	135	83	14.9	0.95	II
Linessa Air 2L LV 3450Lm 4000K No dim	3DXXSLCHXB02	500	23.8	145	83	14.0	0.95	II
Linessa Air 2L LV 3450Lm 4000K 1-10V & Push	3DXXSLCHXF02	500	23.8	145	83	14.0	0.95	II
Linessa Air 2L LV 3450Lm 4000K Dali	3DXXSLCHXD02	500	23.8	145	83	14.0	0.95	II
Linessa Air 2L LV 4750Lm 4000K No dim	3DXXSLCHSH02	700	33.6	141	83	15.1	0.95	I
Linessa Air 2L LV 4750Lm 4000K 1-10V & Push	3DXXSLCHSN02	700	33.6	141	83	15.1	0.95	II
Linessa Air 2L LV 4750Lm 4000K Dali	3DXXSLCHSL02	700	33.6	141	83	15.1	0.95	II
Linessa Air 2L LV 3450Lm 2700-6500K Dali	3DXXSLCHSJ02	750	22.3	155	83	14.0	0.90	I
Linessa Air 2L LV 3450Lm 2700-6500K Casambi	3DXXSLCHSQ02	750	22.3	155	83	14.0	0.90	I

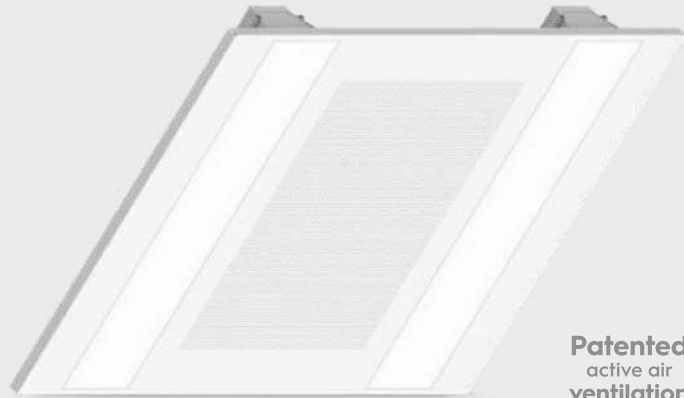
All values are measured at 230V (+/- 7%).



LINESSA AIR 2L 595x595 / 620x620

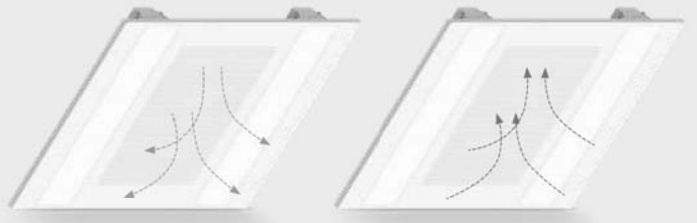
**NEW**

Available from Q3 2023.



**Patented active air ventilation**

595x595 / 620x620 mm



LINESSA 2L 595x595 / 620x620

**COLOURS**

Ceiling plate: Matt white RAL 9016

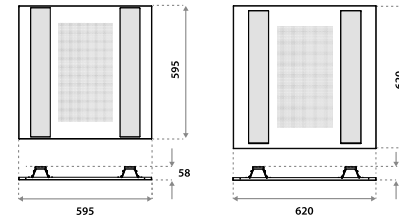
**PLENUM BOX**



Can be connected to all major ventilation systems.

# Cortina Air 2L

**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 ICLE eldoLED

**CHOOSE YOUR LUMEN OUTPUT**

	mA	W per lamp	Lumen Output		Lumen / watt		UGR	
			3000K	4000K	3000K	4000K	3000K	4000K
<i>Special request</i>	500	19,0	2600	2700	137	142	17,5	17,6
<b>Standard</b>	700	27,1	3500	3700	129	137	18,5	18,7
<i>Special request</i>	900	35,4	4400	4600	124	130	19,3	19,5
<b>Standard</b>	1050	41,8	5050	5300	121	127	19,8	20,0
<i>Special request</i>	1200	48,4	5700	5950	118	123	20,2	20,4

**ITEM SPECIFICATIONS** See pricelist 2023 page 50

Description	Item code	mA	W per lamp	Lm/W	CRI (typ)	UGR	PF	Safety class
Cortina Air 2L 3500Lm 3000K No dim	CAXXSLMWSG02	700	27,1	129	83	14,8	0,95	II
Cortina Air 2L 3500Lm 3000K 1-10V & Push	CAXXSLMWSM02	700	27,1	129	83	14,8	0,95	II
Cortina Air 2L 3500Lm 3000K Dali	CAXXSLMWSK02	700	27,1	129	83	14,8	0,95	II
Cortina Air 2L 5050Lm 3000K No dim	CAXXSLMWTR02	1050	41,8	121	83	16,1	0,95	I
Cortina Air 2L 5050Lm 3000K 1-10V & Push	CAXXSLMWT02	1050	41,8	121	83	16,1	0,95	II
Cortina Air 2L 5050Lm 3000K Dali	CAXXSLMWT02	1050	41,8	121	83	16,1	0,95	II
Cortina Air 2L 3700Lm 4000K No dim	CAXXSLMWSH02	700	27,1	137	83	15,0	0,95	II
Cortina Air 2L 3700Lm 4000K 1-10V & Push	CAXXSLMWSN02	700	27,1	137	83	15,0	0,95	II
Cortina Air 2L 3700Lm 4000K Dali	CAXXSLMWSL02	700	27,1	137	83	15,0	0,95	II
Cortina Air 2L 5300Lm 4000K No dim	CAXXSLMWT02	1050	41,8	127	83	16,3	0,95	I
Cortina Air 2L 5300Lm 4000K 1-10V & Push	CAXXSLMWTU02	1050	41,8	127	83	16,3	0,95	II
Cortina Air 2L 5300Lm 4000K Dali	CAXXSLMWTW02	1050	41,8	127	83	16,3	0,95	II

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



# Eyeleds



## MULTI ROUND / SQUARE

Eyeleds\* Multi is a single, linkable version of the popular 'Floorleds' floor lighting system. It features a built-in depth of just 6.5 mm and offers revolutionary possibilities to be creative with light. The Eyeleds\* Multi has two 80 cm cables with a male and female IP67 plug connector, pre-attached. Eyeleds\* Multi can be used as interior design accents, guides or night-lights

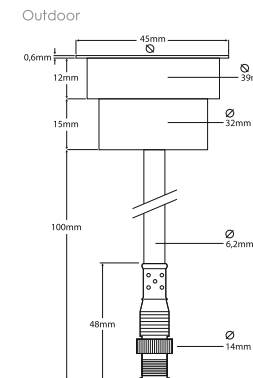
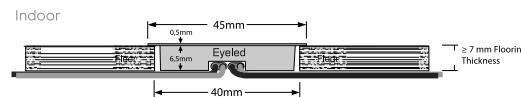
## POWEREYE 180 / 360

Due to its low-profile housing, the PowerEYE can be installed just about anywhere. The PowerEYE 180 creates a wallwash effect when installed into vertical surfaces. The PowerEYE 180 can be installed virtually anywhere such as baseboards, stair stringers and walkways. The PowerEYE 360 is ideally suited for use in ceilings, under kitchen cabinets, display cases, book cases, recessed cubicles and more. However it can not be dimmed!

## OUTDOOR

Eyeleds\* Outdoor are used as accents, for orientation, markers, guides or night-lights in outdoor landscape designs, decking, pavers, tiles, boat docks, piers, concrete sidewalks and driveways. Eyeleds\* Outdoor Pro is an innovative range of plug and play outdoor surface lighting with pre-attached waterproof IP67 connectors. Eyeleds\* Outdoor Pro, low profile LED light fixtures, install flush into most exterior surfaces. The fitting recesses into a 40mm diameter hole, drilled through the surface of the material. The fixtures are made of top quality materials and components that are resistant to corrosion and UV-radiation. The solid construction is engineered to withstand heavy use: walking or even driving over the lights is not a problem.

## DIMENSIONS



## SPECIFICATIONS

Environment	IP67 frontside (not backside), indoor application only
IK Code	IK10
Walkover Pressure	Max. 285kg / 2850N
Lens and Housing	Polycarbonate
Metal Parts	Stainless Steel (INOX 316)
Warranty	5 Years



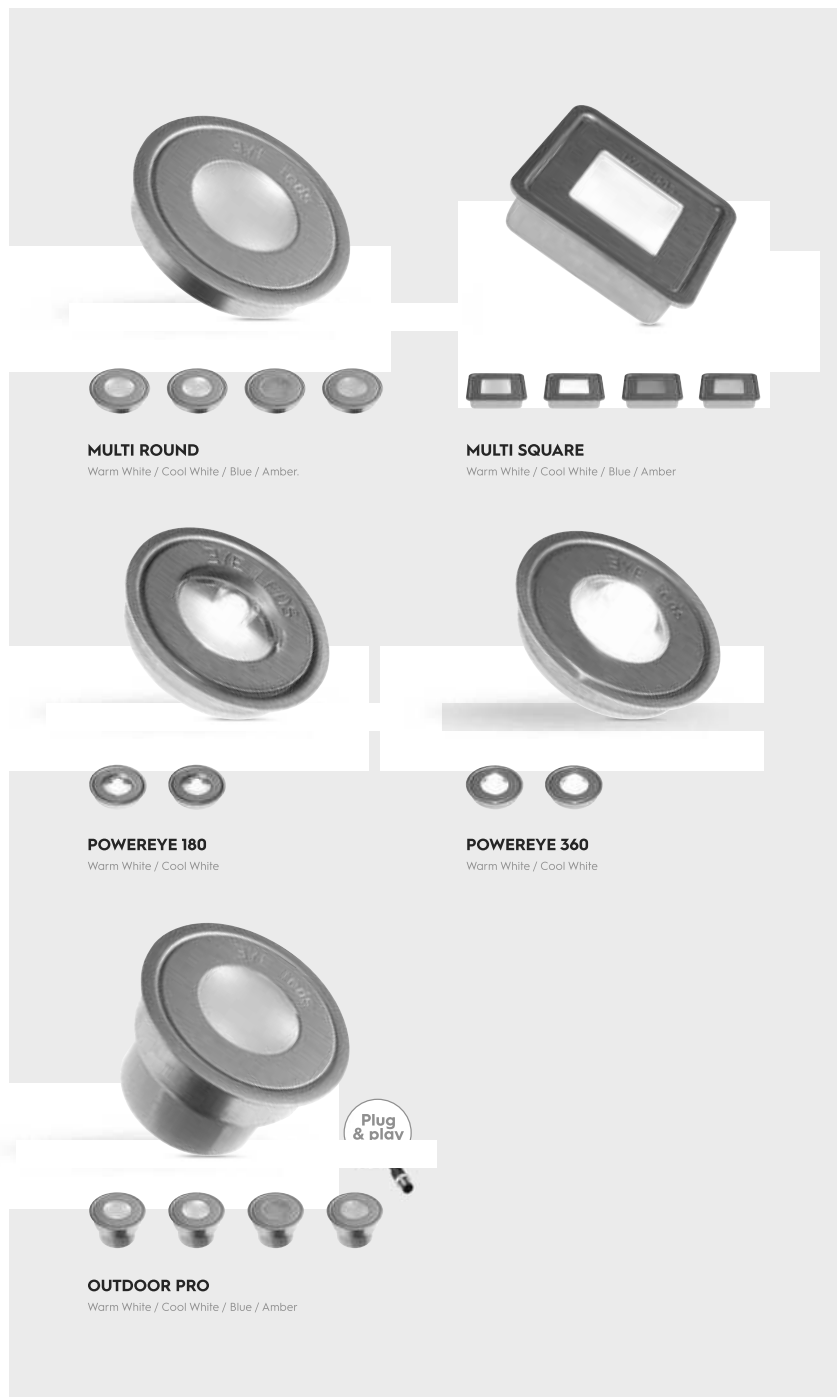
## ITEM SPECIFICATIONS

Description	Item code	Eyeleds code	Input	W per lamp	Lm	Safety class
Multi Round LED 3000K	5745690U40809	EMU-RWW-01	12Vdc (excl. PSU)	0.3	1.6	III
Multi Round LED 4500K	5745690U03509	EMU-RCW-01	12Vdc (excl. PSU)	0.3	1.6	III
Multi Round LED Blue	5745690U21609	EMU-RBL-01	12Vdc (excl. PSU)	0.3	1.6	III
Multi Round LED Amber	5745690U04109	EMU-RAM-01	12Vdc (excl. PSU)	0.3	1.6	III
Multi Square LED 3000K	3942000U40809	EMU-SWW-01	12Vdc (excl. PSU)	0.6	2.0	III
Multi Square LED 4500K	DJ6Y0164U	EMU-SCW-01	12Vdc (excl. PSU)	0.6	2.0	III
Multi Square LED Blue	DJ6Y0Y84U	EMU-SBL-01	12Vdc (excl. PSU)	0.6	2.0	III
Multi Square LED Amber	DJ6Y0IK4U	EMU-SAM-01	12Vdc (excl. PSU)	0.6	2.0	III
PowerEYE 180 LED 2700K	4914000U36309	EPH-RWW-01	12Vdc (excl. PSU)	1.0	32	III
PowerEYE 180 LED 4000K	4914000U03509	EPH-RCW-01	12Vdc (excl. PSU)	1.0	32	III
PowerEYE 360 LED 2700K	4913990U36309	EPO-RWW-01	12Vdc (excl. PSU)	1.0	40	III
PowerEYE 360 LED 4000K	4913990U03509	EPO-RCW-01	12Vdc (excl. PSU)	1.0	40	III
Outdoor Pro LED 3000K	1760190U40809	EOP-RWW-01	12Vdc (excl. PSU)	0.3	1.6	III
Outdoor Pro LED 4500K	1760190U03509	EOP-RCW-01	12Vdc (excl. PSU)	0.3	1.6	III
Outdoor Pro LED Blue	1760190U21609	EOP-RBL-01	12Vdc (excl. PSU)	0.3	1.6	III
Outdoor Pro LED Amber	1760190U04109	EOP-RAM-01	12Vdc (excl. PSU)	0.3	1.6	III

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

Eyeleds

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### MULTI ROUND

Warm White / Cool White / Blue / Amber.

### MULTI SQUARE

Warm White / Cool White / Blue / Amber

### POWEREYE 180

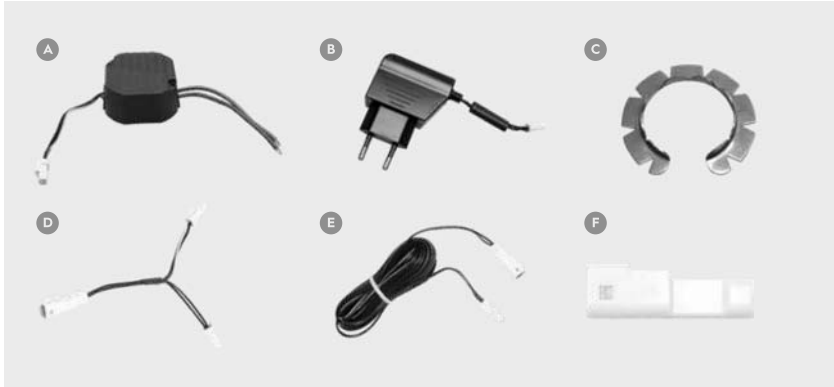
Warm White / Cool White

### POWEREYE 360

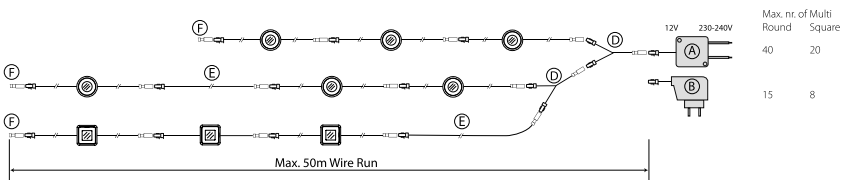
Warm White / Cool White

### OUTDOOR PRO

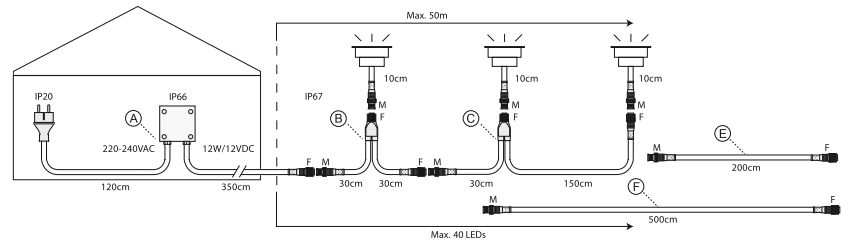
Warm White / Cool White / Blue / Amber



Description	Item code	Eyeleds code
<b>A</b> Indoor built-in power supply 12Vdc / 12W	AZ090001U	EIA-10000
<b>B</b> Indoor plug-in power supply EU 12Vdc / 5W	AZ170021U	EIA-11000
<b>C</b> Set of 10x carpet clamp ring	3240600U00201	EIA-60000
<b>D</b> Indoor T-splitter	AZ180001U	EIA-20000
<b>E</b> Indoor extension cable 100cm	3240400U00202	EIA-30002
<b>E</b> Indoor extension cable 300cm	3240410U00202	EIA-30003
<b>E</b> Indoor extension cable 600cm	AZ150001U	EIA-30004
<b>F</b> End Stop	3240310U00102	EIA-40000



Description	Item code	Eyeleds code
<b>A</b> Outdoor Pro power supply -EU 12VDC/12W	AZ100001U	OPA-11000
<b>B</b> Outdoor Pro PSU-UK 12VDC/12W	AZ860001U	OPA-11003
<b>C</b> Outdoor Pro splitter 30/30cm	AZ120001U	OPA-20001
<b>C</b> Outdoor Pro splitter 30/150cm	AZ110001U	OPA-20003
<b>D</b> Outdoor Pro extension cable 200cm	AZ130001U	OPA-30001
<b>E</b> Outdoor Pro extension cable 500cm	AZ140001U	OPA-30002



# Correction ring

See pricelist 2023 page 56

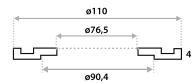
The LED luminaire fits flush in the correction ring, creating a natural and elegant look. The correction ring can also be placed inside the ceiling to prevent the springs from damaging the ceiling panel.



## CORRECTION RING 75-110 MM

The correction ring is used in (retrofit) installations with existing hole sizes measuring 75-110 mm. For use with Fluxe 75, Linea 75 and Curion 75.

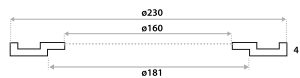
Item code	008V03MW0000
Colour	Matt White RAL 9016
Type of material	Steel



## CORRECTION RING 150-230 MM

The correction ring is used in (retrofit) installations with existing hole sizes measuring 150-210 mm. For use with Linea 120 and Linea DS-F 150.

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



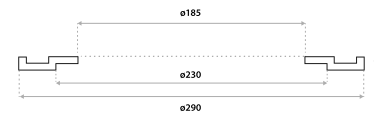
## CORRECTION RING 185-290 MM

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

**Accessible ceilings**  
If you can access the backside of the ceiling a second correction ring can be used to cover holes up to Ø 275mm (sandwich solution).

**Non-Accessible ceilings**  
The standard Linea 185 GS & WS can be used for holes up to Ø 210mm. If we specially bend the springs of the Linea 185 GS it can be used in combination with a correction ring for holes up to Ø 250mm (ask our sales department)

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



# Anti-Glare ring



## ANTI-GLARE RING 97x20mm

The Anti-Glare ring eliminates direct blinding of the eyes. It can be easily mounted (without prior production). For use with Fluxe 75 and Linea 75.

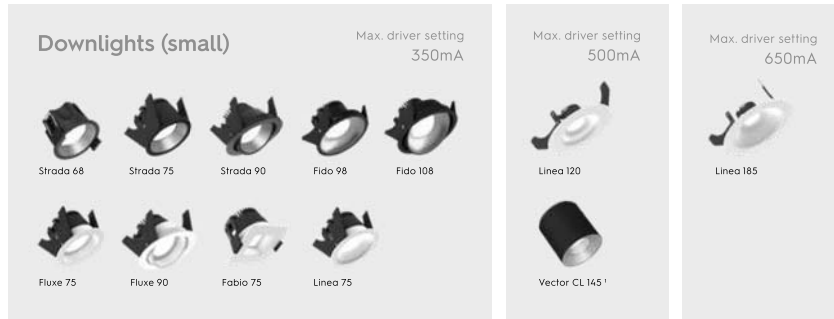
Item code	00FV03XX0000
Colour	White (xx+MW) / Black (xx+BL)
Type of material	Solid aluminium



ACCESSORIES

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# Choose your LV lumen output



### 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	127570*	x	x	x	x
Special request	200	8.1	700	750	825	86	93	102	127570*	x	x	x	x
Special request	250	9.8	850	900	1000	87	92	102	127570*	x	x	127576 <sup>2</sup>	x
Special request	300	12.0	1050	1100	1200	88	92	100	127570*	x	125400	127576 <sup>2</sup>	127630
Standard	350	15.8	1150	1250	1350	83	91	98	127570*	127030	125400	127576 <sup>2</sup>	127630
Special request	400	15.8	1300	1425	1550	82	90	98	127570*	x	125400	127576 <sup>2</sup>	127630
Special request	450	18.0	1475	1600	1750	82	89	97	127570*	x	125400	127576 <sup>2</sup>	127630
Standard	500	20.1	1625	1800	1925	81	89	96	127570*	127032	125400	127576 <sup>2</sup>	127630
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	127480	x	126421	127576	127630
Special request	600	23.9	1900	2050	2225	80	86	93	127480	x	126421	127576	127630
Standard	650	26.0	2050	2250	2400	79	86	92	127480	x	126421	127576	127630

### CRI80/97 STANDARD

	MA	W	LUMEN OUTPUT			LUMEN / WATT			DRIVER TYPES				
			CRIB0 3000K	CRIB0 4000K	CRIB97 3000K	CRIB0 3000K	CRIB0 4000K	CRIB97 3000K	NO DIM	TRIAC	1-10V&PUSH	DALI	CASAMBI
Special request	250	9.4	1200	1400	800	127	149	85	127570	x	126421	127576	x
Special request	350	13.2	1650	1900	1100	125	144	83	127570	x	127021	127576	127630
Cylinder / Lido 235	500	17.9	2250	2500	1450	125	139	81	127570	127032	123400	127576	127630
Special request	500	17.9	2250	2500	1450	125	139	81	127570	127032	127021	127576	127630
Standard	700	27.0	3000	3400	2150	111	126	80	127480N	122260	127021	127576	127630
Special request	800	32.1	3400	3750	2500	106	117	78	127484	on request	127021	127490	127630
Special request	900	35.5	3700	4100	2700	104	115	76	127484	on request	127021	127490	127630
Special request	1050	41.7	4200	4700	3000	101	113	72	127484	on request	127021	127490	127630
Standard	1200	50.5	5000	5700	3250	99	113	64	127690	on request	123170	123170	On request
Special request	1400	57.2	5600	6300	3750	98	110	66	x	on request	123170	123170	On request

### SPECIAL LUXEON STYLIST SERIES LEDS

	CCT	CRI	R9	RF	RG	R15	TLCI	DOWNLIGHTS SMALL		DOWNLIGHTS LARGE		DOWNLIGHTS LARGE		ITEM CODE
								MA	LM	MA	LM	MA	LM	
CRIB80	2700K	82	5	82	92	75	69	350 mA	1550	700 mA	2900	1200 mA	4800	51-4028-27-1
CRIB80	3000K	82	5	81	93	75	66	350 mA	1625	700 mA	3000	1200 mA	5000	51-4028-30-1
CRIB80	4000K	82	5	81	93	74	66	350 mA	1700	700 mA	3400	1200 mA	5700	51-4028-40-1
CRIB97	2700K	97	93	96	103	99	97	350 mA	1150	800 mA	x	1400 mA	x	50-3031-27
CRIB97	3000K	97	96	95	103	100	97	350 mA	1250	800 mA	2500	1400 mA	3750	50-3031-30
CRIB97	4000K	97	96	95	103	100	97	350 mA	1350	800 mA	x	1400 mA	x	50-3031-40
CrispWhite	3000K	90	61	87	102	89	83	350 mA	780	900 mA	2300	1400 mA	3550	51-4029-30
Red Meat	1800K	82	81	77	119	95	60	350 mA	515	900 mA	1750	1400 mA	2350	51-4042-00
Bread & Pastries	2700K	92	54	89	96	86	91	350 mA	770	900 mA	2600	1400 mA	3500	51-4045-00

CHOOSE YOUR

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### CRIB80 ON REQUEST

	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	575	625	650	115	125	130	127570*	x	x	x	x
Special request	150	6.1	700	750	775	115	123	128	127570*	x	x	x	x
Special request	200	8.1	925	975	1025	114	120	127	127570*	x	x	x	x
Special request	250	9.8	1125	1175	1225	115	120	125	127570*	x	x	127576 <sup>2</sup>	x
Special request	300	12.0	1350	1425	1500	113	119	125	127570*	x	125400	127576 <sup>2</sup>	127630
Special request	350	15.8	1550	1625	1700	112	118	123	127570*	127030	125400	127576 <sup>2</sup>	127630
Special request	400	15.8	1775	1850	1925	112	117	122	127570*	x	125400	127576 <sup>2</sup>	127630
Special request	450	18.0	1950	2025	2100	108	113	117	127570*	x	125400	127576 <sup>2</sup>	127630
Special request	500	20.1	2175	2250	2325	108	112	116	127570*	127032	125400	127576 <sup>2</sup>	127630
Vector CL 145	500	20.1	2175	2250	2325	108	112	116	122198	x	125400	123403 <sup>1</sup>	x
Special request	550	21.7	2300	2400	2475	106	110	114	127480	x	126421	127576	127630
Special request	600	23.9	2475	2575	2675	104	108	112	127480	x	126421	127576	127630
Special request	650	26.0	2600	2700	2800	100	104	108	127480	x	126421	127576	127630

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

LV LUMEN

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	
Special request	500	19.0	2600	2700	137	142	17.5	17.6	127570	127021	127576	127650	
Standard	700	27.1	3500	3700	129	137	18.5	18.7	127480N	127021	127576	127650	
Special request	900	35.4	4400	4600	124	130	19.3	19.5	127484N	127021	127490	127650	
Standard	1050	41.8	5050	5300	121	127	19.8	20.0	127484N	127021	127490	127650	
Special request	1200	48.4	5700	5950	118	123	20.2	20.4	127690	123170	123170	x	

Linessa 2L



Linessa 2L 595x595  
620x620

	MA	W	LUMEN OUTPUT		LUMEN / WATT		UGR		DRIVER TYPES				
			3000K	4000K	3000K	4000K	3000K	4000K	NO DIM	1-10V&PUSH	DALI	CASAMBI	
Special request	350	16.6	2350	2450	142	148	12.6	12.8	127570	126421	127576		
Standard	500	23.8	3300	3450	139	145	13.8	14.0	127570	126421	127576		
Special request	600	28.6	3950	4100	138	143	14.4	14.6	127480N	126421	127490		
Standard	700	33.6	4550	4750	135	141	14.9	15.1	127480N	126421	127490		
Special request	900	43.5	5800	6000	133	138	15.8	15.9	122204	On request	ECO560A		
Special request	1050	51.0	6500	6750	127	132	16.2	16.3	122204	On request	ECO560A		

Aviora FL



Aviora FL 595x595  
620x620

	MA	W	LUMEN OUTPUT		LUMEN / WATT		UGR		DRIVER TYPES				
			3000K	4000K	3000K	4000K	3000K	4000K	NO DIM	1-10V&PUSH	DALI	CASAMBI	
Standard	500	23.8	3100	3250	130	137	14.8	14.9	127570	125421	127576	127650	
Special request	600	28.6	3700	3900	129	136	15.3	15.5	127480N	125421	127490	127650	
Standard	700	33.6	4300	4500	128	134	16.0	16.0	127480N	125421	127490	127650	
Special request	900	43.5	5500	5800	126	133	16.7	16.9	122204	125421	ECO560A	x	
Standard	1050	51.0	6200	6500	122	127	17.1	17.3	122204	127413	ECO560A	x	

Trackspots



Odion XS

Max 700mA



Odion XL

Max. 1400mA

	MA	W	LUMEN OUTPUT			LUMEN / WATT			DRIVER TYPES			
			3000K	4000K	3000K	3000K	4000K	3000K	NO DIM	NO DIM	DALI	CASAMBI
Special request	500	17.9	2250	2500	1450	125	139	81	GA-016	On request	PRO-T61050N	GA
Standard	700	27.0	3000	3400	2150	111	126	80	GA-016	On request	PRO-T61050N	GA
Special request	800	32.1	3400	3750	2500	106	117	78	GA-016	On request	PRO-T61050N	On request
Special request	850	33.9	3550	3900	2600	105	115	77	GA-016	OT FIT 40	PRO-T61050N	On request
Special request	900	35.5	3700	4100	2700	104	115	76	GA-016	OT FIT 40	PRO-T61050N	On request
Special request	1050	41.7	4200	4700	3000 <sup>1</sup>	101	113	72 <sup>1</sup>	127692 <sup>2</sup>	OT FIT 40	PRO-T61050N	On request
Standard	1200	50.5	5000	5700	3250	99	113	64	127692		On request	On request
Special request	1400	57.2	5600	6300	3750	98	110	66	127310	127692	On request	x

<sup>1</sup> Standard for Odion XS CRI97 no dim. <sup>2</sup> Alternative integrated driver GA-016 G3 on request.

Trackspots



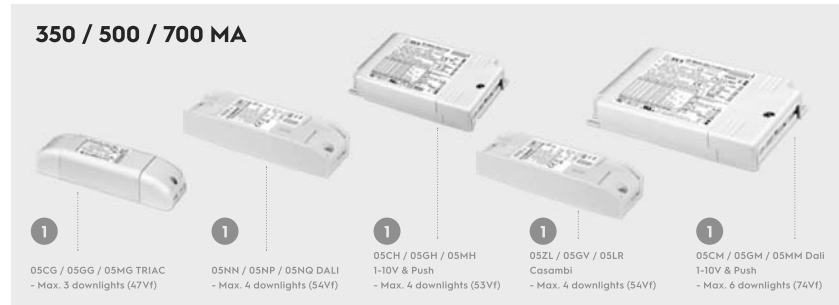
Linea AS-XS

Max. 800mA

	MA	W	LUMEN OUTPUT			LUMEN / WATT			DRIVER TYPES			
			3000K	4000K	3000K	3000K	4000K	3000K	NO DIM	NO DIM	DALI	CASAMBI
Special request	500	17.9	2250	2500	1450	125	139	81	GA-016	GA-016	PRO-T61050N	GA
Standard	700	27.0	3000	3400	2150	111	126	80	GA-016	GA-016	PRO-T61050N	GA
Special request	800	32.1	3400	3750	2500	106	117	78	GA-016	GA-016	PRO-T61050N	On request

CHOOSE YOUR

# Dimmable central PSU



**DIMMABLE CENTRAL POWER SUPPLIES** See pricelist 2023 page 56

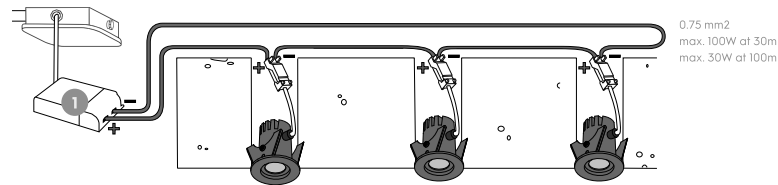
**350mA** - 05CG03MLMD00 / 05NN03MLMD00 / 05CH03MLMD00 / 05ZL03MLMD00 / 05CM03MLMD00  
**500mA** - 05GG03MLME00 / 05NP03MLME00 / 05GH03MLME00 / 05GV03MLME00 / 05GM03MLME00  
**700mA** - 05MG03MLMF00 / 05NQ03MLMF00 / 05MH03MLMF00 / 05LR03MLMF00 / 05MM03MLMF00

**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	05NN03MLMD00	18W (54Vf)	350mA	90%	0.95	<3%	220-240V	147x44x30 mm	5A 50µs	50 pcs
PSU 18W 350mA 1-10V & Push	05CH03MLMD00	18W (53Vf)	350mA	90%	0.95	<3%	220-240V	103x67x21 mm	5A 50µs	50 pcs
PSU 18.5W 350mA Casambi	05ZL03MLMD00	18.5W (54Vf)	350mA	90%	0.95	<3%	220-240V	147x44x30 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	05NP03MLME00	27W (54Vf)	500mA	90%	0.95	<3%	220-240V	147x44x30 mm	5A 50µs	50 pcs
PSU 25W 500mA 1-10V & Push	05GH03MLME00	25W (50Vf)	500mA	90%	0.95	<3%	220-240V	103x67x21 mm	5A 50µs	50 pcs
PSU 27W 500mA Casambi	05GV03MLME00	27W (54Vf)	500mA	90%	0.95	<3%	220-240V	147x44x30 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	05NQ03MLMF00	38W (54Vf)	700mA	90%	0.95	<3%	220-240V	147x44x30 mm	5A 50µs	50 pcs
PSU 32W 700mA 1-10V & Push	05MH03MLMF00	32W (46Vf)	700mA	90%	0.95	<3%	220-240V	103x67x21 mm	5A 50µs	50 pcs
PSU 36W 700mA Casambi	05LR03MLMD00	36W (51Vf)	700mA	90%	0.95	<3%	220-240V	147x44x30 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

**INSTALLATION DIMMABLE CENTRAL POWER SUPPLY**

Downlight including Phoenix to connection box.



**All spots should be connected in series!**

PLUG & PLAY CABLES

# Plug & play cables



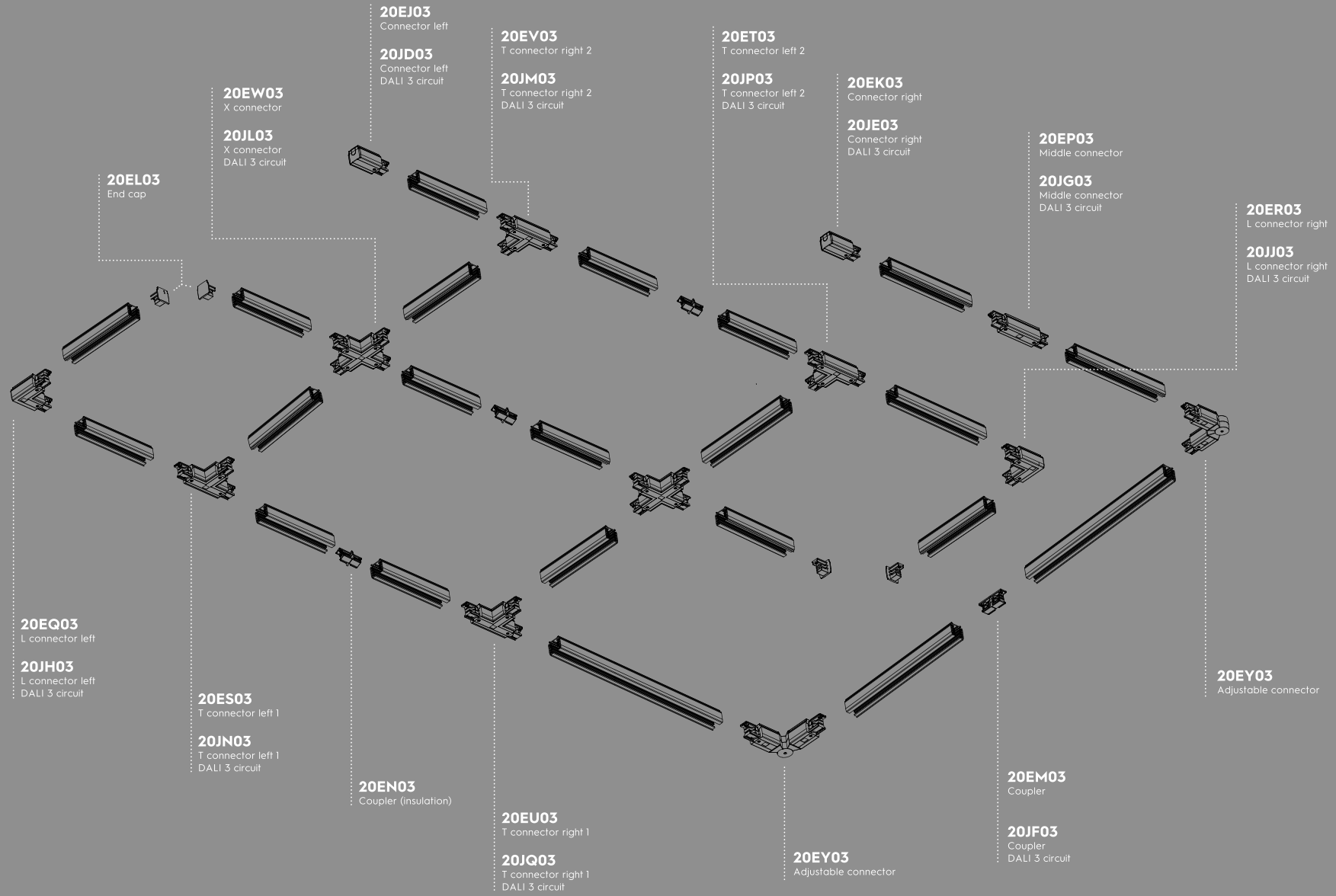
**PLUG & PLAY SOLUTIONS PREFAB** See pricelist 2023 page 57

Description	Class	Length	Item code	Length	Item code	Length	Item code
A Euro plug incl. cable	II	0.3 m	x	2.0 m	015203BL1200	3.0 m	x
B Schuko plug incl. cable	I	0.3 m	x	1.5 m	1C5203BLA000	3.0 m	x
C UK plug incl. cable	II	0.3 m	x	2.0 m	0A5203BL1200	3.0 m	x
D GST18-3 male incl. cable 2x0.75mm²	II	0.3 m	455203BL0000	2.0 m	x	3.0 m	455203BL1500
D GST18-3 male incl. cable 3x0.75mm²	I	0.3 m	4A5203BL0000	2.0 m	x	3.0 m	4A5203BL1500
E 1-10V/Dali GST18-5 male incl. cable 4x0.75mm²	II	0.3 m	655203BL0000	2.0 m	x	3.0 m	655203BL1500
E 1-10V/Dali GST18-5 male incl. cable 5x0.75mm²	I	0.3 m	6A5203BL0000	2.0 m	x	3.0 m	6A5203BL1500
F 1-10V/Dali BST14i male incl. cable	III	0.5 m	095203BL0000	2.0 m	x	3.0 m	095203BL1500
G GST18-3 T-splitter male incl. cable	II	0.2 m	459203BL0000	2.0 m	x	3.0 m	x
G GST18-3 T-splitter male incl. cable	I	0.2 m	4A9203BL0000	2.0 m	x	3.0 m	x
H GST18-5 T-splitter male	I / II	x	659203BU0000	2.0 m	x	3.0 m	x
I 1-10V/Dali BST14i T-splitter male incl. cable	III	0.2 m	099203BL0000	2.0 m	x	3.0 m	x
J LV plug to RJ45 plug	III	0.2 m	675205BL0000	2.0 m	x	3.0 m	x



# Track system accessories diagram

ACCESSORIES



# Emergency pack

## EMERGENCY CONTROL



## BATTERY PACK



## LED INDICATOR

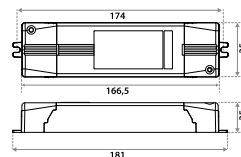


**Large downlights:** Indicator can be mounted into the rim of the downlight.

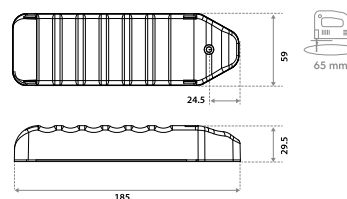
**Small downlights:** Indicator can be mounted into the ceiling next to the downlight.

## DIMENSIONS

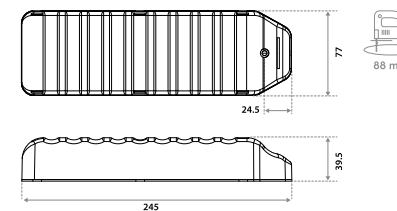
### Emergency control



### 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	Polyamid
Expected Lifetime	4 years
Warranty	2 years
Battery type	Ni-Cd
Charging time	24 Hrs (max. 500x)
Length LED cable	350mm
Hole size for Indicator	Ø 9mm
Indicator green	No action needed

DIP-SWITCH	DIP-SWITCH	Working voltage during emergency (V <sub>v</sub> )	Output current during emergency (I)	Power max. for LED modules
Special request	A	12 V cost.	200 ± 10%	24 W
Special request	B	24 V cost.	160 ± 10%	30 W
Special request	C	46 V cost.	60 ± 10%	50 W
Standard	D	9.58 V	200...30mA	-

## ITEM SPECIFICATIONS See pricelist 2023 page 56

Description	Item code	Type	Battery capacity
EP 1Hr	185LVP53EPI-4	incl. battery and lamp	7.2V -1.6 Ah
EP 3Hr	185LVP53EP3-4	incl. battery and lamp	7.2V -4.0 Ah

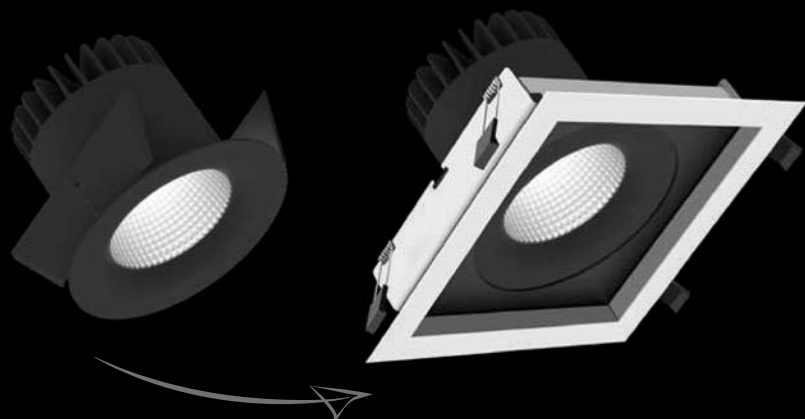
All values are measured at 230V (+/- 7%).



# Tailor-made lighting

We have introduced a new name for our custom-made business unit;

CUSTOM MADE



# MIYO

Make it your own.

MAKE IT YOUR OWN

## 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 assembled to custom orders in our social and in-house workshops 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 special division, we are able to offer a complete package. There is a wide choice of assorted and custom made products at competitive prices.



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

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Minimum order  
of 50 units



Receive your quote  
within 48 hrs



Average delivery  
time is 6 weeks



# MIYO

Make it your own.

## 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.



CUSTOM MADE

### MAKE IT YOUR OWN! (MIYO)

We solve customer problems by making customised luminaires. MIYO can do that competitively because we try to use as many existing Illuxtron components as possible. We pick and combine and only have to make what we don't have in stock.

### WHY WE ARE GOOD AT IT

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

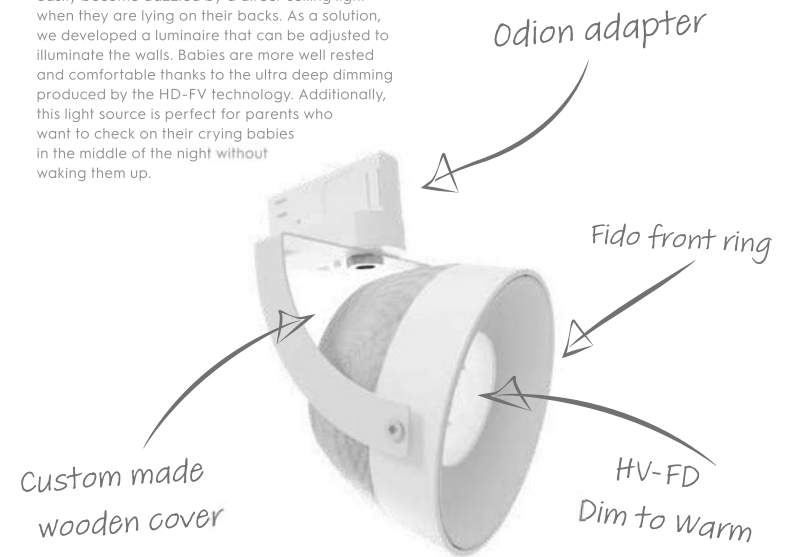
- We can do powder coating at the end of the street
- There is a CNC metalworking company in the same building
- Our sheet metal partner is 1 hour away from us
- The social workshop is a 10 minute walk away

This gives us Flexibility and Speed!



## How does it work?

Here is an example of our tailor-made nursery luminaire. This luminaire was specifically designed for a baby room concept. Small children would easily become dazzled by a direct ceiling light when they are lying on their backs. As a solution, we developed a luminaire that can be adjusted to illuminate the walls. Babies are more well rested and comfortable thanks to the ultra deep dimming produced by the HD-FV technology. Additionally, this light source is perfect for parents who want to check on their crying babies in the middle of the night without waking them up.



This light fixture blends in well with the trendiest and friendliest nurseries thanks to the wooden accent ring and the green paint. The adjustable luminaire is also ideal for creating a cosy, pleasant atmosphere in your living room or retail space.

# MIYO

Make it your own.

Let's be creative!



Minimum order of 50 units



Receive your quote within 48 hrs

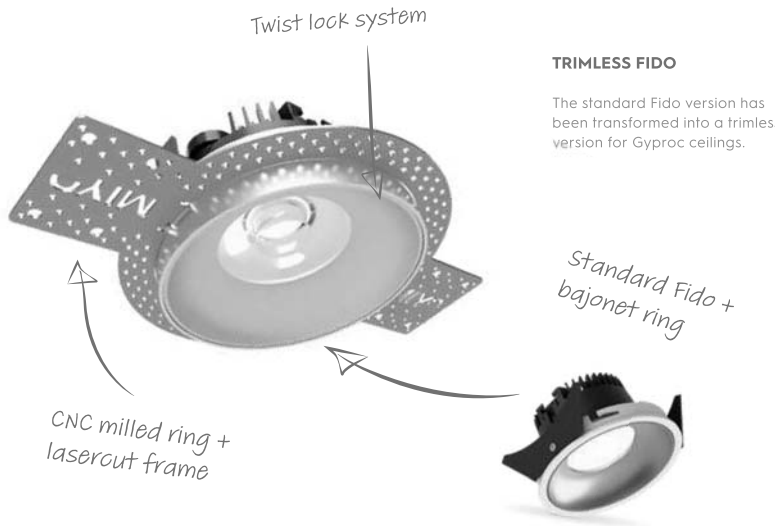


Average delivery time is 6 weeks

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

# Examples of making it your own

CUSTOM MADE

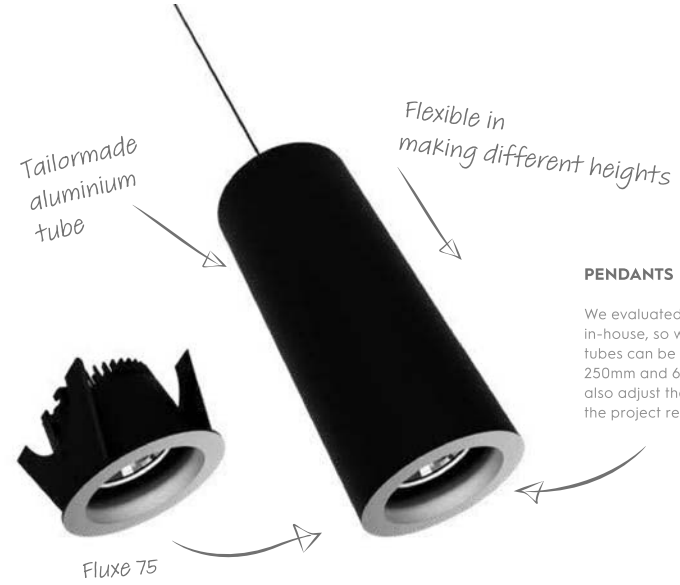


### TRIMLESS FIDO

The standard Fido version has been transformed into a trimless version for Gyproc ceilings.

### GRID LIGHT

Except for the LED technology, almost everything is made from new parts. In particular, the grid to limit the longitudinal visibility was a requirement of the customer.



### PENDANTS

We evaluated the profiles in-house, so we know that the tubes can be any length between 250mm and 6 metres. We can also adjust the colour based on the project requirements.

### ODION WITH CASAMBI 2700-6500K

This tunable spot can be used in a standard 3 Phase track. Both Dali and Casambi evolution are also capable of dimming.



### CASAMBI



### FIDO TUBES

Playing around with various lengths and colours can create architectural shapes that have a distinctive aesthetic. You can cut the tube to a variety of lengths.

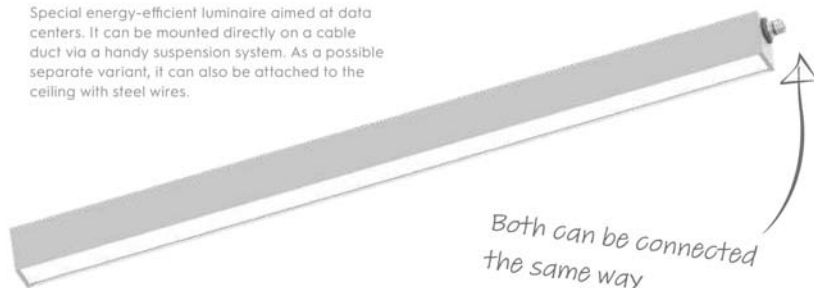


## Datacenter specials

CUSTOM MADE

### LINEAR LINE

Special energy-efficient luminaire aimed at data centers. It can be mounted directly on a cable duct via a handy suspension system. As a possible separate variant, it can also be attached to the ceiling with steel wires.



*Both can be connected the same way*



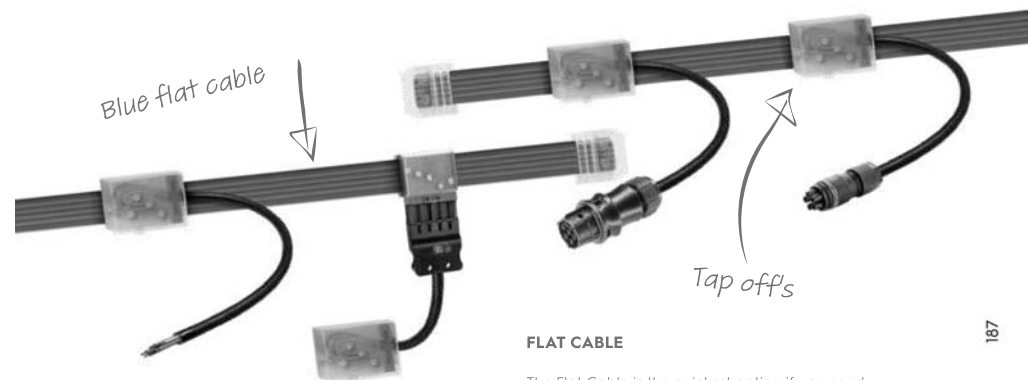
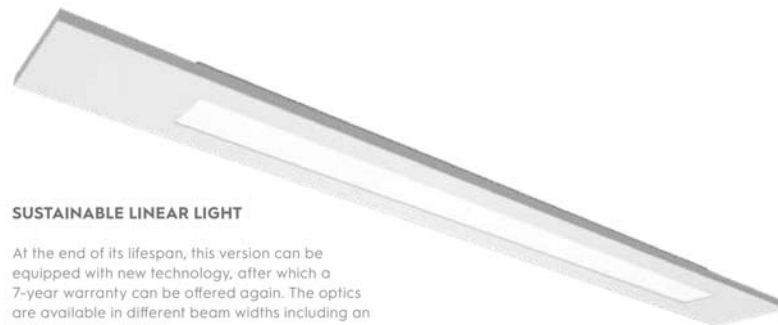
### EMERGENCY LUMINAIRE

Stand alone luminaire with wide beam and 318Lm for 3hrs. Can be connected in the same way as the Linear Line to a cable trunking.

MAKE IT YOUR OWN

### SUSTAINABLE LINEAR LIGHT

At the end of its lifespan, this version can be equipped with new technology, after which a 7-year warranty can be offered again. The optics are available in different beam widths including an asymmetrical version.



### FLAT CABLE

The Flat Cable is the quickest option if you need to complete your installation quickly. The 5P tap off's can be assembled by Illuxtron at any location and any length you desire.

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### ODION SPOT

A cable basket holds the Odion Trackspot's head in place. It is a cheap way to light up your (industrial) project with a lumen output of 6300Lm.



**MIYO**  
Make it your own.

# Recommended dimmer list Illuxtron HV-FD downlights

## DIMMING OF ILLUXTRON HV LED LUMINAIRES.

Dimming of LED luminaires can be a tricky business. There are no standards for LED dimming, there is no guarantee that any luminaire will work with any dimmer. Incompatibility between luminaires and dimmers can cause flickering, reduced dimming ranges, and can even cause damage and reduce the life span of the luminaire or the dimmer.

One general problem with LED luminaires is the occurrence of flickering. Illuxtron downlights do not flicker by themselves! They are not sensitive to most kinds of pollution present in electric power grids, such as harmonics and RCS signals. In combination with a dimmer, flickering can still occur for 3 main reasons:

1. The dimmer has a minimum load of say 50VA and there is less than 50 VA load from the luminaires. To solve this problem, select a dimmer with a lower minimum load.
2. There can be RCS signals on the power line that interfere with the dimmers' normal operation. In this particular case, select a dimmer with a built-in RCS filter or use an external RCS filter.
3. There can also be other powerline disturbances such as harmonics, which are caused by heavy motor drives or electric car chargers.

If filtering the power line is not effective enough, you can also use a UPS with a sinewave output to supply power to the light group.

Sometimes glowing can occur, even when the dimmer is turned off. This is mostly caused by current leakage through the dimmer. Workarounds for this are so-called dimmer compensators (e.g. Niko 310-0500X) which are connected in parallel over the luminaires.

Illuxtron HV LED downlights are different from general high voltage driverless LED luminaires. We offer some advantages over other HV LED downlights. Our HV downlights will not behave as a capacitive load. Through a special patented electronic circuit, they behave like a resistive load. This means the switching of the dimmer will not cause peak currents.

This has two major advantages:

- The maximum number of downlights that may be connected to a dimmer is only limited by the VA rating of the dimmer because there are no peak currents that affect the dimming behaviour.
- Generally speaking, there is no need to use special LED dimmers or trailing edge settings on a universal dimmer. E.g. an RL type leading edge dimmer (Feller 40600) works well with our HV-FD downlights. We have tested this dimmer with a load of 30 downlights of 10W each. The only drawback can be that this kind of dimmer requires a minimum load (e.g. 40 VA).

For this reason, our recommended dimmer list is different from the lists of other brands.

Over the years we have tested many dimmers with our luminaires. Test results are based on measurements in our laboratory. The recommendations in our dimmer list must be seen as a bit of advice, not a guarantee! Apart from that, dimmer manufacturers may change the dimmer's internal circuit without noticing us.

The absence of a dimmer in our list does not necessarily imply incompatibility.

If you have any questions about this, please contact our sales or R&D department.

For the latest information about our recommended dimmer list, see our website [www.illuxtron.com](http://www.illuxtron.com)

Dimmer operation modes:

Basically, there are three kinds of dimmer operation modes:

1. Flush mounted, rotary, or push-button operated dimmers
2. Remote controlled, wireless software or smartphone-operated dimmers e.g. Zigbee, BLE, etc.
3. Remote controlled, wired, push-button operated dimmers. E.g. DIN-rail

For each of these, you will find examples in our recommended dimmer list.

As this is a rapidly developing market, we keep our dimmer list up to date on our website.

Manufacturer	Product ID	Type	Power	Neutral	RCS	Range		
Flush mounted dimmers				1)	2)	min	max	
1	ABB-Busch&laeuger	6523 UR 103	RLC	2-400	X	x	0.2	100
2	CTM Lyng	MDimLed	LED	1-200	Y	x	0.0	100
3	Gira Berker Jung	1183 00/101	RL	20-500	X	?	0.0	99
4	Gira Berker Jung	1184 00/101	R	60-200	X	x	0.2	97
5	Legrand	0 02671	LED	3-75	Y	?	6.3	96
6	Legrand (Blinico)	L-N-NT441IN	LED	3-75	X	?	3.4	95
7	Lumiko /Klemko	D-PAF-200-LED	RC	1-200	X	x	0.0	98
8	Lutron	RRK-R2SNE-240	LED	1-250	Y	x	0.1	98
9	Niko	310-0190X	Uni	5-325	Y	✓	0.0	98
10	Niko	310-0290X	LED	3-300	X	✓	0.1	99
11	Niko	310-0390X	Uni	3-200	X	✓	0.0	95
14	Feller	40600 RL	RL	20-300	X	x	0.0	96
15	Merten	SBD SPL	RL	9-100	X	?	0.2	100
16	Merten	SBD600 RL	RL	40-600	X	x	0.0	96
17	Simon Electric	DS9T2		5-315	Y	x	0.1	100
18	Unilamp/Belid	KDT 250 E-I	LED	5-250	X	?	0.7	98
19	Unilamp/Luzense	KT-D-500 E4	LED	5-500	X	x	0.4	100
Wireless remote controlled dimmers (Bluetooth, Zigbee, RF)				1)	2)	min	max	
20	Casambi	CBU-TED Bluetooth	RC	1-100	Y	x	0.1	100
21	Dimmax (Trump)	420BLE	RLC	1-380	Y			
22	Eaton LED	CDAU-01/04	RLC	0-250	Y	x	2.0	100
23	RAKO	RMT-500	RC	1-500	Y	✓	0.0	100
24	RAKO	RMT-PILL	RC	1-250	Y	✓	0.1	98
Wired remote control dimmers (pulse, Din-rail etc)				1)	2)	min	max	
25	Dimmax (Trump)	420SL	RLC	1-200	Y	x	2.1	98
26	Eltako	EUD6INPN-UC	RLC	400	Y	x	2.9	95
27	Niko	330-0700(+330-0701)	LED	5-350	Y	✓	0.1	100
28	Qbus	Dim02SA/500	uni	2-500	Y	✓	0.1	100

1) Y = neutral required; X = no neutral required

2) x = sensitive to RCS signals e.g. flicker; ✓ = not sensitive to RCS

This list is based on measurements in a lab environment with nominal voltage, a different voltage may result in a different dimming range. Dimmer manufacturers may change the technical design of the dimmer without informing LED lamp suppliers. These changes can influence the performance of LED products. Illuxtron cannot be held responsible for inaccuracies in the compatibility lists due to technical changes in dimmers. Disclaimer: Illuxtron will not accept claims for any damage caused by implementing the recommendations in this document.

# Definitions and abbreviations

HV-FD	High Voltage Flickerfree Dimming
LV	Low Voltage (constant current) incl. Power Supply (PSU)
LV-C	Low Voltage (constant current) excl. Power Supply (PSU)
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)
GS	Supplied with gyproc springs to be installed in gyproc ceilings (metal only with the right thickness)
WS	Supplied with wire springs to be installed in gyproc and metal ceilings
COB	Chip On Board
UGR	Unified Glare Rating
CRI	Colour Rendering Index
PIR sensor	Motion sensor
AC LED	High Voltage LEDs (230V products)
CT technology	Colour Tune technology
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





