

Rewarding

Brightness

We are very proud to introduce our new catalogue and pricelist for 2019. We are continuously trying to improve our range using new technology, new product models and model variations. Our range now has over 10,000 product variations which can all be produced from our Dutch production site within 5 to 10 days. They all come with a 7-year warranty.*



NEW and improved in 2019:

- We have introduced a revolutionary flickerfree technology (HV-FD) to accompany our existing HV-IC technology
- A new Low Voltage technology with CRI 97 has been added to our range (MLM is still available)
- A Casambi version has been added to practically all of our products in the existing range
- We have also added two CRI97 LEDs to our Stylist Series for use in large COB down and tracklights
- The tuneable products will be delivered with a 2-Channel Dali 8 driver
- 75/90mm downlights now have new optics and smaller beam angles for accent lighting
- We have added a new surface mounting, the Aviora 595x595, with a thickness of only 23mm

If you have any questions please feel free to get in touch with us at sales@illuxtron.com.

*Read our warranty conditions for more information.

Education
is the
movement
from
darkness
to light.



Illuxtron works continuously on improving its high-voltage luminaires to reduce flicker effects.

Downlights (mini)

				
Fluxe 35 46	Fluxe 50 48	Fabio 35 50	Linea 68 adj 52	
				
Pointer 40 56	Pointer 68 58	Pointer 68 adj 62	Omega 35 64	Omega 50 66

Downlights (small)

						
Omega 75 68	Omega 90 70	Strada 75 72	Strada 90 74			
						
Fluxe 75 76	Fluxe 90 78	Curion 75 80	Curion 90 84	Fabio 75 86	Quad 75 88	Linea 75 90

Downlights (large)

					
Linea 120 92	Linea 185 94	Fluxe 185 96	Curion 185 98		
					
Linea DS-FS 120 100	Linea DS-F 150 102	Linea DS-A 195 104	Linea DS-AT 425x235 106	Linea 185 LV-HE+PS 108	Curion 185 LV-HE+PS 110

Surface mounted

						
Vector 100 132	Topp 100 134	Cylinder 100 138	Lido 100 140	Cylinder 235 142	Lido 235 144	Aviora SM 148

Sensor equipped downlights



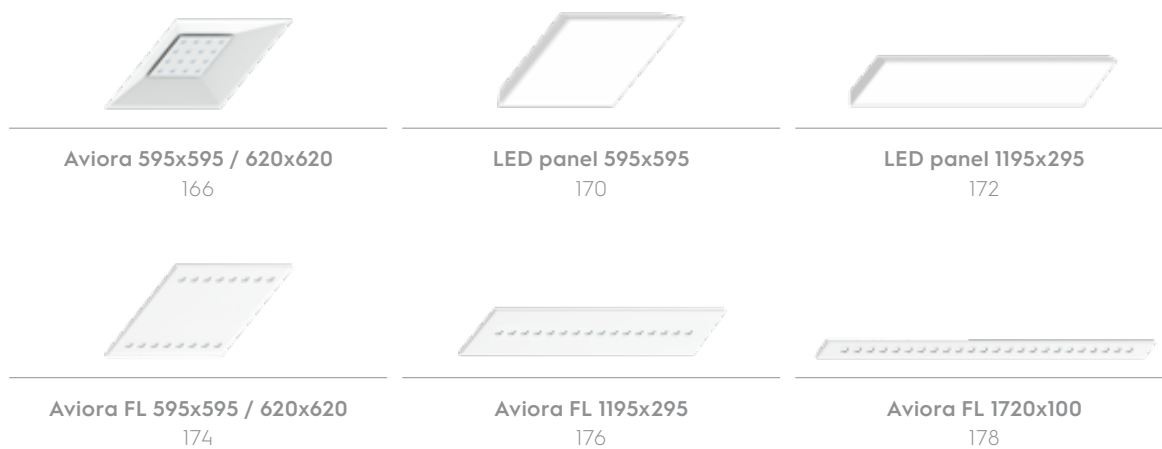
Trackspots



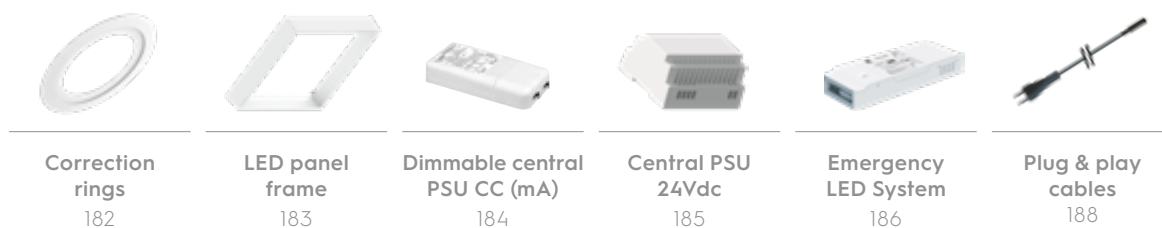
Profiles

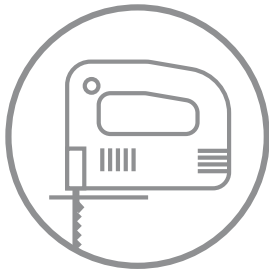


Recessed for modular ceilings



Accessories





35-68 mm Page 46-67

75-90 mm Page 68-91

120-185 mm Page 92-99

120-230 mm Page 100-113

75 mm Page 114-123

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

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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 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.

[Read our warranty conditions for more information.](#)

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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 the global level. Our designs and accompanying technologies are outlined and drawn by our R&D department. Our 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 quality.

OUR CORE VALUES

Always premium quality

Offering smart solutions

Exceeding expectations

No-nonsense mentality

Transparency

Flexibility is key

Building long-term relationships

Exceeding customer satisfaction

Inventiveness is in our DNA

Sharing knowledge

**Made in Holland**

This product has been developed and produced in the Netherlands in accordance with European quality standards.

**TE connectivity**

The product is equipped with a Nector S connector system. Nector S is a registered trademark of TE connectivity.

**ECO-solution**

This product is environmentally friendly.

**Unified Glare Rating**

The Unified Glare Rating (UGR): is an international index presented by the CIE (Commission Internationale de l'Eclairage) that is used to assess and limit the glare that is produced by a luminaire. A rating below 19 means a low glare factor.

**7 year warranty**

We can assure the highest possible quality, which translates into a low failure rate of 0.5% This allows us to offer a 7-year warranty on all Illuxtron products. Read our warranty conditions for more information.

OPTIMAL EFFICIENCY

We do not design our products just to meet standard norms. We aim to exceed these norms. Our luminaires are designed to provide a consistent light output and light colour for many years to come. Illuxtron products are made to last. One of the many advantages of LEDs is their long lifetime, which is due to the absence of movable parts or, for example, filaments that can break. When a LED's light output has dropped to 70% of its initial light output, it is time to replace it. This measure is also called L70. A typical L70 lifetime is at least 50,000 hours, depending on the temperature of the diode. At high temperatures, the blue chip and phosphor layer degenerate, leading ultimately to light loss.

All Illuxtron products are made with custom designed heat sinks. These heat sinks keep temperatures as low as possible which results in products with higher-than-average lifespans.

Our R&D department makes sure that our luminaires are optimally cooled, while continually testing new and innovative designs in order to optimize light output and colour rendering.

We aim to contribute to improving the environment, and one way of doing this is to develop ever more efficient luminaires.

QUALITY SUPPORT

Every manufacturer receives occasional reports of defects. When we receive such a report, the matter is immediately taken very seriously. Our Quality Support Manager works together with our product engineers to find ways of correcting the defect. Once the cause of the defect has been clearly identified, all fixtures are optimised in order to prevent the same defect from occurring again. Due to this approach, our failure rate is constantly going down. We always try to find adequate solutions for our clients and are also always prepared to provide advice. This way, we try to build long-term relationships with our clients so that we can respond exactly to their specific needs. This can be seen in our warranty conditions.

QUALITY ASSURANCE

Our materials are produced and supplied by market leaders such as TCI, Cree, Seoul Semiconductors, Nichia, Lumileds, TE Electronics, Wieland and Bergh Hybrid Circuits. Working exclusively with top-quality materials and components ensures that we can make good on our promise of delivering high quality products.

Downlights (mini)



Fluxe 35
46



Fluxe 50
48



Fabio 35
50



Omega 35
64



Omega 50
66



Linea 68
52



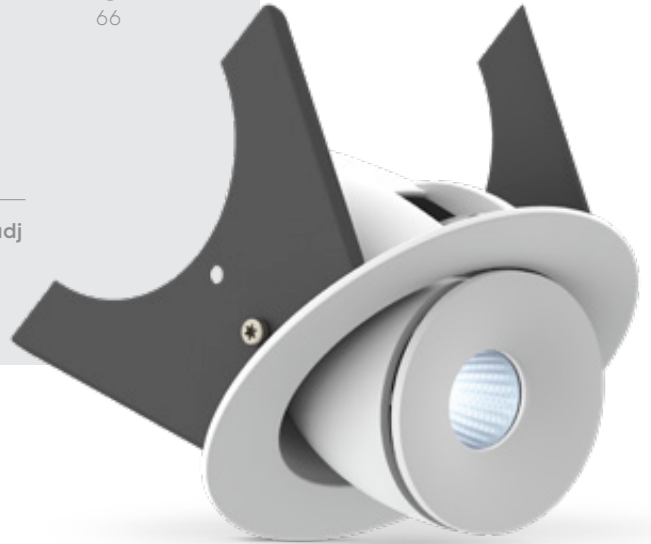
Pointer 40
56



Pointer 68
58



Pointer 68 adj
62



BARTENBACH

Bartenbach 'Dark Light' technology

TECHNICAL PARTNERSHIP BETWEEN BARTENBACH AND ILLUXTRON INTERNATIONAL

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

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 $2 \times 18.9^\circ$ at 50% value (FWHM) and only $2 \times 32.7^\circ$ at 10% value (FWTM). When we compare this with a standard GU10 halogen bulb of $2 \times 12^\circ$, the beam angle at 10% is actually wider than the $2 \times 32.7^\circ$. 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.

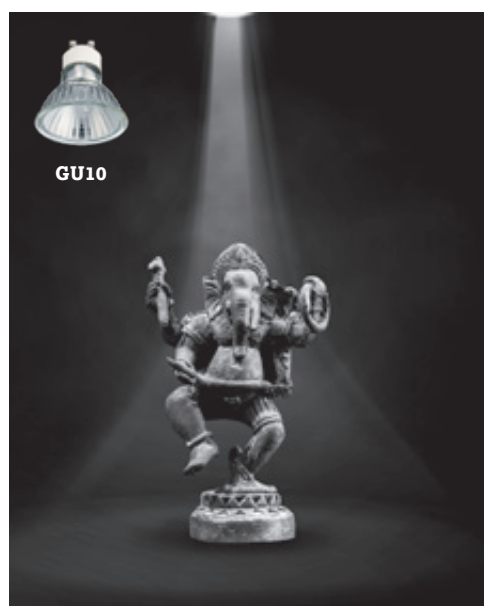
4W LED ENGINE EQUIVALENT OF 50W GU10

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



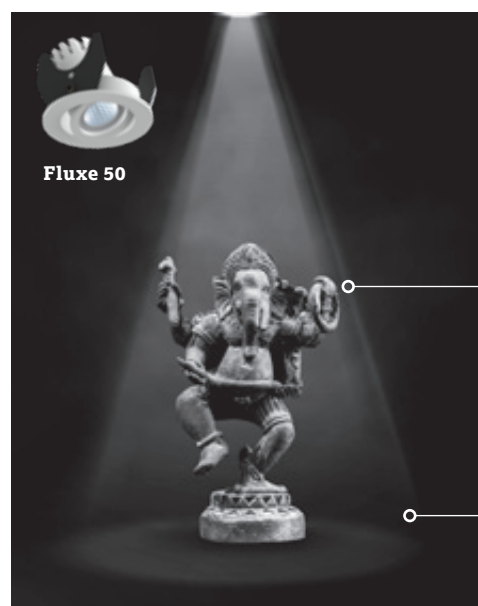
15

BEAM 24°



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

BEAM 40°



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

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

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



Pointer series



POINTER SERIES

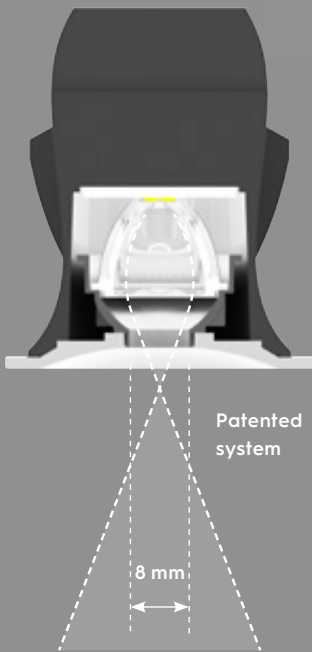
THE NEW SIGNATURE IN ARCHITECTURAL LIGHTING

Let's say you walk into a room that is perfectly lighted, 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 designer a possibility to present a room like they have never been able before. All the attention goes to the room, not to the glare.

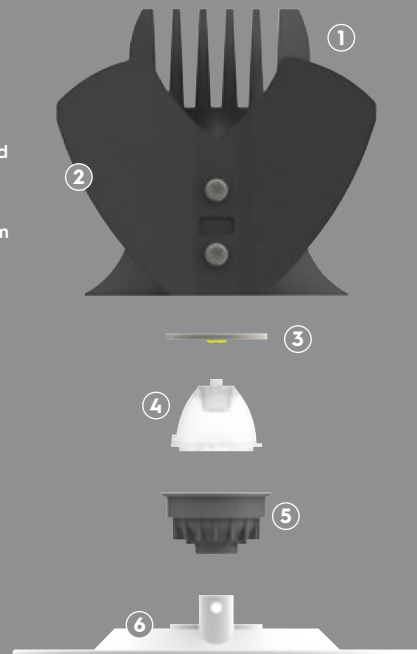
ZERO GLARE LENS

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.



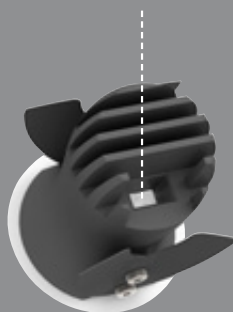
1. High end aluminum heatsink with a unique elegant design
2. New spring for concrete ceilings
3. PCB with a high power Cree Powered in 2700, 3000K and 4000K
4. Illuxtron patented optical lens system that makes pin-hole light possible
5. Anti glare cap that ensures no stray light. The total light opening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



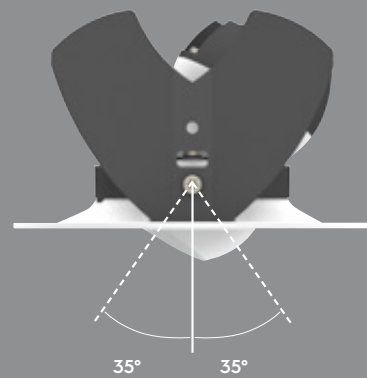
Adjustment option Pointer 68 adj



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



Adjustment option Pointer 68 adj





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)



Fluxe 75
64



Fluxe 90
66



Curion 75
68



Strada 75
72



Fabio 75
74



Quad 75
76



Linea 75
78



Omega 75
68



HV-FD TECHNOLOGY

High Voltage Flickerfree Dimming technology (HV-FD)

FLICKERFREE NO STROBOSCOPIC EFFECTS

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

FLICKERFREE PATENTED DIMMING TO 0.1%

The dimming level is dependent on the quality of the dimmer. With a good quality dimmer it is possible to reach a dimming range of 0.1 - 100% (see our dimmer list at page 190-191). Even at the lowest levels of dimming, our technology always stays under 2.4% flicker.



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

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

LOW INRUSH CURRENTS

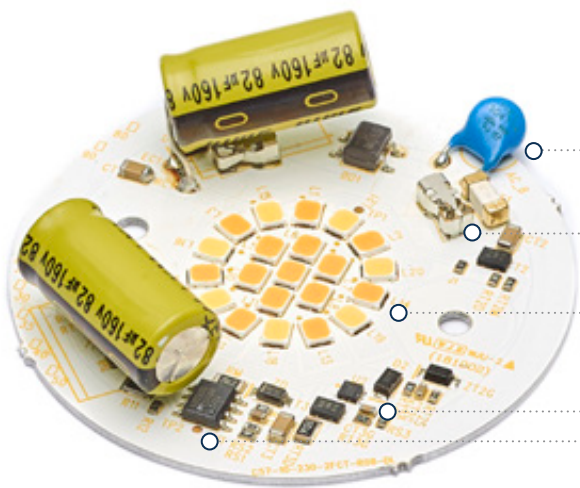
Where most power supplies have a high inrush current (e.g. >5 Amps), the high voltage solution has a maximum of 100 mA (incl. soft start). With this low (nearly negligible) inrush current, the number of luminaires per group, or per dimmer, is no longer determined by the inrush current but rather by the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



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 SHOTS

It's important to consider flicker effects when recording video, where the images are cut with several black lines and it is not possible to properly shoot.



FLICKERFREE RCS PROOF

Our past experience has shown that control signals, sent over the electricity grid (e.g. Load switching or tariff switching), can cause an annoying flickering of the HV downlights. The new patented Flicker free dimmable technology is not affected by this kind of signals. Generally speaking it is not recommended to connect HV downlights to the same power group as large disturbing loads like car chargers, large industrial drives etc.. However our HF-FD downlights are not sensitive to this kind of mains pollution.

WARM DIM VERSION AVAILABLE

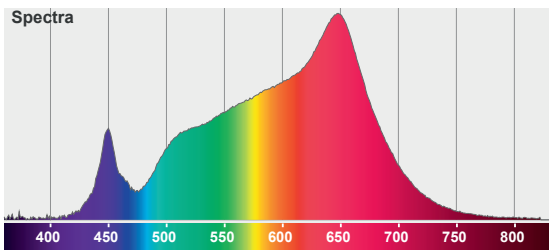
100%	brightness	3000K	
50%	brightness	2900K	
25%	brightness	2700K	
10%	brightness	2200K	

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



LV TECHNOLOGY

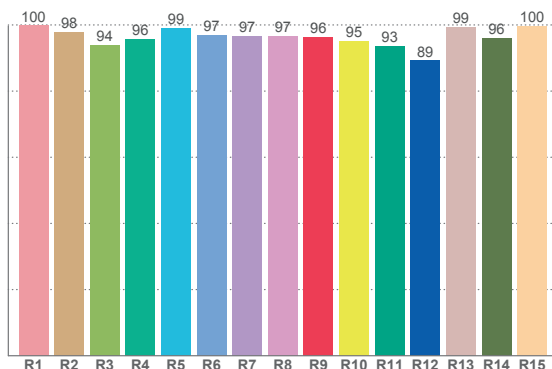
Low Voltage technology (LV)



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.

CRI: 97.0 (R1-R8)



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



LV 1250 LM

○..... COB module

Wide variety of LEDs available, see page 32.

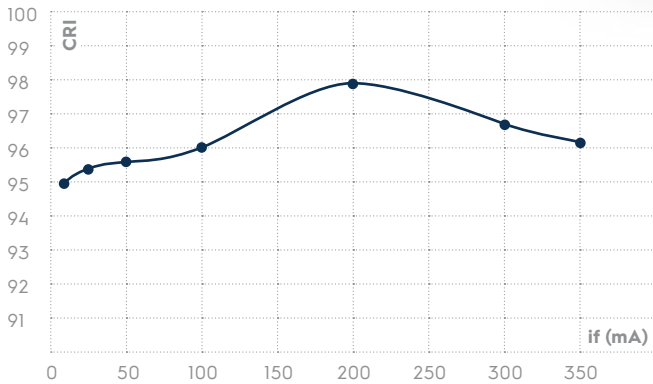
DIM TO WARM 1800-3000K

Create the ideal ambiance 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	



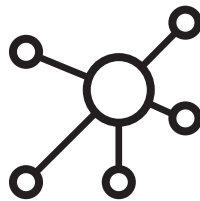
CRI VERSUS CURRENT



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.



CASAMBI



CURION
CRI97



CURION
CRI80





Low Voltage - Tuneable White technology (LV-TW)

HUMAN CENTRIC LIGHTING HIGH-END LIGHTING DESIGN SOLUTION

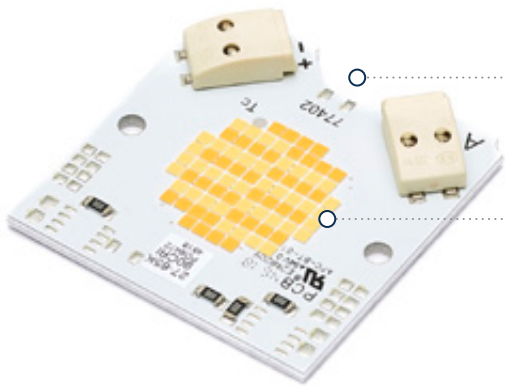
Natural light changes colour throughout the day - from a morning sunrise glow, to a bright midday sun, then to a rich warm sunset. We have the technology to change the colour of the artificial light in our homes.

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



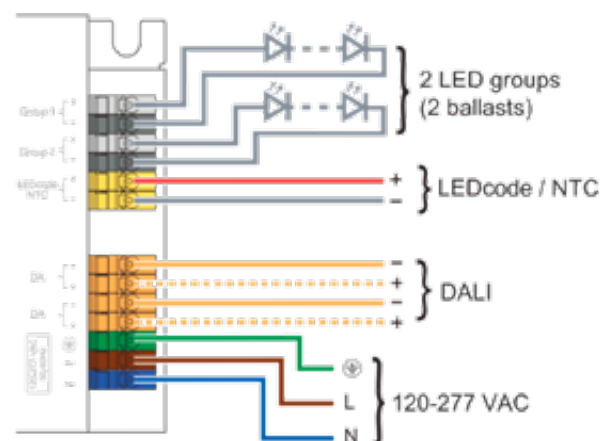
- High light output
(6500K : 1250 Lm / 2700K : 1000 Lm)
- 110 Lm/W (only 11.4W per channel)
- High CRI (6500K : CRI85 / 2700K : CRI94)
- Dimmable with Dali 8 or Casambi
- 350mA
- Mix of Chip Scale Package LEDs

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





LV-RGB technology

BLE-ND

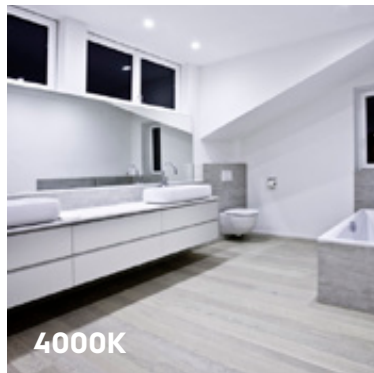
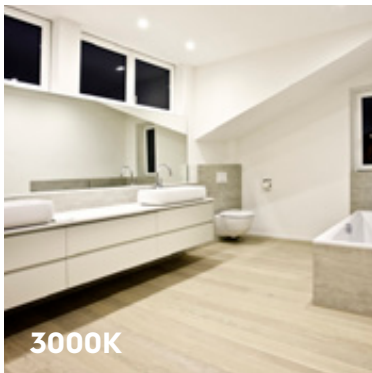
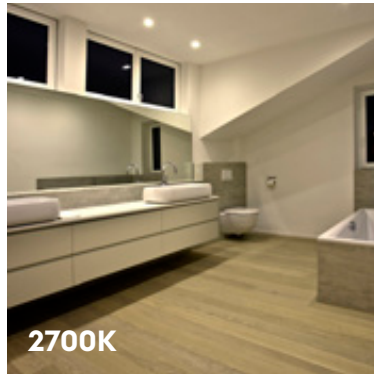
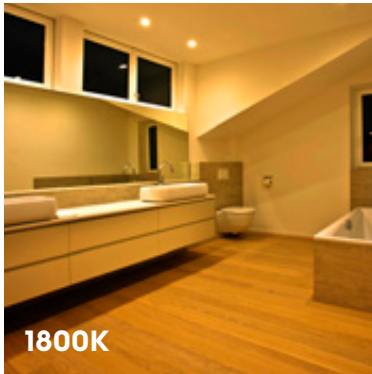
The name BLE-ND means: Bluetooth Low Energy - New Definition. It is a new technology designed by our engineers to enable changing the light colour from warm white to cool white, as well as creating RGB colours. Use our app to make your own groups of luminaires and set them as you want. This innovation has been integrated into some of our luminaires.

CCT TECHNOLOGY

At Illuxtron we consider it important to use two or more types of LED together in a single lighting device because we want the colour of the light to become warmer when dimmed.

Features and benefits

- Very advanced LED luminaires based on Bluetooth Low Energy technology
- Operated by smartphone or tablet app
- Six individual channels for six different LED chips
- Integrated Bluetooth antenna with a range of more than 10 metres (max. 6 per group)
- Only available for iOS
- Calibrated luminaires for optimum light colour and consistency
- Integrated heat-protection system for a minimum lifetime of 70,000 hours



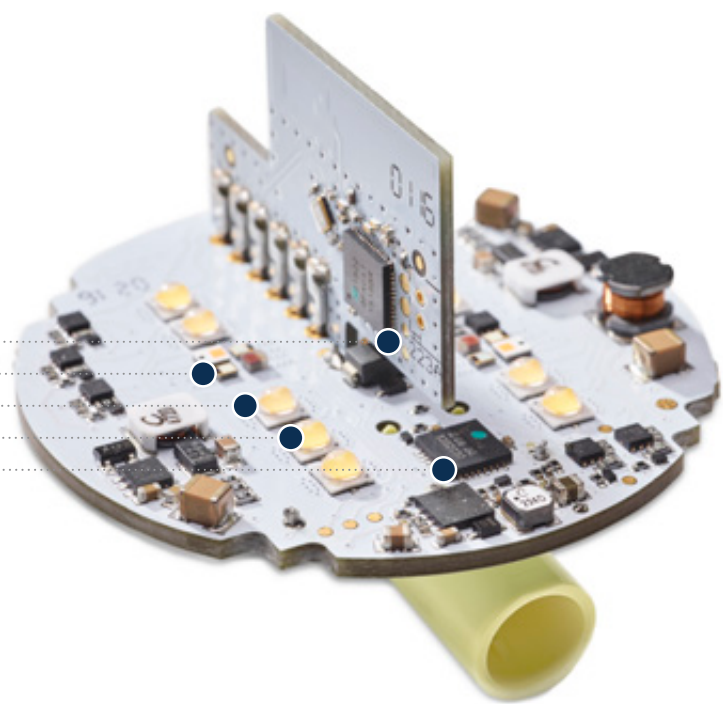
CONTROLLED BY APP

The app is only available for iOS.



6 CHANNEL LED MODULE

- Nordic wireless Bluetooth IC
- High Power colour LEDs to boost CRI up to 97
- 4x High Power 2700K LEDs
- 6x High Power 4000K LEDs
- IC for spectrum mix & dimming



Downlights (large)



Linea DS-FS
100



Linea DS-F
102



Linea DS-A
104



Linea DS-AT
106



Odion HV-IC
146



Odion XS
148



Odion XL
152



Linea AS
154

TE CONNECTIVITY

The patented thermal connection of the COB to the heatsink ensures trouble free operation throughout the life span of the device.

COB LED

These luminaires are equipped with the newest generation of highly efficient 'Chip on Board' (COB) LEDs.

PROTECTIVE GLASS

The protective glass shields the LED and reflector mirror from the environment. It has been shown that corrosion, smoke and/or dust can damage LED fixtures, causing light loss of up to 50% during the lifespan of the product. The protective glass built into our Illuxtron COB luminaires provides extra protection, allowing our luminaires to last longer without light loss.

3-PHASE ADAPTER

The Odion and Linea Track Spots are fitted with an original 3-Phase adapter from Nordic Aluminium. The additional mounting clip on the fixture holds it firmly in place on the rails and makes it also suitable for vertical mounting.

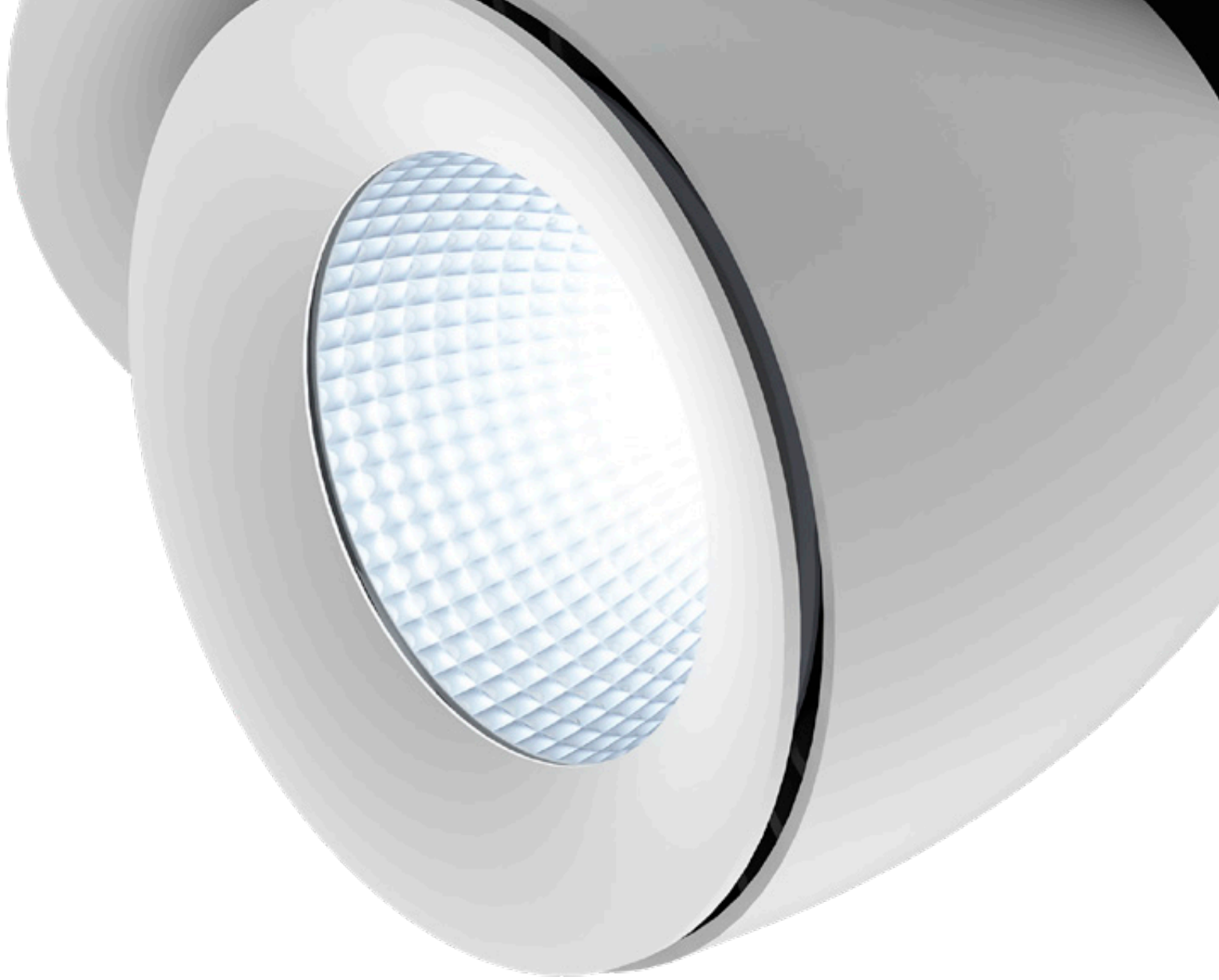
CRI96

A standard CRI96 version that can produce incredibly beautiful effects in colourful shops is available. Clothing colours, in particular, are rendered very beautifully and naturally.

COB technology

Features and benefits

- Attractive price/quality ratio
- Various light colours, beam widths and CRI possibilities
- The patented COB LED connector ensures excellent heat conduction through the heat sink throughout the lifespan of the device
- These luminaires feature the newest version of highly efficient 'Chip on Board' (COB) LEDs
- The front glass protects the LED and reflector mirror against dust and smoke deposits
- Maximum heat-sink temperature remains below 70°C
- ENEC/EMC compliant power supplies
- Active power-factor correction
- Highest-quality (A-brand) electronic components



CUSTOM SOLUTIONS

Alternative LED chips for various applications are available on request. Ask our sales department for more information.

HEAT SINK

The unique thermal design allows for a lumen output of up to 5,700 lm for various versions.

REFLECTOR

We offer several reflectors for various beam widths.

LUXEON Stylist Series

All COB products can be delivered with LEDs from the LUXEON Stylist Series.
Read more on page 32.



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.



Restaurants

LEDs that create the perfect atmosphere by improving restaurant ambiance, enhancing the dining experience, and reinforcing image and brand.



LUXEON Stylist Series

16 DIFFERENT SPECIAL LEDS AVAILABLE

	CCT	CRI	R9	Rf	Rg	TLCI	1400mA
Standard CRI80	3000K	82	5	82	92	69	5000 Lm
Standard CRI80	4000K	82	5	81	93	66	5700 Lm
CRI90	3000K	93	63	89	97	93	4250 Lm
CRI97	2700K	97	93	96	103	99	3800 Lm
CRI97	3000K	97	96	95	103	100	3950 Lm
CrispWhite	3000K	90	61	87	102	83	3550 Lm
CrispColor	2700K	94	96	93	106	93	3550 Lm
CrispColor	3000K	91	93	91	103	96	3750 Lm
CrispColor	3250K	93	95	90	101	97	3950 Lm
CrispColor	3500K	95	96	91	102	96	4000 Lm
CrispColor	4000K	95	96	90	101	96	4700 Lm
CrispColor	5000K	95	96	88	99	95	3800 Lm
AtmoSphere	2200K	92	55	90	99	88	3550 Lm
Bread & Pastries	2700K	92	54	89	96	91	3500 Lm
Produce	3000K	91	93	91	103	96	3300 Lm
Red Meat	1800K	82	81	77	119	60	2350 Lm
Marbled Meat	3000K	63	32	78	115	72	2150 Lm
Fish	6500K	96	96	89	98	96	3750 Lm

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.



CRISPCOLOR TECHNOLOGY™

In the world of retail, appearance is everything. Whether it's an exclusive boutique or a global chain, the importance of lighting and its impact on shoppers cannot be overstated. That's why LUXEON Stylist Series LEDs for fashion retail produce brighter whites and vivid, saturated colours that help ensure merchandise is seen in the best possible light. By utilizing CrispColor Technology,™ which is designed to be used in place of halogen and incandescent lighting, and CrispWhite Technology, which replaces traditional Ceramic Metal Halide, the LUXEON Stylist Series delivers groundbreaking illumination that stops shoppers in their tracks.

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.

ATMOSPHERE TECHNOLOGY™

LEDs engineered to create the perfect dining atmosphere. Whether it's an elegant white tablecloth establishment or a cozy neighborhood cafe, more and more restaurants are setting out to create an environment that sets them apart from their competition. As part of this quest for market differentiation, forward-thinking restaurateurs are realizing the critical role that lighting can play in creating the perfect ambiance for diners.

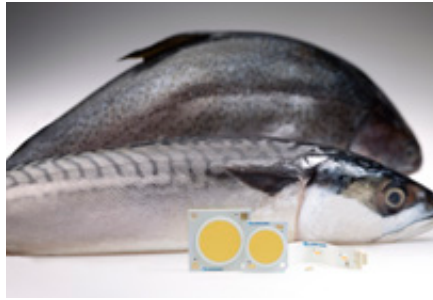
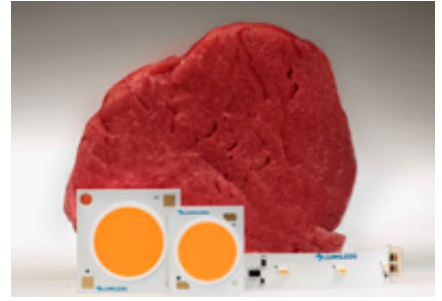
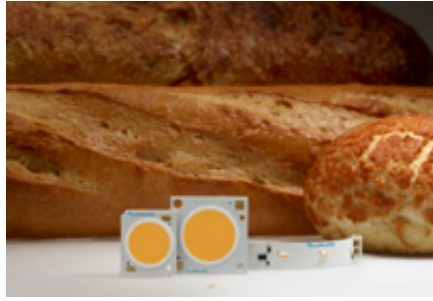
Combining unsurpassed aesthetics with superior efficiency

In addition to helping create an appealing dining environment, AtmoSphere Technology™ requires less power—allowing restaurants of all sizes to rein in expenses and comply with strict energy standards. Lasting significantly longer than traditional incandescent and fluorescent lighting, these innovative LEDs can help lower maintenance costs by requiring fewer replacements—particularly helpful if bulbs are difficult to reach. To further aid the bottom line, LUXEON Stylist Series with AtmoSphere Technology™ also features reduced heat load that can help cut cooling costs—especially appealing for establishments in warmer climates.

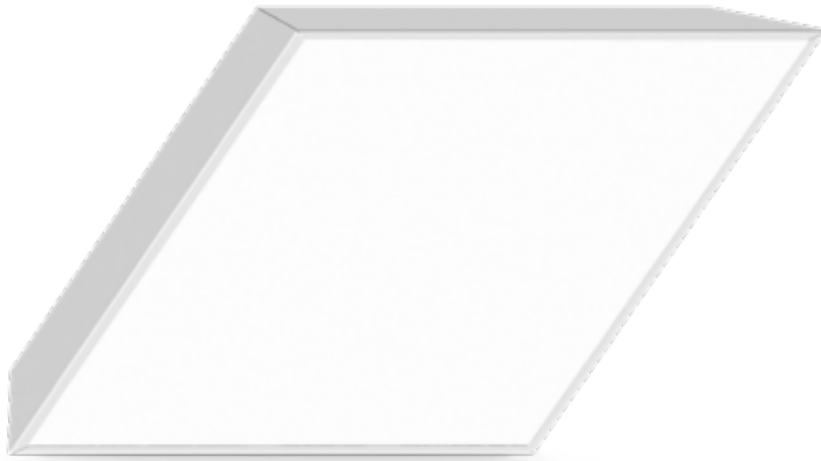
FRESHFOCUS TECHNOLOGY™

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; display the most natural and attractive fish; and emphasize the “just picked” appearance for produce (fruits and vegetables). 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.



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.

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 Eidoled / 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 that.

INNER DIFFUSER

The first diffuser located inside the LED panel makes sure that the light is smoothly and evenly projected. Even when set at low light output or dimmed, the light will spread evenly.

LED POSITIONING

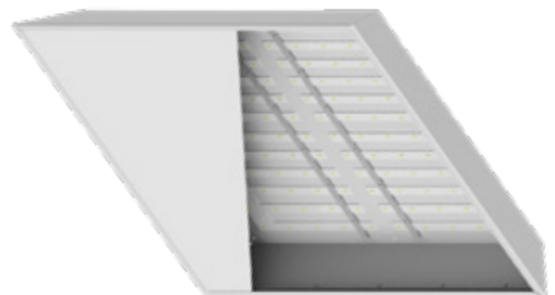
Illuxtron LED panels are designed as a 'back lighting' solution: multiple LED boards are symmetrically positioned across the panel's entire surface. This creates optimum heat dissipation, with its ensuing positive effect on efficacy. Our efficacy rate of more than 160 Lm/W makes us the market leader. Even more importantly, it increases the lifespan and reliability of the panels.

LED PANELS

HCL LED panels



1195 x 295 mm



595 x 595 mm

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

OUTER DIFFUSER

The second diffuser is meant to reduce glare. This is ideal for office spaces. The diffuser's pyramid model is specially designed to ensure the panel's UGR rating is as low as possible.

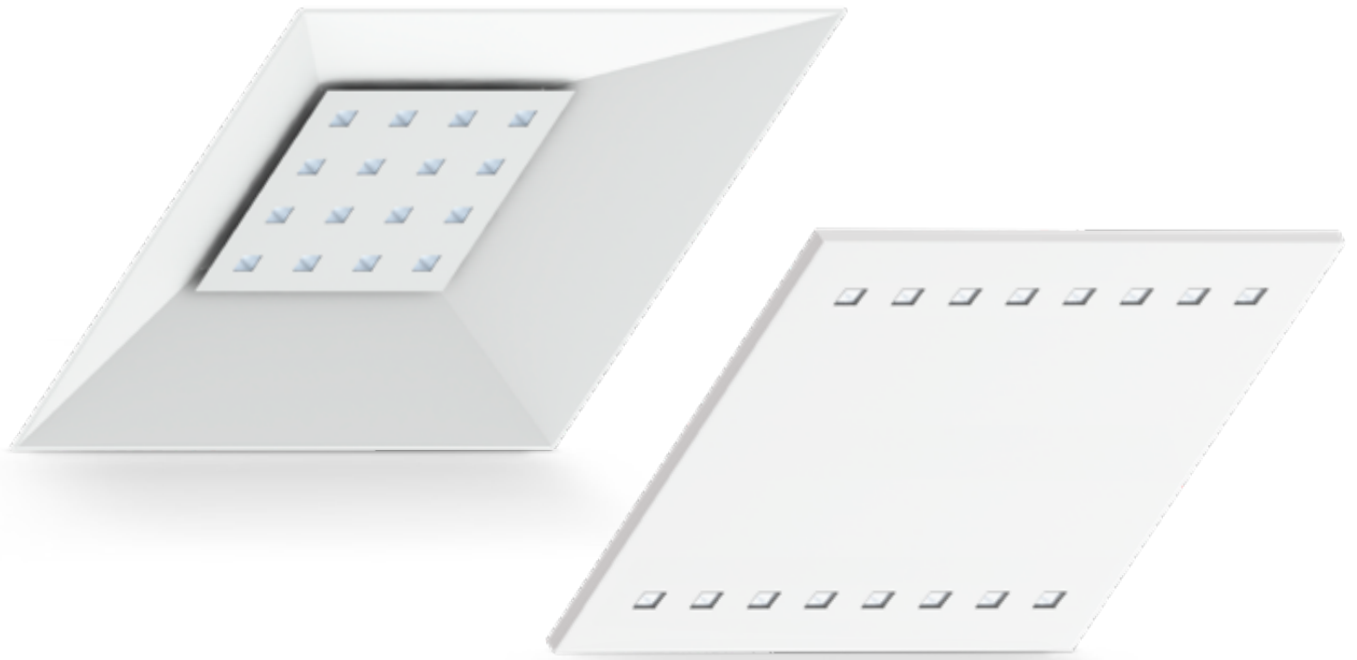


HIGH QUALITY FIXTURE

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.



Aviora

Modern design with revolutionary optics

AVIORA

BARTENBACH REFLECTOR TECHNOLOGY

What makes the Aviora unique is the applied reflector technology developed by Illuxtron International in collaboration with Austrian company Bartenbach, renowned for developing innovative lighting concepts. Bartenbach is the specialist in the field of reflector technology, and Illuxtron's partnership with Bartenbach enables it to apply the latest techniques in the field of optical systems in the Aviora.

Features and benefits

- Application of Bartenbach's special Dark Light Technology with ultra-low UGR rating. At the most common Lumen output of 3,400 the UGR rating is <math><16</math>.
- Ideal for office applications
- Various beam angles available
- Extremem low wattage for necessary lux level



LOW UGR AND LITTLE SCATTERED LIGHT

Due to the application of Bartenbach's special Dark Light Technology, the Aviora has an extremely low UGR rating. In fact, at the most common Lumen output of 3,400 the Aviora's UGR rating is <16, which is quite low considering the maximum rating for office environments is usually <19. It is very difficult to look directly into the light, making this fixture ideal for office applications. Low UGR ratings have been shown to bring down error rates.

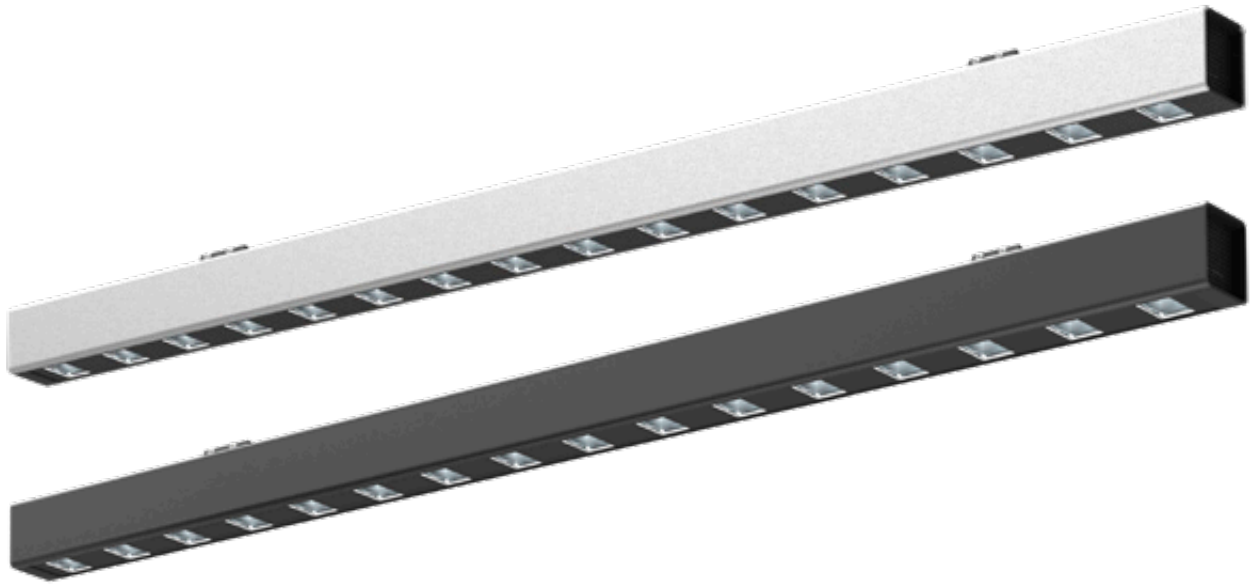
EXTREMELY ECONOMICAL

The luminaire's efficiency is very high. The special structure of the reflector's microfacets creates a beam angle of 95° (FWTM), so there is little scattered light. This fixture, therefore, directs its light where you want it, down on the workspot, and not high up the walls. This makes it possible to attain the norm of 500 lux on the workspot in a room measuring 5 x 5 m with only 4 x 20W.

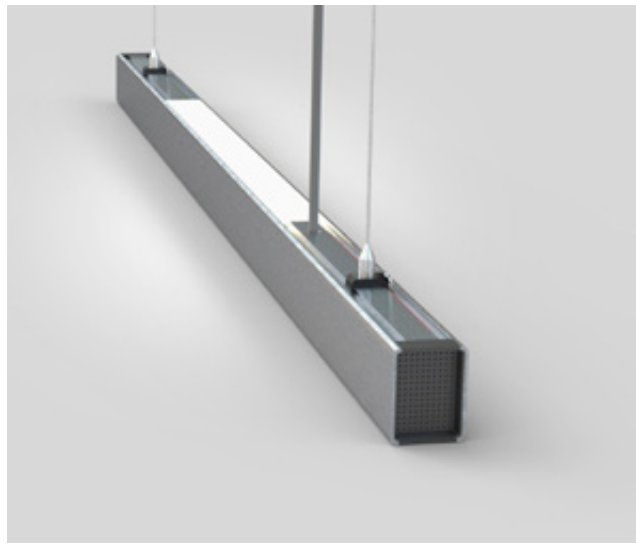


AVIORA LINE



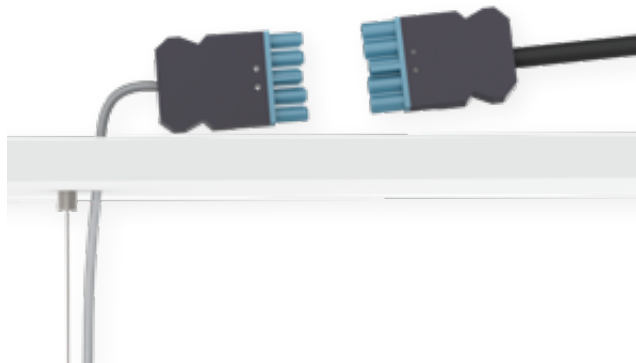


Aviora Line



Features and benefits

- Contemporary design
- Revolutionary optical system from Bartenbach
- Small size of only 1062x39x50mm
- Integrated high quality power supply
- Plug & Play connection through GST18 Plug
- Option for indirect light (D/I)



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.

Power supply units

**Features and benefits**

- Surge protection up to 4 kV
- Various dimming options (1-10 V, push, DALI, Triac)
- Multiple currents through Dip-Switch settings
- Low operating temperature
- Maximum heat-sink temperature remains below 70°C
- Manufactured in Europe
- ENEC/EMC compliant
- Strain relief in accordance with European safety standards
- Active power-factor correction
- Highest-quality (A-brand) electronic components



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:

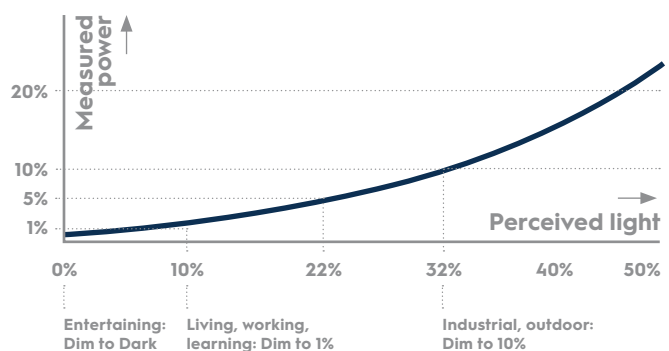
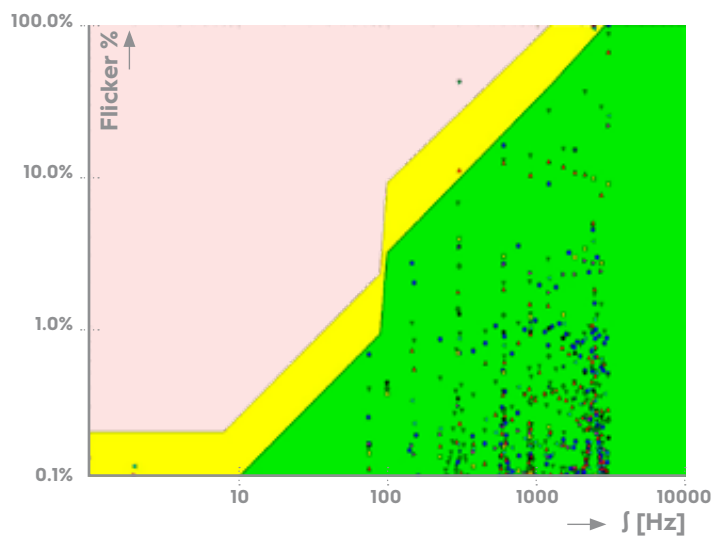
"LED drivers shall conform to IEEE-P1789 standards. Systems that do not meet IEEE-P1789 will not be considered."

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.





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 our complex software, ensuring that the sensor functions correctly.

QUAD PIR SENSOR

Both the sensor and lens come from Murata Electronics, a global leader in the design, manufacture and supply 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.

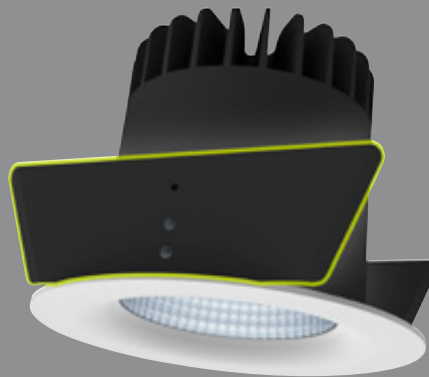
Features and benefits

- Luminaires with integrated (PIR) motion sensors
- Reliable under all conditions
- CRI >93 at 2700K (for reliable colour rendering)

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

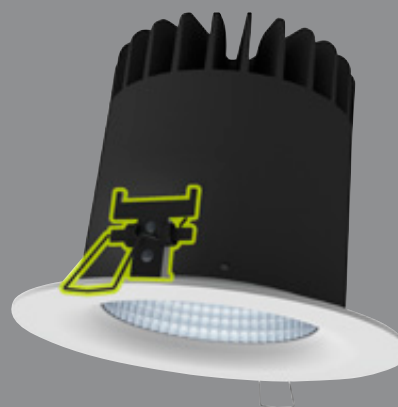
CS springs (except Pointerseries) can be used in almost any type of ceiling. Support plates should definitely be used when mounting big downlights in soft mineral ceilings. The spring's slightly bent edge prevents the ceiling material from getting damaged. We recommend making the hole in the ceiling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



Installation: Springs

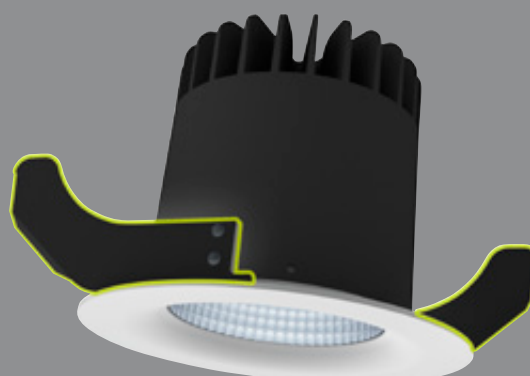
WS SPRINGS

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

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.



DOWNLIGHTS (MINI)

FLUXE 35



← →
ø 42 mm

COLOURS



Matt white
RAL 9016 (XX=MW)



Matt grey
RAL 9006 (XX=GR)



Matt black
RAL 9005 (XX=BL)

SPRINGS

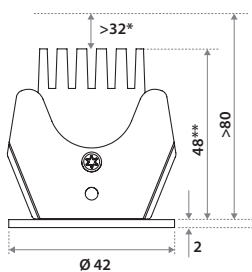


Standard with CS springs (concrete/gyproc).
Also available as above with
WS springs (gyproc/metal).

FIXED

Fluxe 35

DIMENSIONS



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

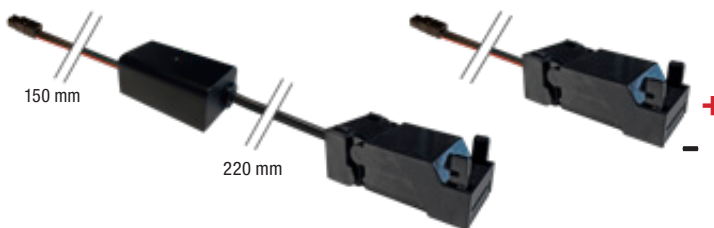
** For WS springs this dimension is 60 mm

Incl. PSU No dim (100-240V)

PSU 63x30x22 mm
Connection box 80x28x26 mm

Incl. conn.box (24Vdc / 350mA)*

For installation to a central power supply.
Connection box 80x28x26 mm
Cable 150 mm



SPECIFICATIONS

Colour(s)	Matt white RAL 9016 (XX=MW) Matt grey RAL 9006 (XX=GR) Matt black RAL 9005 (XX=BL)
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
Energy class	A

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012

*See page 184-185 for more information about power supplies.



35 mm



36 mm

35 mm: Using CS springs.
36 mm: Using WS springs.

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.



ITEM SPECIFICATIONS

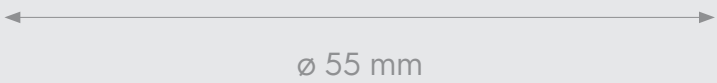
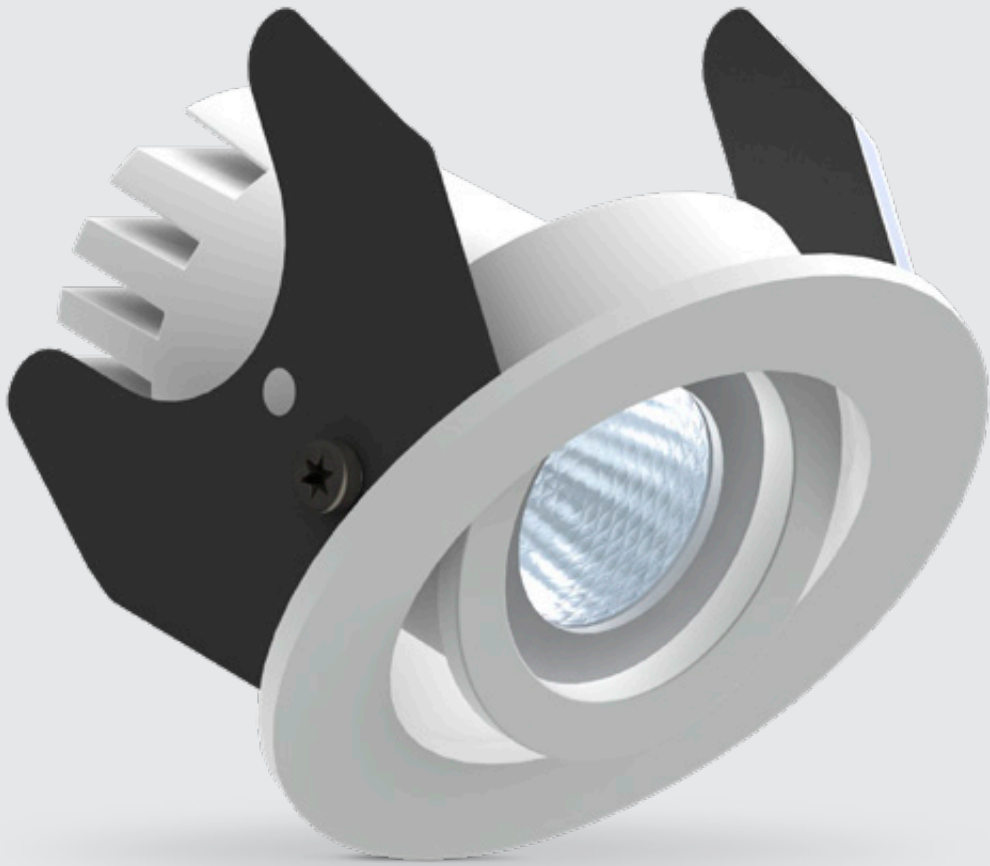
Description	Item code	Extra	Input	Vf	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Fluxe 35 LV 375 Lm 2700K No dim	921903XX0113	Incl. PSU	100-240V	x	5.7	66	82	14.4	0.6	II
Fluxe 35 LV 400 Lm 3000K No dim	921903XX7213	Incl. PSU	100-240V	x	5.7	70	82	14.4	0.6	II
Fluxe 35 LV 425 Lm 4000K No dim	921903XX0213	Incl. PSU	100-240V	x	5.7	75	82	14.4	0.6	II
Fluxe 35 LV 24Vdc 375 Lm 2700K No dim	921903XX0111	Incl. conn.box	24Vdc	x	4.5	83	82	14.4	x	III
Fluxe 35 LV 24Vdc 400 Lm 3000K No dim	921903XX7211	Incl. conn.box	24Vdc	x	4.5	89	82	14.4	x	III
Fluxe 35 LV 24Vdc 425 Lm 4000K No dim	921903XX0211	Incl. conn.box	24Vdc	x	4.5	94	82	14.4	x	III
Fluxe 35 LV 350mA 375 Lm 2700K Dim	925303XX0111	Incl. conn.box	350mA	11.9	4.5	83	82	14.4	x	III
Fluxe 35 LV 350mA 400 Lm 3000K Dim	925303XX7211	Incl. conn.box	350mA	11.9	4.5	89	82	14.4	x	III
Fluxe 35 LV 350mA 425 Lm 4000K Dim	925303XX0211	Incl. conn.box	350mA	11.9	4.5	94	82	14.4	x	III

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



DOWNLIGHTS (MINI)

FLUXE 50



COLOURS



Matt white
RAL 9016 (XX=MW)



Matt grey
RAL 9006 (XX=GR)



Matt black
RAL 9005 (XX=BL)

SPRINGS

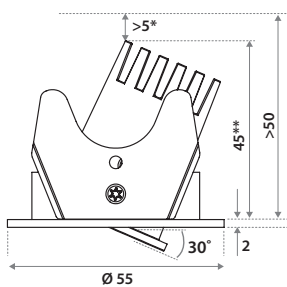


Standard with CS springs (concrete/gyproc).
Also available as above with
WS springs (gyproc/metal).

ADJUSTABLE

Fluxe 50

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 Triac dim (220-240V)

PSU Triac dim 102x38x21 mm



Incl. conn.box (24Vdc / 350mA)*

For installation to a central power supply.

Connection box 80x28x26 mm

Cable 150 mm



SPECIFICATIONS

Colour(s)	Matt white RAL 9016 (XX=MW) Matt grey RAL 9006 (XX=GR) Matt black RAL 9005 (XX=BL)
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
Energy class	A

This luminaire contains built-in LED lamps.
There are no exchangeable parts inside the luminaire
EU 874/2012
*See page 184-185 for more information about power supplies.



50 mm

IP20



ITEM SPECIFICATIONS

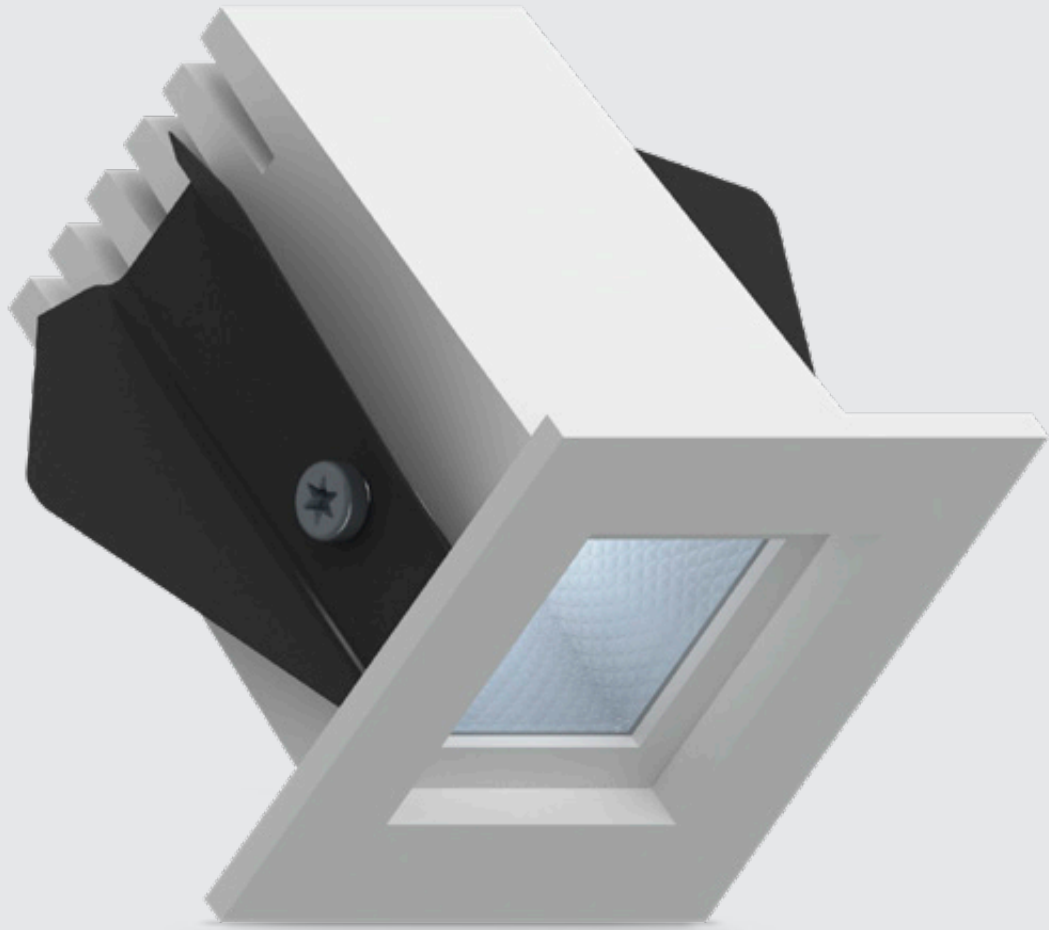
Description	Item code	Extra	Input	Vf	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Fluxe 50 adj LV 375 Lm 2700K Triac dim	865303XX4813	Incl. PSU	220-240V	x	5.7	66	82	14.4	0.96	II
Fluxe 50 adj LV 400 Lm 3000K Triac dim	865303XX4913	Incl. PSU	220-240V	x	5.7	70	82	14.4	0.96	II
Fluxe 50 adj LV 425 Lm 4000K Triac dim	865303XX5013	Incl. PSU	220-240V	x	5.7	75	82	14.4	0.96	II
Fluxe 50 adj LV 24Vdc 375 Lm 2700K No dim	861903XX0111	Incl. conn.box	24Vdc	x	4.5	83	82	14.4	x	III
Fluxe 50 adj LV 24Vdc 400 Lm 3000K No dim	861903XX7211	Incl. conn.box	24Vdc	x	4.5	89	82	14.4	x	III
Fluxe 50 adj LV 24Vdc 425 Lm 4000K No dim	861903XX0211	Incl. conn.box	24Vdc	x	4.5	94	82	14.4	x	III
Fluxe 50 adj LV 350mA 375 Lm 2700K Dim	865303XX0111	Incl. conn.box	350mA	11.9	4.5	83	82	14.4	x	III
Fluxe 50 adj LV 350mA 400 Lm 3000K Dim	865303XX7211	Incl. conn.box	350mA	11.9	4.5	89	82	14.4	x	III
Fluxe 50 adj LV 350mA 425 Lm 4000K Dim	865303XX0211	Incl. conn.box	350mA	11.9	4.5	94	82	14.4	x	III

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



DOWNLIGHTS (MINI)

FABIO 35



42x42 mm

COLOURS



Matt white
RAL 9016 (XX=MW)

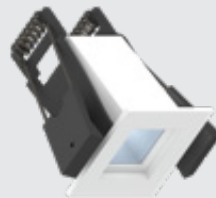


Matt grey
RAL 9006 (XX=GR)



Matt black
RAL 9005 (XX=BL)

SPRINGS

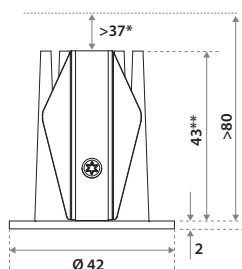


Standard with CS springs (concrete/gyproc).
Also available as above with
WS springs (gyproc/metal).

FIXED

Fabio 35

DIMENSIONS



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

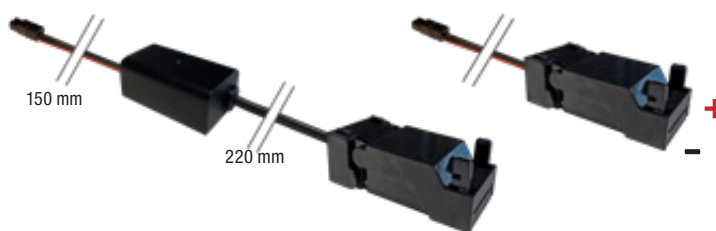
** For WS springs this dimension is 60 mm

Incl. PSU No dim (100-240V)

PSU 63x30x22 mm
Connection box 80x28x26 mm

Incl. conn.box (24Vdc / 350mA)*

For installation to a central power supply.
Connection box 80x28x26 mm
Cable 150 mm



SPECIFICATIONS

Colour(s)	Matt white RAL 9016 (XX=MW) Matt grey RAL 9006 (XX=GR) Matt black RAL 9005 (XX=BL)
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
Energy class	A

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012

*See page 184-185 for more information about power supplies.



35x35 mm



36x36 mm

35x35 mm: Using CS springs.

36x36 mm: Using WS springs.

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.



ITEM SPECIFICATIONS

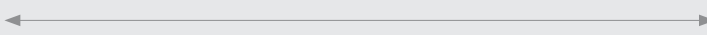
Description	Item code	Extra	Input	Vf	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Fabio 35 LV 375 Lm 2700K No dim	961903XX0113	Incl. PSU	100-240V	x	5.7	66	82	14.4	0.6	II
Fabio 35 LV 400 Lm 3000K No dim	961903XX7213	Incl. PSU	100-240V	x	5.7	70	82	14.4	0.6	II
Fabio 35 LV 425 Lm 4000K No dim	961903XX0213	Incl. PSU	100-240V	x	5.7	75	82	14.4	0.6	II
Fabio 35 LV 24Vdc 375 Lm 2700K No dim	961903XX0111	Incl. conn.box	24Vdc	x	4.5	83	82	14.4	x	III
Fabio 35 LV 24Vdc 400 Lm 3000K No dim	961903XX7211	Incl. conn.box	24Vdc	x	4.5	89	82	14.4	x	III
Fabio 35 LV 24Vdc 425 Lm 4000K No dim	961903XX0211	Incl. conn.box	24Vdc	x	4.5	94	82	14.4	x	III
Fabio 35 LV 350mA 375 Lm 2700K Dim	965303XX0111	Incl. conn.box	350mA	11.9	4.5	83	82	14.4	x	III
Fabio 35 LV 350mA 400 Lm 3000K Dim	965303XX7211	Incl. conn.box	350mA	11.9	4.5	89	82	14.4	x	III
Fabio 35 LV 350mA 425 Lm 4000K Dim	965303XX0211	Incl. conn.box	350mA	11.9	4.5	94	82	14.4	x	III

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



DOWNLIGHTS (MINI)

LINEA 68



ø 83 mm

COLOURS



Matt white
RAL 9016 (XX=MW)

Matt black
RAL 9005 (XX=BL)

SPRINGS

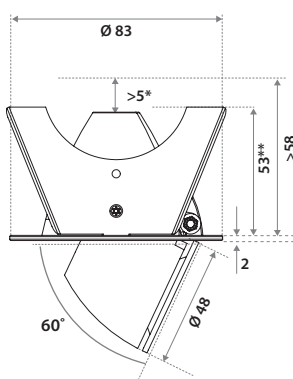


Standard with CS springs (concrete/gyproc).
Also available as above with
WS springs (gyproc/metal).

ADJUSTABLE

Linea 68

DIMENSIONS



** For wire springs this dimension is 60 mm

Incl. PSU Triac dim (220-240V)

PSU Triac dim 102x38x21 mm



Incl. conn.box (24Vdc / 350mA)*

For installation to a central power supply.

Connection box 80x28x26 mm

Cable 150 mm



SPECIFICATIONS

Colour(s)	Matt white RAL 9016 (XX=MW) Matt black RAL 9005 (XX=BL)
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
Energy class	A

This luminaire contains built-in LED lamps.
There are no exchangeable parts inside the luminaire
EU 874/2012
*See page 184-185 for more information about power supplies.



68-75 mm

IP20



ITEM SPECIFICATIONS

Description	Item code	Extra	Input	Vf	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Linea 68 adj LV 375 Lm 2700K Triac dim	375303XX4813	Incl. PSU	220-240V	x	5.7	66	82	14.4	0.96	II
Linea 68 adj LV 400 Lm 3000K Triac dim	375303XX4913	Incl. PSU	220-240V	x	5.7	70	82	14.4	0.96	II
Linea 68 adj LV 425 Lm 4000K Triac dim	375303XX5013	Incl. PSU	220-240V	x	5.7	75	82	14.4	0.96	II
Linea 68 adj LV 24Vdc 375 Lm 2700K No dim	371903XX6511	Incl. conn.box	24Vdc	x	4.5	83	82	14.4	x	III
Linea 68 adj LV 24Vdc 400 Lm 3000K No dim	371903XX6611	Incl. conn.box	24Vdc	x	4.5	89	82	14.4	x	III
Linea 68 adj LV 24Vdc 425 Lm 4000K No dim	371903XX6711	Incl. conn.box	24Vdc	x	4.5	94	82	14.4	x	III
Linea 68 adj LV 350mA 375 Lm 2700K Dim	375303XX4811	Incl. conn.box	350mA	11.9	4.5	83	82	14.4	x	III
Linea 68 adj LV 350mA 400 Lm 3000K Dim	375303XX4911	Incl. conn.box	350mA	11.9	4.5	89	82	14.4	x	III
Linea 68 adj LV 350mA 425 Lm 4000K Dim	375303XX5011	Incl. conn.box	350mA	11.9	4.5	94	82	14.4	x	III

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



DOWNLIGHTS (MINI)

LINEA 68



ADJUSTABLE



Downlights
-
Linea 68

DOWNLIGHTS (MINI)

POINTER 40



↔
ø 47 mm

COLOURS



Matt white
RAL 9016 (XX=MW)



Matt black
RAL 9005 (XX=BL)

SPRINGS

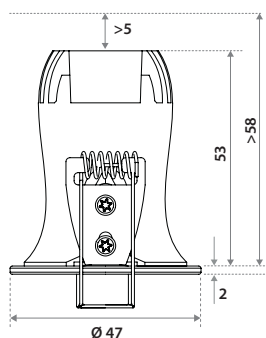


Standard with WS springs (gyproc/metal).
Also available as above with CS springs (concrete)

FIXED

Pointer 40

DIMENSIONS



Incl. PSU No dim (100-240V)

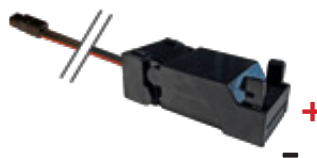
PSU No dim 68x35x22 mm
Cable 150 mm



Incl. conn.box (500MA)*

For installation to a central power supply.

Connection box 80x28x26 mm
Cable 150 mm



SPECIFICATIONS

Colour(s)	Matt white RAL 9016 (XX=MW) Matt black RAL 9005 (XX=BL)
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
Energy class	A

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012

*See page 184-185 for more information about power supplies.



40 mm: Using CS springs.

42 mm: Using WS springs.

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.



TCU bhc CREE PHOENIX CONTACT

ITEM SPECIFICATIONS

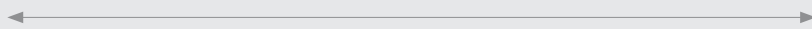
Description	Item code	Extra	Input	Vf	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Pointer 40 LV 35° 350 Lm 2700K No dim	062703XXWA13	Incl. PSU	100-240V	x	6.6	53	85	7.4	0.6	II
Pointer 40 LV 35° 375 Lm 3000K No dim	062703XXWB13	Incl. PSU	100-240V	x	6.6	57	85	7.6	0.6	II
Pointer 40 LV 35° 400 Lm 4000K No dim	062703XXWC13	Incl. PSU	100-240V	x	6.6	61	85	7.9	0.6	II
Pointer 40 LV 60° 400 Lm 2700K No dim	062703XXWD13	Incl. PSU	100-240V	x	6.6	61	85	17.8	0.6	II
Pointer 40 LV 60° 425 Lm 3000K No dim	062703XXWE13	Incl. PSU	100-240V	x	6.6	64	85	18.0	0.6	II
Pointer 40 LV 60° 450 Lm 4000K No dim	062703XXWF13	Incl. PSU	100-240V	x	6.6	68	85	18.2	0.6	II
Pointer 40 LV 500mA 35° 350 Lm 2700K	062703XXWN11	Incl. Conn.Box	500mA	11.4	5.7	61	85	7.4	x	III
Pointer 40 LV 500mA 35° 375 Lm 3000K	062703XXWP11	Incl. Conn.Box	500mA	11.4	5.7	66	85	7.6	x	III
Pointer 40 LV 500mA 35° 400 Lm 4000K	062703XXWQ11	Incl. Conn.Box	500mA	11.4	5.7	70	85	7.9	x	III
Pointer 40 LV 500mA 60° 400 Lm 2700K	062703XXWR11	Incl. Conn.Box	500mA	11.4	5.7	70	85	17.8	x	III
Pointer 40 LV 500mA 60° 425 Lm 3000K	062703XXWS11	Incl. Conn.Box	500mA	11.4	5.7	75	85	18.0	x	III
Pointer 40 LV 500mA 60° 450 Lm 4000K	062703XXWT11	Incl. Conn.Box	500mA	11.4	5.7	79	85	18.2	x	III

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



DOWNLIGHTS (MINI)

POINTER 68



ø 90 mm

COLOURS



Matt white
RAL 9016 (XX=MW)



Matt black
RAL 9005 (XX=BL)

SPRINGS

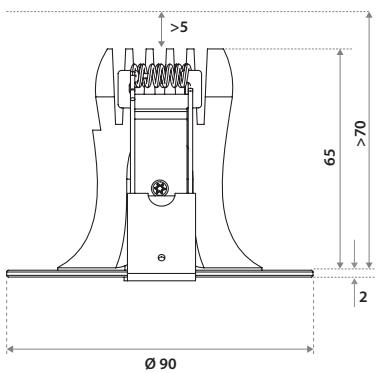


Standard with WS springs (gyproc/metal).
Also available as above with CS springs (concrete)

FIXED

Pointer 68 (fixed)

DIMENSIONS



Incl. PSU Triac dim (220-240V)

PSU Triac dim 102x38x21 mm



Incl. conn.box (700mA)*

For installation to a central power supply.

Connection box 80x28x26 mm

Cable 150 mm



SPECIFICATIONS

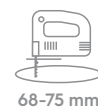
Colour(s)	Matt white RAL 9016 (XX=MW) Matt black RAL 9005 (XX=BL)
Beam angle (FWHM)	35° (45° FWTM) / 60° (80° FWTM)
Fixture material	Housing: Die cast aluminium
Environment	Indoor
IP rate	IP20 / IP44
IK rate	IK10
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Energy class	A

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012

*See page 184-185 for more information about power supplies.



68-75 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.



TCI bhc CREE PHOENIX CONTACT

ITEM SPECIFICATIONS

Description	Item code	Extra	Input	Vf	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Pointer 68 fix LV 35° 500 Lm 2700K Triac dim	072803XXWU13	Incl. PSU	220-240V	x	9.2	54	85	7.2	0.96	II
Pointer 68 fix LV 35° 525 Lm 3000K Triac dim	072803XXWV13	Incl. PSU	220-240V	x	9.2	57	85	7.3	0.96	II
Pointer 68 fix LV 35° 550 Lm 4000K Triac dim	072803XXWW13	Incl. PSU	220-240V	x	9.2	60	85	7.5	0.96	II
Pointer 68 fix LV 60° 550 Lm 2700K Triac dim	072803XXWX13	Incl. PSU	220-240V	x	9.2	60	85	17.5	0.96	II
Pointer 68 fix LV 60° 600 Lm 3000K Triac dim	072803XXWY13	Incl. PSU	220-240V	x	9.2	65	85	17.8	0.96	II
Pointer 68 fix LV 60° 650 Lm 4000K Triac dim	072803XXWZ13	Incl. PSU	220-240V	x	9.2	71	85	18.0	0.96	II
Pointer 68 fix LV 700mA 35° 500 Lm 2700K Dim	072803XXWU11	Incl. conn.box	700mA	11.5	8.0	63	85	7.2	x	III
Pointer 68 fix LV 700mA 35° 525 Lm 3000K Dim	072803XXWV11	Incl. conn.box	700mA	11.5	8.0	66	85	7.3	x	III
Pointer 68 fix LV 700mA 35° 550 Lm 4000K Dim	072803XXWW11	Incl. conn.box	700mA	11.5	8.0	69	85	7.5	x	III
Pointer 68 fix LV 700mA 60° 550 Lm 2700K Dim	072803XXWX11	Incl. conn.box	700mA	11.5	8.0	69	85	17.5	x	III
Pointer 68 fix LV 700mA 60° 600 Lm 3000K Dim	072803XXWY11	Incl. conn.box	700mA	11.5	8.0	75	85	17.8	x	III
Pointer 68 fix LV 700mA 60° 650 Lm 4000K Dim	072803XXWZ11	Incl. conn.box	700mA	11.5	8.0	81	85	18.0	x	III

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

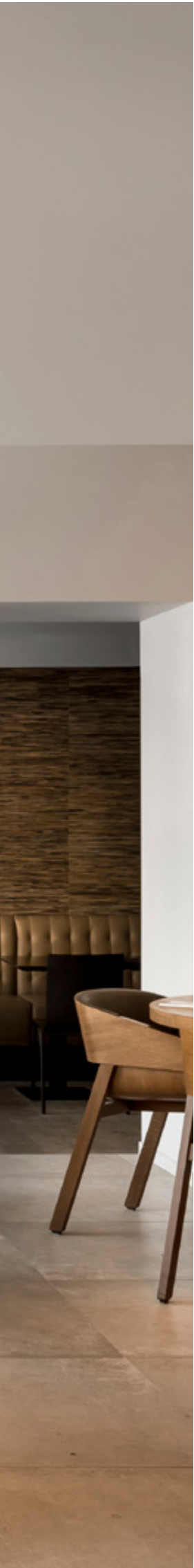


DOWNLIGHTS (MINI)

POINTER 68



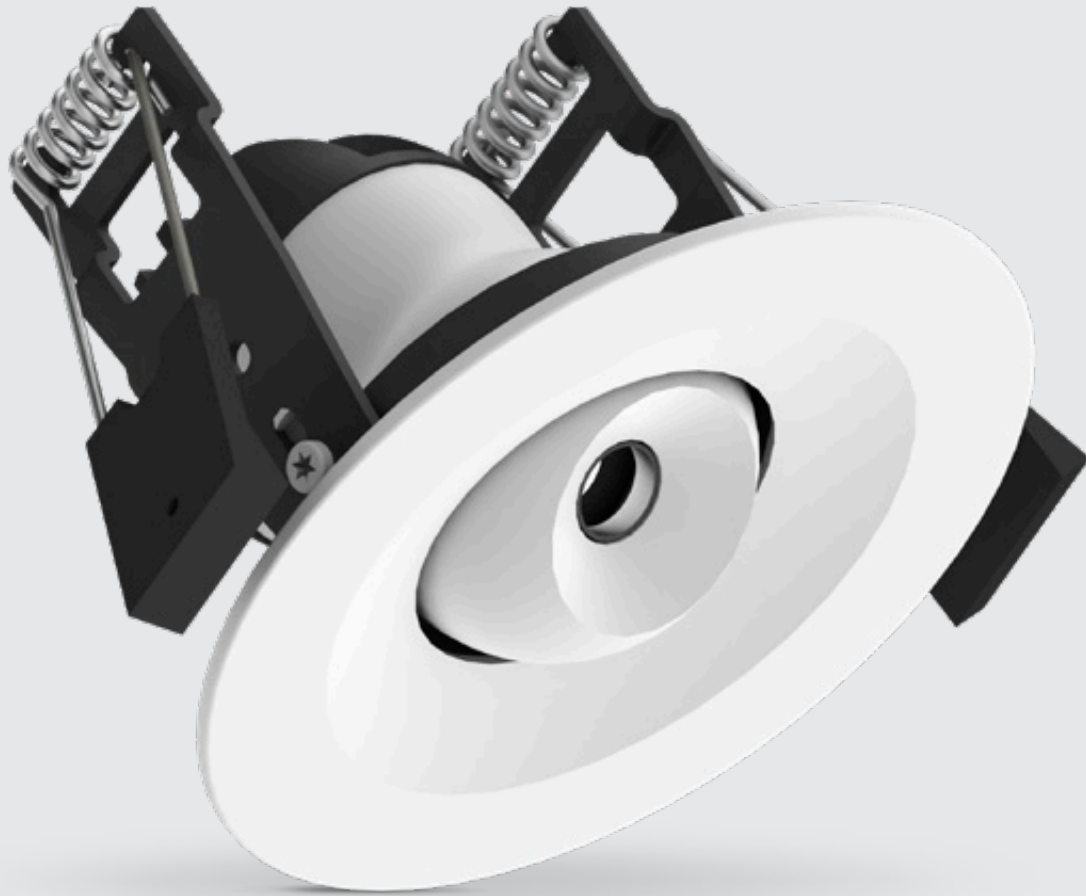
FIXED



Downlights
-
Pointer 68

DOWNLIGHTS (MINI)

POINTER 68



← →
ø 90 mm

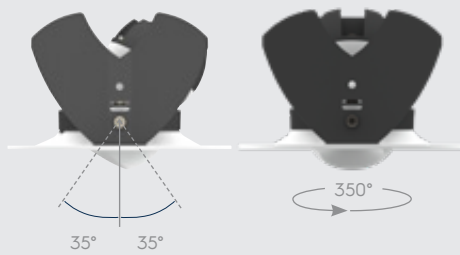
COLOURS



Matt white
RAL 9016 (XX=MW)

Matt black
RAL 9005 (XX=BL)

ADJUSTMENT OPTIONS



SPRINGS

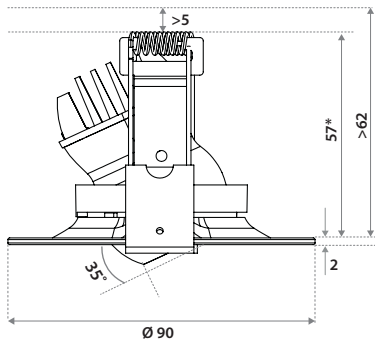


Standard with WS springs
(gyproc/metal). Also
available as above with
CS springs (concrete)

ADJUSTABLE

Pointer 68 (adjustable)

DIMENSIONS



* For WS springs this dimension is 60 mm

Incl. PSU Triac dim (220-240V)

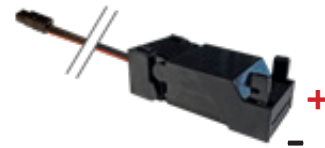
PSU Triac dim 102x38x21 mm
PSU 1-10V & Push 67x50x22 mm



Incl. conn.box (500mA)*

For installation to a central power supply.

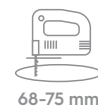
Connection box 80x28x26 mm
Cable 150 mm



SPECIFICATIONS

Colour(s)	Matt white RAL 9016 (XX=MW) Matt black RAL 9005 (XX=BL)
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
Energy class	A

This luminaire contains built-in LED lamps.
There are no exchangeable parts inside the luminaire
EU 874/2012
*See page 184-185 for more information about power supplies.



68-75 mm

IP20



TCLC SHC CREE PHOENIX CONTACT

ITEM SPECIFICATIONS

Description	Item code	Extra	Input	Vf	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Pointer 68 adj LV 35° 350 Lm 2700K Triac dim	082703XXWN13	Incl. PSU	220-240V	x	6.6	53	85	7.2	0.96	II
Pointer 68 adj LV 35° 375 Lm 3000K Triac dim	082703XXWP13	Incl. PSU	220-240V	x	6.6	57	85	7.3	0.96	II
Pointer 68 adj LV 35° 400 Lm 4000K Triac dim	082703XXWQ13	Incl. PSU	220-240V	x	6.6	61	85	7.5	0.96	II
Pointer 68 adj LV 60° 400 Lm 2700K Triac dim	082703XXWR13	Incl. PSU	220-240V	x	6.6	61	85	16.3	0.96	II
Pointer 68 adj LV 60° 425 Lm 3000K Triac dim	082703XXWS13	Incl. PSU	220-240V	x	6.6	64	85	16.6	0.96	II
Pointer 68 adj LV 60° 450 Lm 4000K Triac dim	082703XXWT13	Incl. PSU	220-240V	x	6.6	68	85	16.8	0.96	II
Pointer 68 adj LV 35° 350 Lm 2700K 1-10V & Push	082703XXXG13	Incl. PSU	220-240V	x	6.6	53	85	7.2	0.6	II
Pointer 68 adj LV 35° 375 Lm 3000K 1-10V & Push	082703XXXH13	Incl. PSU	220-240V	x	6.6	57	85	7.3	0.6	II
Pointer 68 adj LV 35° 400 Lm 4000K 1-10V & Push	082703XXXJ13	Incl. PSU	220-240V	x	6.6	61	85	7.5	0.6	II
Pointer 68 adj LV 60° 400 Lm 2700K 1-10V & Push	082703XX XK13	Incl. PSU	220-240V	x	6.6	61	85	16.3	0.6	II
Pointer 68 adj LV 60° 425 Lm 3000K 1-10V & Push	082703XX XL13	Incl. PSU	220-240V	x	6.6	64	85	16.6	0.6	II
Pointer 68 adj LV 60° 450 Lm 4000K 1-10V & Push	082703XX XM13	Incl. PSU	220-240V	x	6.6	68	85	16.8	0.6	II
Pointer 68 adj LV 500mA 35° 350 Lm 2700K Dim	082703XXWN11	Incl. conn.box	500mA	11.4	5.7	61	85	7.2	x	III
Pointer 68 adj LV 500mA 35° 375 Lm 3000K Dim	082703XXWP11	Incl. conn.box	500mA	11.4	5.7	66	85	7.3	x	III
Pointer 68 adj LV 500mA 35° 400 Lm 4000K Dim	082703XXWQ11	Incl. conn.box	500mA	11.4	5.7	70	85	7.5	x	III
Pointer 68 adj LV 500mA 60° 400 Lm 2700K Dim	082703XXWR11	Incl. conn.box	500mA	11.4	5.7	70	85	16.3	x	III
Pointer 68 adj LV 500mA 60° 425 Lm 3000K Dim	082703XXWS11	Incl. conn.box	500mA	11.4	5.7	75	85	16.6	x	III
Pointer 68 adj LV 500mA 60° 450 Lm 4000K Dim	082703XXWT11	Incl. conn.box	500mA	11.4	5.7	79	85	16.8	x	III

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



DOWNLIGHTS (MINI)

OMEGA 35



↔
ø 42 mm

COLOURS



Matt black
RAL 9005



Matt white
RAL 9016



61



63



64



62



71



74

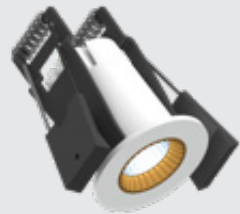


75



72

SPRINGS

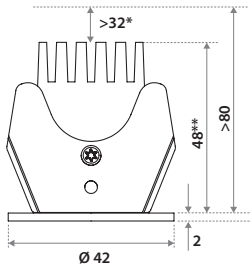


Standard with CS springs
(concrete/gyproc). Also
available as above with
WS springs (gyproc/metal).

FIXED

Omega 35

DIMENSIONS

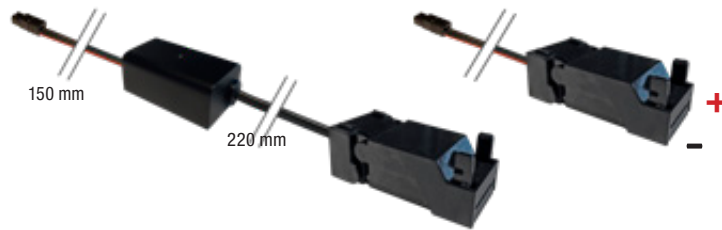


* This distance is necessary because of the height of the connection box (80 mm). For purely heat reasons just 5 mm is sufficient.

** For WS springs this dimension is 60 mm

Incl. PSU No dim (100-240V)

PSU 63x30x22 mm
Connection box 80x28x26 mm



Incl. conn.box (24Vdc / 350mA)*

For installation to a central power supply.
Connection box 80x28x26 mm
Cable 150 mm

SPECIFICATIONS

Colour(s)	Housing / Reflector ring Matt white RAL9016 / Gold (XX=61) Matt white RAL9016 / Silver (XX=63) Matt white RAL9016 / Copper (XX=64) Matt white RAL9016 / Black (XX=62) Matt black RAL9005 / Gold (XX=71) Matt black RAL9005 / Silver (XX=74) Matt black RAL9005 / Copper (XX=75) Matt black RAL9005 / Black (XX=72)
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
Energy class	A

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012

*See page 184-185 for more information about power supplies.



35 mm



36 mm

35 mm: Using CS springs.
36 mm: Using WS springs.

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.



ITEM SPECIFICATIONS

Description	Item code	Extra	Input	Vf	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Omega 35 LV 375 Lm 2700K No dim	VM1903XX0113	Incl. PSU	100-240V	x	5.7	66	82	14,4	0,6	II
Omega 35 LV 400 Lm 3000K No dim	VM1903XX7213	Incl. PSU	100-240V	x	5.7	70	82	14,4	0,6	II
Omega 35 LV 425 Lm 4000K No dim	VM1903XX0213	Incl. PSU	100-240V	x	5.7	75	82	14,4	0,6	II
Omega 35 LV 24Vdc 375 Lm 2700K No dim	VM1903XX0111	Incl. conn.box	24Vdc	x	4,5	83	82	14,4	x	III
Omega 35 LV 24Vdc 400 Lm 3000K No dim	VM1903XX7211	Incl. conn.box	24Vdc	x	4,5	89	82	14,4	x	III
Omega 35 LV 24Vdc 425 Lm 4000K No dim	VM1903XX0211	Incl. conn.box	24Vdc	x	4,5	94	82	14,4	x	III
Omega 35 LV 350mA 375 Lm 2700K Dim	VM5303XX0111	Incl. conn.box	350mA	11,9	4,5	83	82	14,4	x	III
Omega 35 LV 350mA 400 Lm 3000K Dim	VM5303XX7211	Incl. conn.box	350mA	11,9	4,5	89	82	14,4	x	III
Omega 35 LV 350mA 425 Lm 4000K Dim	VM5303XX0211	Incl. conn.box	350mA	11,9	4,5	94	82	14,4	x	III

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



DOWNLIGHTS (MINI)

OMEGA 50



↔
ø 55 mm

COLOURS



Matt black
RAL 9005



Matt white
RAL 9016



61



63



64



62



71



74



75



72

SPRINGS

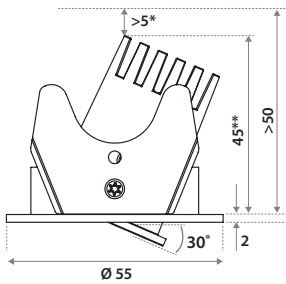


Standard with CS springs
(concrete/gyproc). Also
available as above with
WS springs (gyproc/metal).

ADJUSTABLE

Omega 50

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 Triac dim (220-240V)

PSU Triac dim 102x38x21 mm



Incl. conn.box (24Vdc / 350mA)*

For installation to a central power supply.

Connection box 80x28x26 mm

Cable 150 mm



SPECIFICATIONS

Colour(s)	Housing / Reflector ring Matt white RAL9016 / Gold (XX=61) Matt white RAL9016 / Silver (XX=63) Matt white RAL9016 / Copper (XX=64) Matt white RAL9016 / Black (XX=62) Matt black RAL9005 / Gold (XX=71) Matt black RAL9005 / Silver (XX=74) Matt black RAL9005 / Copper (XX=75) Matt black RAL9005 / Black (XX=72)
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
Energy class	A

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012

*See page 184-185 for more information about power supplies.



50 mm

IP20



ITEM SPECIFICATIONS

Description	Item code	Extra	Input	Vf	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Omega 50 adj LV 375 Lm 2700K Triac dim	VP5303XX4813	Incl. PSU	220-240V	x	5.7	66	82	14.4	0.96	II
Omega 50 adj LV 400 Lm 3000K Triac dim	VP5303XX4913	Incl. PSU	220-240V	x	5.7	70	82	14.4	0.96	II
Omega 50 adj LV 425 Lm 4000K Triac dim	VP5303XX5013	Incl. PSU	220-240V	x	5.7	75	82	14.4	0.96	II
Omega 50 adj LV 24Vdc 375 Lm 2700K No dim	VP1903XX0111	Incl. conn.box	24Vdc	x	4.5	83	82	14.4	x	III
Omega 50 adj LV 24Vdc 400 Lm 3000K No dim	VP1903XX7211	Incl. conn.box	24Vdc	x	4.5	89	82	14.4	x	III
Omega 50 adj LV 24Vdc 425 Lm 4000K No dim	VP1903XX0211	Incl. conn.box	24Vdc	x	4.5	94	82	14.4	x	III
Omega 50 adj LV 350mA 375 Lm 2700K Dim	VP5303XX0111	Incl. conn.box	350mA	11.9	4.5	83	82	14.4	x	III
Omega 50 adj LV 350mA 400 Lm 3000K Dim	VP5303XX7211	Incl. conn.box	350mA	11.9	4.5	89	82	14.4	x	III
Omega 50 adj LV 350mA 425 Lm 4000K Dim	VP5303XX0211	Incl. conn.box	350mA	11.9	4.5	94	82	14.4	x	III

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



DOWNLIGHTS (SMALL)

NEW



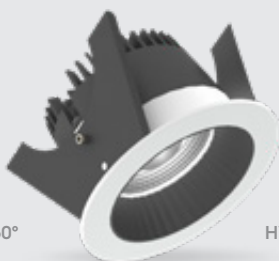
OMEGA 75

← →
ø 90 mm

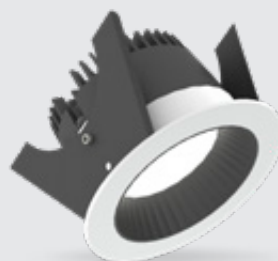
BEAM ANGLE



LV 24°
LV / LV-TW 60°



HV-FD 40°



HV-FD 80°
LV / LV-TW 80°
LV-RGB 80°

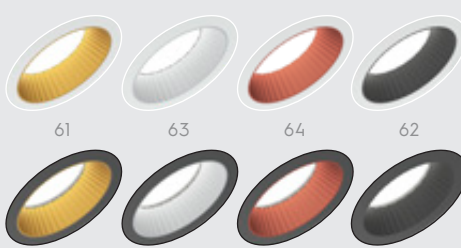
COLOURS



Matt black
RAL 9005



Matt white
RAL 9016



61

63

64

62

71

74

75

72

SPRINGS

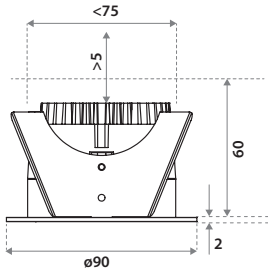


Standard with CS springs
(concrete/gypro). Also
available as above with WS
springs (gyproc/metal).

FIXED

Omega 75

DIMENSIONS



CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt	
			2700K	3000K	2700K	3000K
Special request	200	8.1	700	750	87	93
Special request	250	9.8	850	900	86	92
Special request	300	12.0	1050	1100	85	92
Standard	350	13.8	1150	1250	83	91

SPECIFICATIONS

Colour(s)	Housing / Reflector ring Matt white RAL9016 / Gold (XX=61) Matt white RAL9016 / Silver (XX=63) Matt white RAL9016 / Copper (XX=64) Matt white RAL9016 / Black (XX=62) Matt black RAL9005 / Gold (XX=71) Matt black RAL9005 / Silver (XX=74) Matt black RAL9005 / Copper (XX=75) Matt black RAL9005 / Black (XX=72)
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
Energy class	A

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012



75 mm



77 mm

75 mm: Using CS springs.
77 mm: Using WS springs.



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 Omega 75	40°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
HV-FD 600Lm 2700K Triac dim	VV2A03XX5A02	23.2	VV2A03XX5B02	24.5	10.5	57	93	0.99	I
HV-FD 600Lm 3000K Triac dim	VV2A03XX5C02	23.2	VV2A03XX5D02	24.5	10.3	58	93	0.99	I
HV-FD 600Lm 4000K Triac dim	VV2A03XX5E02	23.2	VV2A03XX5F02	24.5	10.1	59	93	0.99	I
HV-FD 600Lm 2200-3000K Triac dim	VV2A03XX5G02	23.2	VV2A03XX5H02	24.5	10.3	58	93	0.99	I

Description Omega 75	24°		60°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR					
LV 1150Lm 2700K No dim	VV5A03XX4K02	23.1	VV5A03XX4L02	24.0	VV5A03XX4M02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Triac dim	VV5A03XX4A02	23.1	VV5A03XX4D02	24.0	VV5A03XX4G02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Dali	VV5A03XX4B02	23.1	VV5A03XX4E02	24.0	VV5A03XX4H02	24.5	13.8	83	97	0.92	II
LV 1150Lm 2700K Casambi	VV5A03XX4C02	23.1	VV5A03XX4F02	24.0	VV5A03XX4J02	24.5	13.8	83	97	0.95	II
LV 1250Lm 3000K No dim	VV5B03XX4K02	23.1	VV5B03XX4L02	24.0	VV5B03XX4M02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Triac dim	VV5B03XX4A02	23.1	VV5B03XX4D02	24.0	VV5B03XX4G02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Dali	VV5B03XX4B02	23.1	VV5B03XX4E02	24.0	VV5B03XX4H02	24.5	13.8	91	97	0.92	II
LV 1250Lm 3000K Casambi	VV5B03XX4C02	23.1	VV5B03XX4F02	24.0	VV5B03XX4J02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Triac dim	VV5E03XX4A02	23.1	VV5E03XX4D02	24.0	VV5E03XX4G02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Dali	VV5E03XX4B02	23.1	VV5E03XX4E02	24.0	VV5E03XX4H02	24.5	13.8	91	97	0.92	II
LV 1250Lm 1800-3000K Casambi	VV5E03XX4C02	23.1	VV5E03XX4F02	24.0	VV5E03XX4J02	24.5	13.8	91	97	0.95	II
LV-TW 1250Lm 2700-6500K Dali	-	-	VV6A03XX4W02	16.8	VV6A03XX4Y02	21.2	11.4	110	85/94	0.91	I
LV-TW 1250Lm 2700-6500K Casambi	-	-	VV6A03XX4X02	16.8	VV6A03XX4Z02	21.2	11.4	110	85/94	0.91	I
LV-RGB 1000 Lm 1800-4000K	-	-	-	-	VV7303XX0814	23.8	19.0	52	85-97	0.6	II

All values are measured at 230V (+/- 7%). See page 190-191 for the HV-FD dimmerlist.



DOWNLIGHTS (SMALL)

NEW



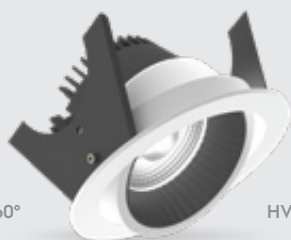
← →
ø 105 mm

OMEGA 90

BEAM ANGLE



LV 24°
LV / LV-TW 60°



HV-FD 40°



HV-FD 80°
LV / LV-TW 80°
LV-RGB 80°

COLOURS



Matt black
RAL 9005



Matt white
RAL 9016



61



63



64



62



71



74



75



72

SPRINGS

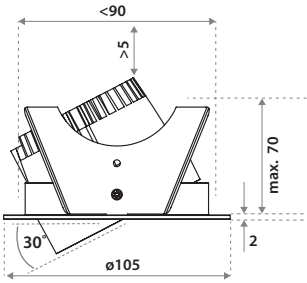


Standard with CS springs
(concrete/gyproc). Also
available as above with
WS springs (gyproc/metal).

ADJUSTABLE

Omega 90

DIMENSIONS



CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt	
			2700K	3000K	2700K	3000K
Special request	200	8.1	700	750	87	93
Special request	250	9.8	850	900	86	92
Special request	300	12.0	1050	1100	85	92
Standard	350	13.8	1150	1250	83	91

SPECIFICATIONS

Colour(s)	Housing / Reflector ring Matt white RAL9016 / Gold (XX=61) Matt white RAL9016 / Silver (XX=63) Matt white RAL9016 / Copper (XX=64) Matt white RAL9016 / Black (XX=62) Matt black RAL9005 / Gold (XX=71) Matt black RAL9005 / Silver (XX=74) Matt black RAL9005 / Copper (XX=75) Matt black RAL9005 / Black (XX=72)
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
Energy class	A

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012



90 mm



92 mm

90 mm: Using CS springs.
92 mm: Using WS springs.

IP20

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



eldoLED

5hc

TE

TCI

CASAMBI

SAMSUNG

LUMILEDS

CREE

ITEM SPECIFICATIONS

Description Omega 90	40°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
HV-FD 600Lm 2700K Triac dim	VW2B03XX5A02	23.2	VW2B03XX5B02	24.5	10.5	57	93	0.99	I
HV-FD 600Lm 3000K Triac dim	VW2B03XX5C02	23.2	VW2B03XX5D02	24.5	10.3	58	93	0.99	I
HV-FD 600Lm 4000K Triac dim	VW2B03XX5E02	23.2	VW2B03XX5F02	24.5	10.1	59	93	0.99	I
HV-FD 600Lm 2200-3000K Triac dim	VW2B03XX5G02	23.2	VW2B03XX5H02	24.5	10.3	58	93	0.99	I

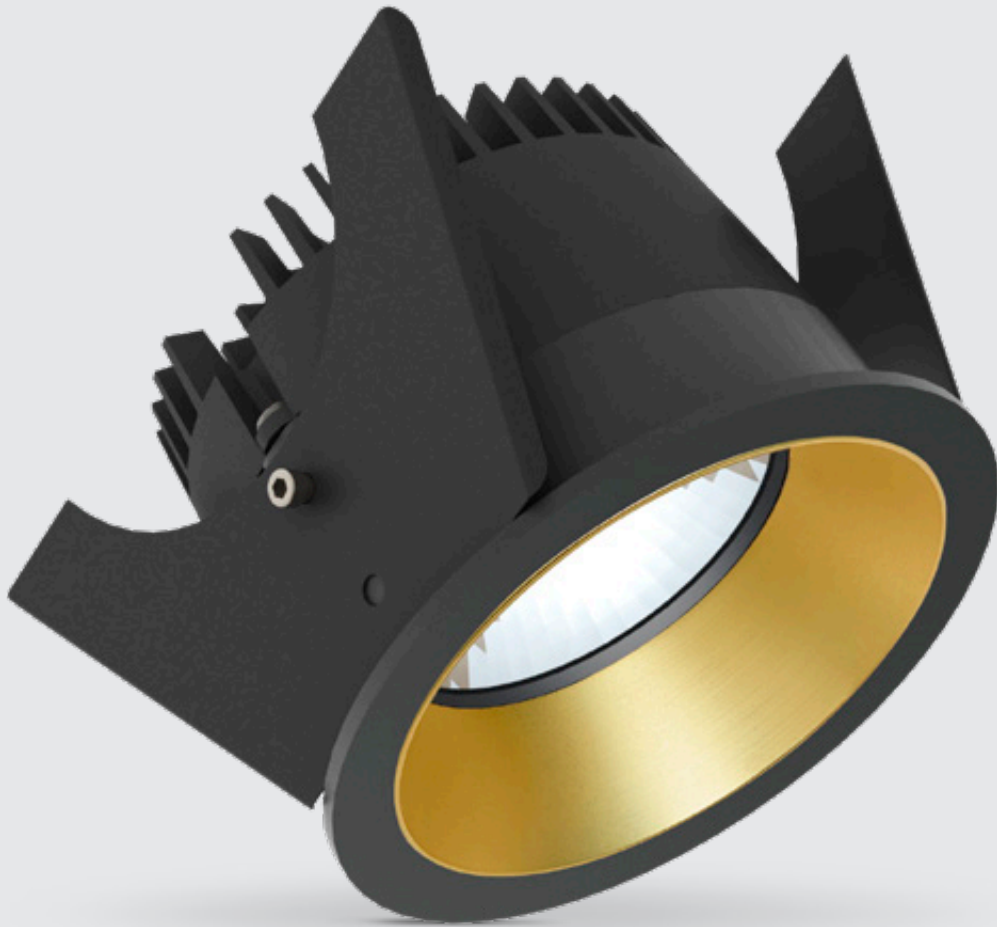
Description Omega 90	24°		60°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR					
LV 1150Lm 2700K No dim	VW5C03XX4K02	23.1	VW5C03XX4L02	24.0	VW5C03XX4M02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Triac dim	VW5C03XX4A02	23.1	VW5C03XX4D02	24.0	VW5C03XX4G02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Dali	VW5C03XX4B02	23.1	VW5C03XX4E02	24.0	VW5C03XX4H02	24.5	13.8	83	97	0.92	II
LV 1150Lm 2700K Casambi	VW5C03XX4C02	23.1	VW5C03XX4F02	24.0	VW5C03XX4J02	24.5	13.8	83	97	0.95	II
LV 1250Lm 3000K No dim	VW5D03XX4K02	23.1	VW5D03XX4L02	24.0	VW5D03XX4M02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Triac dim	VW5D03XX4A02	23.1	VW5D03XX4D02	24.0	VW5D03XX4G02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Dali	VW5D03XX4B02	23.1	VW5D03XX4E02	24.0	VW5D03XX4H02	24.5	13.8	91	97	0.92	II
LV 1250Lm 3000K Casambi	VW5D03XX4C02	23.1	VW5D03XX4F02	24.0	VW5D03XX4J02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Triac dim	VW5F03XX4A02	23.1	VW5F03XX4D02	24.0	VW5F03XX4G02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Dali	VW5F03XX4B02	23.1	VW5F03XX4E02	24.0	VW5F03XX4H02	24.5	13.8	91	97	0.92	II
LV 1250Lm 1800-3000K Casambi	VW5F03XX4C02	23.1	VW5F03XX4F02	24.0	VW5F03XX4J02	24.5	13.8	91	97	0.95	II
LV-TW 1250Lm 2700-6500K Dali	-	-	VW6B03XX4W02	16.8	VW6B03XX4Y02	21.2	11.4	110	85/94	0.91	I
LV-TW 1250Lm 2700-6500K Casambi	-	-	VW6B03XX4X02	16.8	VW6B03XX4Z02	21.2	11.4	110	85/94	0.91	I
LV-RGB 1000 Lm 1800-4000K	-	-	-	-	VW8303XX0814	23.8	19.0	52	85-97	0.6	II

All values are measured at 230V (+/- 7%). See page 190-191 for the HV-FD dimmerlist.



DOWNLIGHTS (SMALL)

NEW



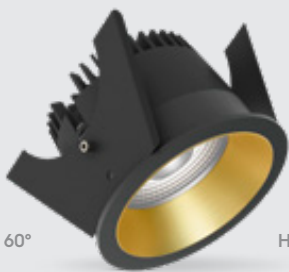
STRADA 75

← →
ø 81 mm

BEAM ANGLE



LV 24°
LV / LV-TW 60°



HV-FD 40°



HV-FD 80°
LV / LV-TW 80°

COLOURS



Matt black
RAL 9005



Matt white
RAL 9016



61



63



64



62



71



74



75



72

SPRINGS

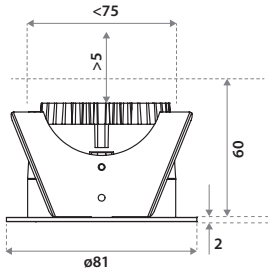


Standard with CS springs
(concrete/gyproc). Also
available as above with
WS springs (gyproc/
metal).

FIXED

Strada 75

DIMENSIONS



CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt	
			2700K	3000K	2700K	3000K
Special request	200	8.1	700	750	87	93
Special request	250	9.8	850	900	86	92
Special request	300	12.0	1050	1100	85	92
Standard	350	13.8	1150	1250	83	91

SPECIFICATIONS

Colour(s)	Housing / Reflector ring Matt white RAL9016 / Gold (XX=61) Matt white RAL9016 / Silver (XX=63) Matt white RAL9016 / Copper (XX=64) Matt white RAL9016 / Black (XX=62) Matt black RAL9005 / Gold (XX=71) Matt black RAL9005 / Silver (XX=74) Matt black RAL9005 / Copper (XX=75) Matt black RAL9005 / Black (XX=72)
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
Energy class	A

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012



75 mm



77 mm

75 mm: Using CS springs.
77 mm: Using WS springs.

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.



eldoLED

SHC

TE

TCI

CASAMBI

SAMSUNG

LUMILEDS

CREE

ITEM SPECIFICATIONS

Description Strada 75	40°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
HV-FD 600Lm 2700K Triac dim	852A03XX5A02	23.2	852A03XX5B02	24.5	10.5	57	93	0.99	I
HV-FD 600Lm 3000K Triac dim	852A03XX5C02	23.2	852A03XX5D02	24.5	10.3	58	93	0.99	I
HV-FD 600Lm 4000K Triac dim	852A03XX5E02	23.2	852A03XX5F02	24.5	10.1	59	93	0.99	I
HV-FD 600Lm 2200-3000K Triac dim	852A03XX5G02	23.2	852A03XX5H02	24.5	10.3	58	93	0.99	I

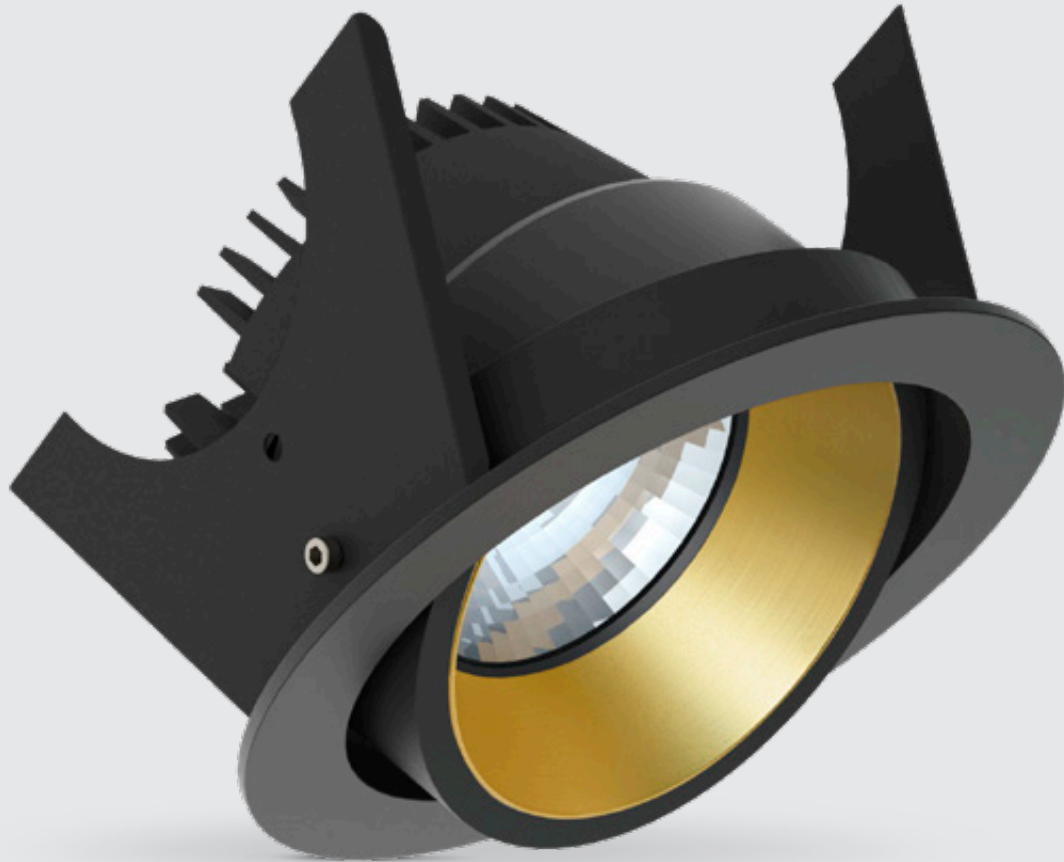
Description Strada 75	24°		60°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR					
LV 1150Lm 2700K No dim	855A03XX4K02	23.1	855A03XX4L02	24.0	855A03XX4M02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Triac dim	855A03XX4A02	23.1	855A03XX4D02	24.0	855A03XX4G02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Dali	855A03XX4B02	23.1	855A03XX4E02	24.0	855A03XX4H02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Casambi	855A03XX4C02	23.1	855A03XX4F02	24.0	855A03XX4J02	24.5	13.8	83	97	0.95	II
LV 1250Lm 3000K No dim	855B03XX4K02	23.1	855B03XX4L02	24.0	855B03XX4M02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Triac dim	855B03XX4A02	23.1	855B03XX4D02	24.0	855B03XX4G02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Dali	855B03XX4B02	23.1	855B03XX4E02	24.0	855B03XX4H02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Casambi	855B03XX4C02	23.1	855B03XX4F02	24.0	855B03XX4J02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Triac dim	855E03XX4A02	23.1	855E03XX4D02	24.0	855E03XX4G02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Dali	855E03XX4B02	23.1	855E03XX4E02	24.0	855E03XX4H02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Casambi	855E03XX4C02	23.1	855E03XX4F02	24.0	855E03XX4J02	24.5	13.8	91	97	0.95	II
LV-TW 1250Lm 2700-6500K Dali	-	-	856A03XX4W02	16.8	856A03XX4Y02	21.2	11.4	110	85/94	0.91	I
LV-TW 1250Lm 2700-6500K Casambi	-	-	856A03XX4X02	16.8	856A03XX4Z02	21.2	11.4	110	85/94	0.91	I

All values are measured at 230V (+/- 7%). See page 190-191 for the HV-FD dimmerlist.



DOWNLIGHTS (SMALL)

NEW



STRADA 90

← →
ø 105 mm

BEAM ANGLE



LV 24°
LV / LV-TW 60°



HV-FD 40°



HV-FD 80°
LV / LV-TW 80°

COLOURS



Matt black
RAL 9005



Matt white
RAL 9016



61



63



64



62



71



74



75



72

SPRINGS

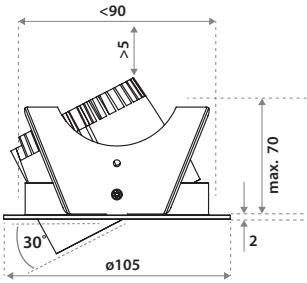


Standard with CS springs
(concrete/gyproc). Also
available as above with
WS springs (gyproc/
metal).

ADJUSTABLE

Strada 90

DIMENSIONS



CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt	
			2700K	3000K	2700K	3000K
Special request	200	8.1	700	750	87	93
Special request	250	9.8	850	900	86	92
Special request	300	12.0	1050	1100	85	92
Standard	350	13.8	1150	1250	83	91

SPECIFICATIONS

Colour(s)	Housing / Reflector ring Matt white RAL9016 / Gold (XX=61) Matt white RAL9016 / Silver (XX=63) Matt white RAL9016 / Copper (XX=64) Matt white RAL9016 / Black (XX=62) Matt black RAL9005 / Gold (XX=71) Matt black RAL9005 / Silver (XX=74) Matt black RAL9005 / Copper (XX=75) Matt black RAL9005 / Black (XX=72)
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
Energy class	A

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012



90 mm



92 mm

90 mm: Using CS springs.

92 mm: Using WS springs.

IP20

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



eldoLED
CASAMBI

SAMSUNG

TE

LUMILEDS
CREE

ITEM SPECIFICATIONS

Description Strada 90	40°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
HV-FD 600Lm 2700K Triac dim	852B03XX5A02	23.2	852B03XX5B02	24.5	10.5	57	93	0.99	I
HV-FD 600Lm 3000K Triac dim	852B03XX5C02	23.2	852B03XX5D02	24.5	10.3	58	93	0.99	I
HV-FD 600Lm 4000K Triac dim	852B03XX5E02	23.2	852B03XX5F02	24.5	10.1	59	93	0.99	I
HV-FD 600Lm 2200-3000K Triac dim	852B03XX5G02	23.2	852B03XX5H02	24.5	10.3	58	93	0.99	I

Description Strada 90	24°		60°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR					
LV 1150Lm 2700K No dim	855C03XX4K02	23.1	855C03XX4L02	24.0	855C03XX4M02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Triac dim	855C03XX4A02	23.1	855C03XX4D02	24.0	855C03XX4G02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Dali	855C03XX4B02	23.1	855C03XX4E02	24.0	855C03XX4H02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Casambi	855C03XX4C02	23.1	855C03XX4F02	24.0	855C03XX4J02	24.5	13.8	83	97	0.95	II
LV 1250Lm 3000K No dim	855D03XX4K02	23.1	855D03XX4L02	24.0	855D03XX4M02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Triac dim	855D03XX4A02	23.1	855D03XX4D02	24.0	855D03XX4G02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Dali	855D03XX4B02	23.1	855D03XX4E02	24.0	855D03XX4H02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Casambi	855D03XX4C02	23.1	855D03XX4F02	24.0	855D03XX4J02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Triac dim	855F03XX4A02	23.1	855F03XX4D02	24.0	855F03XX4G02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Dali	855F03XX4B02	23.1	855F03XX4E02	24.0	855F03XX4H02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Casambi	855F03XX4C02	23.1	855F03XX4F02	24.0	855F03XX4J02	24.5	13.8	91	97	0.95	II
LV-TW 1250Lm 2700-6500K Dali	-	-	856B03XX4W02	16.8	856B03XX4Y02	21.2	11.4	110	85/94	0.91	I
LV-TW 1250Lm 2700-6500K Casambi	-	-	856B03XX4X02	16.8	856B03XX4Z02	21.2	11.4	110	85/94	0.91	I

All values are measured at 230V (+/- 7%). See page 190-191 for the HV-FD dimmerlist.



DOWNLIGHTS (SMALL)

NEW



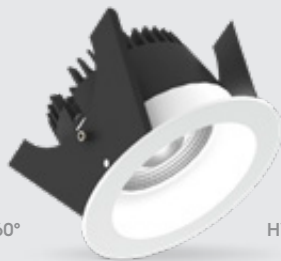
FLUXE 75

← →
ø 90 mm

BEAM ANGLE



LV 24°
LV / LV-TW 60°



HV-FD 40°



HV-FD 80°
LV / LV-TW 80°
LV-RGB 80°

COLOURS



Matt white
RAL 9016 (XX=MW)



Matt grey
RAL 9006 (XX=GR)



Matt black
RAL 9005 (XX=BL)

SPRINGS

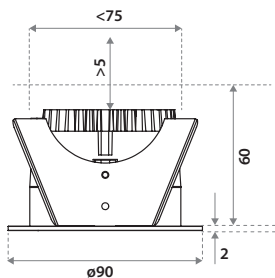


Standard with CS springs (concrete/gyproc).
Also available as above with
WS springs (gyproc/metal).

FIXED

Fluxe 75

DIMENSIONS



SPECIFICATIONS

Colour white	Matt white RAL 9016 (XX=MW)
Colour grey	Matt grey RAL 9006 (XX=GR)
Colour black	Matt black RAL 9005 (XX=BL)
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
Energy class	A

CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt	
			2700K	3000K	2700K	3000K
Special request	200	8.1	700	750	87	93
Special request	250	9.8	850	900	86	92
Special request	300	12.0	1050	1100	85	92
Standard	350	13.8	1150	1250	83	91

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



75 mm: Using CS springs.
77 mm: Using WS springs.



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 Fluxe 75	40°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
HV-FD 600Lm 2700K Triac dim	802A03XX5A02	23.2	802A03XX5B02	24.5	10.5	57	93	0.99	I
HV-FD 600Lm 3000K Triac dim	802A03XX5C02	23.2	802A03XX5D02	24.5	10.3	58	93	0.99	I
HV-FD 600Lm 4000K Triac dim	802A03XX5E02	23.2	802A03XX5F02	24.5	10.1	59	93	0.99	I
HV-FD 600Lm 2200-3000K Triac dim	802A03XX5G02	23.2	802A03XX5H02	24.5	10.3	58	93	0.99	I

Description Fluxe 75	24°		60°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR					
LV 1150Lm 2700K No dim	805A03XX4K02	23.1	805A03XX4L02	24.0	805A03XX4M02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Triac dim	805A03XX4A02	23.1	805A03XX4D02	24.0	805A03XX4G02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Dali	805A03XX4B02	23.1	805A03XX4E02	24.0	805A03XX4H02	24.5	13.8	83	97	0.92	II
LV 1150Lm 2700K Casambi	805A03XX4C02	23.1	805A03XX4F02	24.0	805A03XX4J02	24.5	13.8	83	97	0.95	II
LV 1250Lm 3000K No dim	805B03XX4K02	23.1	805B03XX4L02	24.0	805B03XX4M02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Triac dim	805B03XX4A02	23.1	805B03XX4D02	24.0	805B03XX4G02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Dali	805B03XX4B02	23.1	805B03XX4E02	24.0	805B03XX4H02	24.5	13.8	91	97	0.92	II
LV 1250Lm 3000K Casambi	805B03XX4C02	23.1	805B03XX4F02	24.0	805B03XX4J02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Triac dim	805E03XX4A02	23.1	805E03XX4D02	24.0	805E03XX4G02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Dali	805E03XX4B02	23.1	805E03XX4E02	24.0	805E03XX4H02	24.5	13.8	91	97	0.92	II
LV 1250Lm 1800-3000K Casambi	805E03XX4C02	23.1	805E03XX4F02	24.0	805E03XX4J02	24.5	13.8	91	97	0.95	II
LV-TW 1250Lm 2700-6500K Dali	-	-	806A03XX4W02	16.8	806A03XX4Y02	21.2	11.4	110	85/94	0.91	I
LV-TW 1250Lm 2700-6500K Casambi	-	-	806A03XX4X02	16.8	806A03XX4Z02	21.2	11.4	110	85/94	0.91	I
LV-RGB 1000 Lm 1800-4000K	-	-	-	-	807303XX0814	23.8	19.0	52	85-97	0.6	II

All values are measured at 230V (+/- 7%). See page 190-191 for the HV-FD dimmerlist.



DOWNLIGHTS (SMALL)

NEW

FLUXE 90



↔
ø 105 mm

BEAM ANGLE



LV 24°
LV / LV-TW 60°



HV-FD 40°



HV-FD 80°
LV / LV-TW 80°
LV-RGB 80°

COLOURS



Matt white
RAL 9016 (XX=MW)



Matt grey
RAL 9006 (XX=GR)



Matt black
RAL 9005 (XX=BL)

SPRINGS

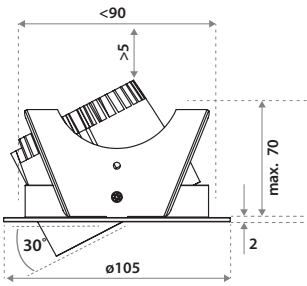


Standard with CS springs (concrete/gyproc).
Also available as above with
WS springs (gyproc/metal).

ADJUSTABLE

Fluxe 90

DIMENSIONS



CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt	
			2700K	3000K	2700K	3000K
Special request	200	8.1	700	750	87	93
Special request	250	9.8	850	900	86	92
Special request	300	12.0	1050	1100	85	92
Standard	350	13.8	1150	1250	83	91

SPECIFICATIONS

Colour white	Matt white RAL 9016 (XX=MW)
Colour grey	Matt grey RAL 9006 (XX=GR)
Colour black	Matt black RAL 9005 (XX=BL)
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
Energy class	A

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012



90 mm



92 mm

90 mm: Using CS springs.

92 mm: Using WS springs.

IP20

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



eldoLED
CASAMBI

SAMSUNG

TE

TCI
LUMILEDS
CREE

ITEM SPECIFICATIONS

Description Fluxe 90	40°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
HV-FD 600Lm 2700K Triac dim	802B03XX5A02	23.2	802B03XX5B02	24.5	10.5	57	93	0.99	I
HV-FD 600Lm 3000K Triac dim	802B03XX5C02	23.2	802B03XX5D02	24.5	10.3	58	93	0.99	I
HV-FD 600Lm 4000K Triac dim	802B03XX5E02	23.2	802B03XX5F02	24.5	10.1	59	93	0.99	I
HV-FD 600Lm 2200-3000K Triac dim	802B03XX5G02	23.2	802B03XX5H02	24.5	10.3	58	93	0.99	I

Description Fluxe 90	24°		60°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR					
LV 1150Lm 2700K No dim	805C03XX4K02	23.1	805C03XX4L02	24.0	805C03XX4M02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Triac dim	805C03XX4A02	23.1	805C03XX4D02	24.0	805C03XX4G02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Dali	805C03XX4B02	23.1	805C03XX4E02	24.0	805C03XX4H02	24.5	13.8	83	97	0.92	II
LV 1150Lm 2700K Casambi	805C03XX4C02	23.1	805C03XX4F02	24.0	805C03XX4J02	24.5	13.8	83	97	0.95	II
LV 1250Lm 3000K No dim	805D03XX4K02	23.1	805D03XX4L02	24.0	805D03XX4M02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Triac dim	805D03XX4A02	23.1	805D03XX4D02	24.0	805D03XX4G02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Dali	805D03XX4B02	23.1	805D03XX4E02	24.0	805D03XX4H02	24.5	13.8	91	97	0.92	II
LV 1250Lm 3000K Casambi	805D03XX4C02	23.1	805D03XX4F02	24.0	805D03XX4J02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Triac dim	805F03XX4A02	23.1	805F03XX4D02	24.0	805F03XX4G02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Dali	805F03XX4B02	23.1	805F03XX4E02	24.0	805F03XX4H02	24.5	13.8	91	97	0.92	II
LV 1250Lm 1800-3000K Casambi	805F03XX4C02	23.1	805F03XX4F02	24.0	805F03XX4J02	24.5	13.8	91	97	0.95	II
LV-TW 1250Lm 2700-6500K Dali	-	-	806B03XX4W02	16.8	806B03XX4Y02	21.2	11.4	110	85/94	0.91	I
LV-TW 1250Lm 2700-6500K Casambi	-	-	806B03XX4X02	16.8	806B03XX4Z02	21.2	11.4	110	85/94	0.91	I
LV-RGB 1000 Lm 1800-4000K	-	-	-	-	808303XX0814	23.8	19.0	52	85-97	0.6	II

All values are measured at 230V (+/- 7%). See page 190-191 for the HV-FD dimmerlist.



DOWNLIGHTS (SMALL)

NEW



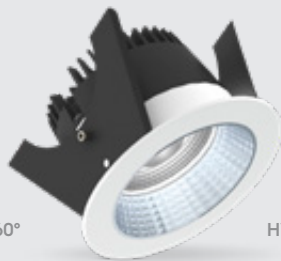
CURION 75

← →
ø 90 mm

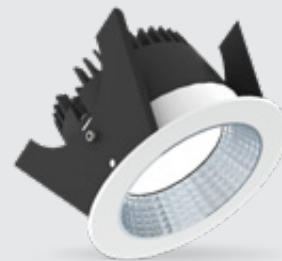
BEAM ANGLE



LV 24°
LV / LV-TW 60°



HV-FD 40°



HV-FD 80°
LV / LV-TW 80°
LV-RGB 80°

COLOURS



Matt white
RAL 9016 (XX=MW)



Matt grey
RAL 9006 (XX=GR)



Matt black
RAL 9005 (XX=BL)

SPRINGS

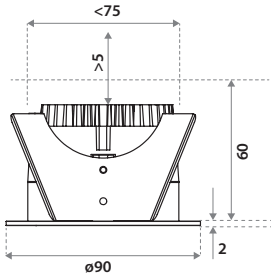


Standard with CS springs (concrete/gyproc).
Also available as above with
WS springs (gyproc/metal).

FIXED

Curion 75

DIMENSIONS



CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt	
			2700K	3000K	2700K	3000K
Special request	200	8.1	700	750	87	93
Special request	250	9.8	850	900	86	92
Special request	300	12.0	1050	1100	85	92
Standard	350	13.8	1150	1250	83	91

SPECIFICATIONS

Colour white	Matt white RAL 9016 (XX=MW)
Colour grey	Matt grey RAL 9006 (XX=GR)
Colour black	Matt black RAL 9005 (XX=BL)
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
Energy class	A

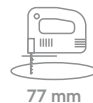
This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012



75 mm



77 mm

75 mm: Using CS springs.

77 mm: Using WS springs.

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.



eldoLED
CASAMBI

SHC
SAMSUNG

TE

TCI
LUMILEDS
CREE

ITEM SPECIFICATIONS

Description Curion 75	40°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
HV-FD 600Lm 2700K Triac dim	942A03XX5A02	23.2	942A03XX5B02	24.5	10.5	57	93	0.99	I
HV-FD 600Lm 3000K Triac dim	942A03XX5C02	23.2	942A03XX5D02	24.5	10.3	58	93	0.99	I
HV-FD 600Lm 4000K Triac dim	942A03XX5E02	23.2	942A03XX5F02	24.5	10.1	59	93	0.99	I
HV-FD 600Lm 2200-3000K Triac dim	942A03XX5G02	23.2	942A03XX5H02	24.5	10.3	58	93	0.99	I

Description Curion 75	24°		60°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR					
LV 1150Lm 2700K No dim	945A03XX4K02	23.1	945A03XX4L02	24.0	945A03XX4M02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Triac dim	945A03XX4A02	23.1	945A03XX4D02	24.0	945A03XX4G02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Dali	945A03XX4B02	23.1	945A03XX4E02	24.0	945A03XX4H02	24.5	13.8	83	97	0.92	II
LV 1150Lm 2700K Casambi	945A03XX4C02	23.1	945A03XX4F02	24.0	945A03XX4J02	24.5	13.8	83	97	0.95	II
LV 1250Lm 3000K No dim	945B03XX4K02	23.1	945B03XX4L02	24.0	945B03XX4M02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Triac dim	945B03XX4A02	23.1	945B03XX4D02	24.0	945B03XX4G02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Dali	945B03XX4B02	23.1	945B03XX4E02	24.0	945B03XX4H02	24.5	13.8	91	97	0.92	II
LV 1250Lm 3000K Casambi	945B03XX4C02	23.1	945B03XX4F02	24.0	945B03XX4J02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Triac dim	945E03XX4A02	23.1	945E03XX4D02	24.0	945E03XX4G02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Dali	945E03XX4B02	23.1	945E03XX4E02	24.0	945E03XX4H02	24.5	13.8	91	97	0.92	II
LV 1250Lm 1800-3000K Casambi	945E03XX4C02	23.1	945E03XX4F02	24.0	945E03XX4J02	24.5	13.8	91	97	0.95	II
LV-TW 1250Lm 2700-6500K Dali	-	-	946A03XX4W02	16.8	946A03XX4Y02	21.2	11.4	110	85/94	0.91	I
LV-TW 1250Lm 2700-6500K Casambi	-	-	946A03XX4X02	16.8	946A03XX4Z02	21.2	11.4	110	85/94	0.91	I
LV-RGB 1000 Lm 1800-4000K	-	-	-	-	947303XX0814	23.8	19.0	52	85-97	0.6	II

All values are measured at 230V (+/- 7%). See page 190-191 for the HV-FD dimmerlist.



DOWNLIGHTS (SMALL)

CURION 75



FIXED



Downlights
-
Curion 75

DOWNLIGHTS (SMALL)

NEW



CURION 90

← →
ø 105 mm

BEAM ANGLE



LV 24°
LV / LV-TW 60°



HV-FD 40°



HV-FD 80°
LV / LV-TW 80°
LV-RGB 80°

COLOURS



Matt white
RAL 9016 (XX=MW)



Matt grey
RAL 9006 (XX=GR)



Matt black
RAL 9005 (XX=BL)

SPRINGS

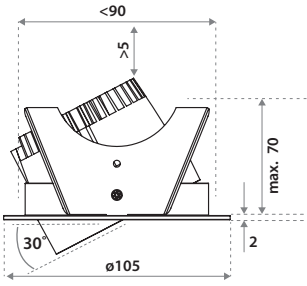


Standard with CS springs (concrete/gyproc).
Also available as above with
WS springs (gyproc/metal).

ADJUSTABLE

Curion 90

DIMENSIONS



CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt	
			2700K	3000K	2700K	3000K
Special request	200	8.1	700	750	87	93
Special request	250	9.8	850	900	86	92
Special request	300	12.0	1050	1100	85	92
Standard	350	13.8	1150	1250	83	91

SPECIFICATIONS

Colour white	Matt white RAL 9016 (XX=MW)
Colour grey	Matt grey RAL 9006 (XX=GR)
Colour black	Matt black RAL 9005 (XX=BL)
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
Energy class	A

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012



90 mm



92 mm

90 mm: Using CS springs.

92 mm: Using WS springs.

IP20

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



eldoLED
CASAMBI

SHC
SAMSUNG

TE
LUMILEDS

TCLE
CREE

ITEM SPECIFICATIONS

Description Curion 90	40°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
HV-FD 600Lm 2700K Triac dim	942B03XX5A02	23.2	942B03XX5B02	24.5	10.5	57	93	0.99	I
HV-FD 600Lm 3000K Triac dim	942B03XX5C02	23.2	942B03XX5D02	24.5	10.3	58	93	0.99	I
HV-FD 600Lm 4000K Triac dim	942B03XX5E02	23.2	942B03XX5F02	24.5	10.1	59	93	0.99	I
HV-FD 600Lm 2200-3000K Triac dim	942B03XX5G02	23.2	942B03XX5H02	24.5	10.3	58	93	0.99	I

Description Curion 90	24°		60°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR					
LV 1150Lm 2700K No dim	945C03XX4K02	23.1	945C03XX4L02	24.0	945C03XX4M02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Triac dim	945C03XX4A02	23.1	945C03XX4D02	24.0	945C03XX4G02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Dali	945C03XX4B02	23.1	945C03XX4E02	24.0	945C03XX4H02	24.5	13.8	83	97	0.92	II
LV 1150Lm 2700K Casambi	945C03XX4C02	23.1	945C03XX4F02	24.0	945C03XX4J02	24.5	13.8	83	97	0.95	II
LV 1250Lm 3000K No dim	945D03XX4K02	23.1	945D03XX4L02	24.0	945D03XX4M02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Triac dim	945D03XX4A02	23.1	945D03XX4D02	24.0	945D03XX4G02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Dali	945D03XX4B02	23.1	945D03XX4E02	24.0	945D03XX4H02	24.5	13.8	91	97	0.92	II
LV 1250Lm 3000K Casambi	945D03XX4C02	23.1	945D03XX4F02	24.0	945D03XX4J02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Triac dim	945F03XX4A02	23.1	945F03XX4D02	24.0	945F03XX4G02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Dali	945F03XX4B02	23.1	945F03XX4E02	24.0	945F03XX4H02	24.5	13.8	91	97	0.92	II
LV 1250Lm 1800-3000K Casambi	945F03XX4C02	23.1	945F03XX4F02	24.0	945F03XX4J02	24.5	13.8	91	97	0.95	II
LV-TW 1250Lm 2700-6500K Dali	-	-	946B03XX4W02	16.8	946B03XX4Y02	21.2	11.4	110	85/94	0.91	I
LV-TW 1250Lm 2700-6500K Casambi	-	-	946B03XX4X02	16.8	946B03XX4Z02	21.2	11.4	110	85/94	0.91	I
LV-RGB 1000 Lm 1800-4000K	-	-	-	-	948303XX0814	23.8	19.0	52	85-97	0.6	II

All values are measured at 230V (+/- 7%). See page 190-191 for the HV-FD dimmerlist.



DOWNLIGHTS (SMALL)

NEW



90 x 90 mm

BEAM ANGLE



LV / LV-TW 60°



HV-FD 80°
LV / LV-TW 80°
LV-RGB 80°

COLOURS



Matt white
RAL 9016 (XX=MW)



Matt grey
RAL 9006 (XX=GR)



Matt black
RAL 9005 (XX=BL)

SPRINGS



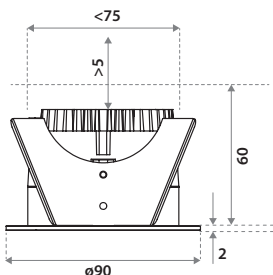
Standard with CS springs (concrete/gyproc).
Also available as above with
WS springs (gyproc/metal).

FABIO 75

FIXED

Fabio 75

DIMENSIONS



SPECIFICATIONS

Colour white	Matt white RAL 9016 (XX=MW)
Colour grey	Matt grey RAL 9006 (XX=GR)
Colour black	Matt black RAL 9005 (XX=BL)
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
Energy class	A

CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt	
			2700K	3000K	2700K	3000K
Special request	200	8.1	700	750	87	93
Special request	250	9.8	850	900	86	92
Special request	300	12.0	1050	1100	85	92
Standard	350	13.8	1150	1250	83	91

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012



75 mm



77 mm

75 mm: Using CS springs.
77 mm: Using WS springs.



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 Fabio 75	60°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
HV-FD 600Lm 2700K Triac dim	-	-	832A03XX5B02	24.5	10.5	57	93	0.99	I
HV-FD 600Lm 3000K Triac dim	-	-	832A03XX5D02	24.5	10.3	58	93	0.99	I
HV-FD 600Lm 4000K Triac dim	-	-	832A03XX5F02	24.5	10.1	59	93	0.99	I
HV-FD 600Lm 2200-3000K Triac dim	-	-	832A03XX5H02	24.5	10.3	58	93	0.99	I
LV 1150Lm 2700K No dim	835A03XX4L02	24.0	835A03XX4M02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Triac dim	835A03XX4D02	24.0	835A03XX4G02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Dali	835A03XX4E02	24.0	835A03XX4H02	24.5	13.8	83	97	0.92	II
LV 1150Lm 2700K Casambi	835A03XX4F02	24.0	835A03XX4J02	24.5	13.8	83	97	0.95	II
LV 1250Lm 3000K No dim	835B03XX4L02	24.0	835B03XX4M02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Triac dim	835B03XX4D02	24.0	835B03XX4G02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Dali	835B03XX4E02	24.0	835B03XX4H02	24.5	13.8	91	97	0.92	II
LV 1250Lm 3000K Casambi	835B03XX4F02	24.0	835B03XX4J02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Triac dim	835E03XX4D02	24.0	835E03XX4G02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Dali	835E03XX4E02	24.0	835E03XX4H02	24.5	13.8	91	97	0.92	II
LV 1250Lm 1800-3000K Casambi	835E03XX4F02	24.0	835E03XX4J02	24.5	13.8	91	97	0.95	II
LV-TW 1250Lm 2700-6500K Dali	836A03XX4W02	16.8	836A03XX4Y02	21.2	11.4	110	85/94	0.91	I
LV-TW 1250Lm 2700-6500K Casambi	836A03XX4X02	16.8	836A03XX4Z02	21.2	11.4	110	85/94	0.91	I
LV-RGB 1000 Lm 1800-4000K	-	-	837303XX0814	23.8	19.0	52	85-97	0.6	II

All values are measured at 230V (+/- 7%). See page 190-191 for the HV-FD dimmerlist.



DOWNLIGHTS (SMALL)

NEW

QUAD 75



90 x 90 mm

BEAM ANGLE



LV / LV-TW 60°



HV-FD 80°
LV / LV-TW 80°
LV-RGB 80°

COLOURS



Matt white
RAL 9016 (XX=MW)



Matt grey
RAL 9006 (XX=GR)



Matt black
RAL 9005 (XX=BL)

SPRINGS

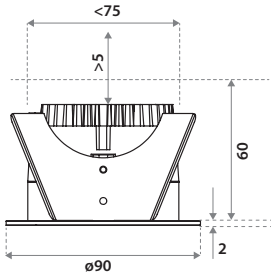


Standard with CS springs (concrete/gyproc).
Also available as above with
WS springs (gyproc/metal).

FIXED

Quad 75

DIMENSIONS



SPECIFICATIONS

Colour white	Matt white RAL 9016 (XX=MW)
Colour grey	Matt grey RAL 9006 (XX=GR)
Colour black	Matt black RAL 9005 (XX=BL)
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
Energy class	A

CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt	
			2700K	3000K	2700K	3000K
Special request	200	8.1	700	750	87	93
Special request	250	9.8	850	900	86	92
Special request	300	12.0	1050	1100	85	92
Standard	350	13.8	1150	1250	83	91

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012



75 mm



77 mm

75 mm: Using CS springs.
77 mm: Using WS springs.

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.



eldoLED SHC TE TCI
CASAMBI SAMSUNG LUMILEDS CREE

ITEM SPECIFICATIONS

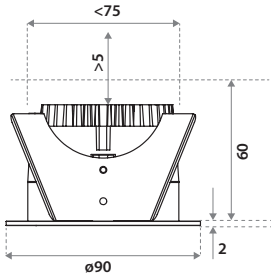
Description Quad 75	60°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
HV-FD 600Lm 2700K Triac dim	-	-	932A03XX5B02	24.5	10.5	57	93	0.99	I
HV-FD 600Lm 3000K Triac dim	-	-	932A03XX5D02	24.5	10.3	58	93	0.99	I
HV-FD 600Lm 4000K Triac dim	-	-	932A03XX5F02	24.5	10.1	59	93	0.99	I
HV-FD 600Lm 2200-3000K Triac dim	-	-	932A03XX5H02	24.5	10.3	58	93	0.99	I
LV 1150Lm 2700K No dim	935A03XX4L02	24.0	935A03XX4M02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Triac dim	935A03XX4D02	24.0	935A03XX4G02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Dali	935A03XX4E02	24.0	935A03XX4H02	24.5	13.8	83	97	0.92	II
LV 1150Lm 2700K Casambi	935A03XX4F02	24.0	935A03XX4J02	24.5	13.8	83	97	0.95	II
LV 1250Lm 3000K No dim	935B03XX4L02	24.0	935B03XX4M02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Triac dim	935B03XX4D02	24.0	935B03XX4G02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Dali	935B03XX4E02	24.0	935B03XX4H02	24.5	13.8	91	97	0.92	II
LV 1250Lm 3000K Casambi	935B03XX4F02	24.0	935B03XX4J02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Triac dim	935E03XX4D02	24.0	935E03XX4G02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Dali	935E03XX4E02	24.0	935E03XX4H02	24.5	13.8	91	97	0.92	II
LV 1250Lm 1800-3000K Casambi	935E03XX4F02	24.0	935E03XX4J02	24.5	13.8	91	97	0.95	II
LV-TW 1250Lm 2700-6500K Dali	936A03XX4W02	16.8	936A03XX4Y02	21.2	11.4	110	85/94	0.91	I
LV-TW 1250Lm 2700-6500K Casambi	936A03XX4X02	16.8	936A03XX4Z02	21.2	11.4	110	85/94	0.91	I
LV-RGB 1000 Lm 1800-4000K	-	-	937303XX0814	23.8	19.0	52	85-97	0.6	II

All values are measured at 230V (+/- 7%). See page 190-191 for the HV-FD dimmerlist.



Linea 75

DIMENSIONS



CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt	
			2700K	3000K	2700K	3000K
Special request	200	8.1	700	750	87	93
Special request	250	9.8	850	900	86	92
Special request	300	12.0	1050	1100	85	92
Standard	350	13.8	1150	1250	83	91

SPECIFICATIONS

Colour white	Matt white RAL 9016 (XX=MW)
Colour black	Matt black RAL 9005 (XX=BL)
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
Energy class	A

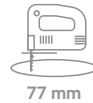
This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012



75 mm



77 mm

75 mm: Using CS springs.

77 mm: Using WS springs.

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.



eldoLED

SHC

TE

TCI

CASAMBI

SAMSUNG

LUMILEDS

CREE

ITEM SPECIFICATIONS

Description Linea 75	40°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
HV-FD 600Lm 2700K Triac dim	912A03XX5A02	23.2	912A03XX5B02	24.5	10.5	57	93	0.99	I
HV-FD 600Lm 3000K Triac dim	912A03XX5C02	23.2	912A03XX5D02	24.5	10.3	58	93	0.99	I
HV-FD 600Lm 4000K Triac dim	912A03XX5E02	23.2	912A03XX5F02	24.5	10.1	59	93	0.99	I
HV-FD 600Lm 2200-3000K Triac dim	912A03XX5G02	23.2	912A03XX5H02	24.5	10.3	58	93	0.99	I

Description Linea 75	24°		60°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR					
LV 1150Lm 2700K No dim	915A03XX4K02	23.1	915A03XX4L02	24.0	915A03XX4M02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Triac dim	915A03XX4A02	23.1	915A03XX4D02	24.0	915A03XX4G02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Dali	915A03XX4B02	23.1	915A03XX4E02	24.0	915A03XX4H02	24.5	13.8	83	97	0.92	II
LV 1150Lm 2700K Casambi	915A03XX4C02	23.1	915A03XX4F02	24.0	915A03XX4J02	24.5	13.8	83	97	0.95	II
LV 1250Lm 3000K No dim	915B03XX4K02	23.1	915B03XX4L02	24.0	915B03XX4M02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Triac dim	915B03XX4A02	23.1	915B03XX4D02	24.0	915B03XX4G02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Dali	915B03XX4B02	23.1	915B03XX4E02	24.0	915B03XX4H02	24.5	13.8	91	97	0.92	II
LV 1250Lm 3000K Casambi	915B03XX4C02	23.1	915B03XX4F02	24.0	915B03XX4J02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Triac dim	915E03XX4A02	23.1	915E03XX4D02	24.0	915E03XX4G02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Dali	915E03XX4B02	23.1	915E03XX4E02	24.0	915E03XX4H02	24.5	13.8	91	97	0.92	II
LV 1250Lm 1800-3000K Casambi	915E03XX4C02	23.1	915E03XX4F02	24.0	915E03XX4J02	24.5	13.8	91	97	0.95	II
LV-TW 1250Lm 2700-6500K Dali	-	-	916A03XX4W02	16.8	916A03XX4Y02	21.2	11.4	110	85/94	0.91	I
LV-TW 1250Lm 2700-6500K Casambi	-	-	916A03XX4X02	16.8	916A03XX4Z02	21.2	11.4	110	85/94	0.91	I
LV-RGB 1000 Lm 1800-4000K	-	-	-	-	917303XX0814	23.8	19.0	52	85-97	0.6	II

All values are measured at 230V (+/- 7%). See page 190-191 for the HV-FD dimmerlist.



DOWNLIGHTS (LARGE)

NEW

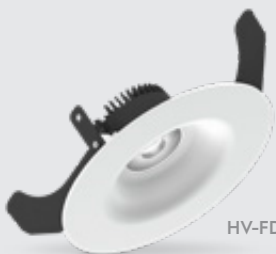


← →
ø 180 mm

BEAM ANGLE



LV 24°
LV / LV-TW 60°



HV-FD 40°



HV-FD 80°
LV / LV-TW 80°
LV-RGB 80°

COLOURS



Matt white
RAL 9016 (XX=MW)



Matt black
RAL 9005 (XX=BL)

SPRINGS



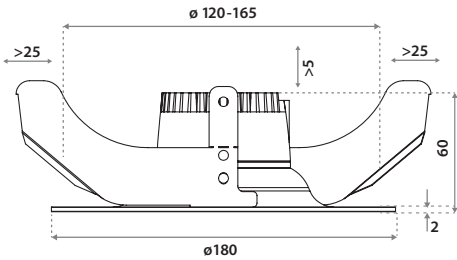
Standard with GS springs (concrete/gyproc).
Also available as above with
WS springs (gyproc/metal).

LINEA 120

FIXED

Linea 120

DIMENSIONS



CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt	
			2700K	3000K	2700K	3000K
Special request	200	8.1	700	750	87	93
Special request	250	9.8	850	900	86	92
Special request	300	12.0	1050	1100	85	92
Standard	350	13.8	1150	1250	83	91

SPECIFICATIONS

Colour white	Matt white RAL 9016 (XX=MW)
Colour black	Matt black RAL 9005 (XX=BL)
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
Energy class	A

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012



120 mm



120-165 mm

120 mm: For soft ceiling tiles. We recommend using a wooden plate or a ceiling ring on the reverse side of the tile.
120-165 mm: For plasterboard ceilings or similar harder materials.

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.



eldoLED

SAMSUNG

TE

TCU

CASAMBI

SAMSUNG

LUMILEDS

CREE

ITEM SPECIFICATIONS

Description Linea 120	40°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
HV-FD 600Lm 2700K Triac dim	892A03XX5J02	23.2	892A03XX5K02	24.5	10.5	57	93	0.99	I
HV-FD 600Lm 3000K Triac dim	892A03XX5L02	23.2	892A03XX5M02	24.5	10.3	58	93	0.99	I
HV-FD 600Lm 4000K Triac dim	892A03XX5N02	23.2	892A03XX5P02	24.5	10.1	59	93	0.99	I
HV-FD 600Lm 2200-3000K Triac dim	892A03XX5Q02	23.2	892A03XX5R02	24.5	10.3	58	93	0.99	I

Description Linea 120	24°		60°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR					
LV 1150Lm 2700K No dim	895A03XX2U02	23.1	895A03XX2V02	24.0	895A03XX2W02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Triac dim	895A03XX2K02	23.1	895A03XX2N02	24.0	895A03XX2R02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Dali	895A03XX2L02	23.1	895A03XX2P02	24.0	895A03XX2S02	24.5	13.8	83	97	0.92	II
LV 1150Lm 2700K Casambi	895A03XX2M02	23.1	895A03XX2Q02	24.0	895A03XX2T02	24.5	13.8	83	97	0.95	II
LV 1250Lm 3000K No dim	895B03XX2U02	23.1	895B03XX2V02	24.0	895B03XX2W02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Triac dim	895B03XX2K02	23.1	895B03XX2N02	24.0	895B03XX2R02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Dali	895B03XX2L02	23.1	895B03XX2P02	24.0	895B03XX2S02	24.5	13.8	91	97	0.92	II
LV 1250Lm 3000K Casambi	895B03XX2M02	23.1	895B03XX2Q02	24.0	895B03XX2T02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Triac dim	895E03XX2K02	23.1	895E03XX2N02	24.0	895E03XX2R02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Dali	895E03XX2L02	23.1	895E03XX2P02	24.0	895E03XX2S02	24.5	13.8	91	97	0.92	II
LV 1250Lm 1800-3000K Casambi	895E03XX2M02	23.1	895E03XX2Q02	24.0	895E03XX2T02	24.5	13.8	91	97	0.95	II
LV-TW 1250Lm 2700-6500K Dali	-	-	896B03XX2B02	16.8	896B03XX2D02	21.2	11.4	110	85/94	0.91	I
LV-TW 1250Lm 2700-6500K Casambi	-	-	896B03XX2C02	16.8	896B03XX2E02	21.2	11.4	110	85/94	0.91	I
LV-RGB 1000 Lm 1800-4000K	-	-	-	-	891703XX0614	23.8	19.0	52	85-97	0.6	II

All values are measured at 230V (+/- 7%). See page 190-191 for the HV-FD dimmerlist.



DOWNLIGHTS (LARGE)

NEW



↔
ø 230 mm

BEAM ANGLE



LV 24°
LV / LV-TW 60°



LV / LV-TW 80°
LV-RGB 80°

COLOURS



Matt white
RAL 9016 (XX=MW)



Matt black
RAL 9005 (XX=BL)

SPRINGS



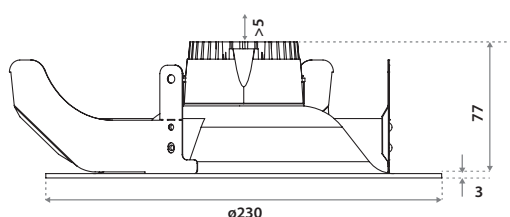
Standard with GS springs (concrete/gyproc).
Also available as above with
WS springs (gyproc/metal).

LINEA 185

FIXED

Linea 185

DIMENSIONS



CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt	
			2700K	3000K	2700K	3000K
Special request	200	8.1	700	750	87	93
Special request	250	9.8	850	900	86	92
Special request	300	12.0	1050	1100	85	92
Standard	350	13.8	1150	1250	83	91

SPECIFICATIONS

Colour white	Matt white RAL 9016 (XX=MW)
Colour black	Matt black RAL 9005 (XX=BL)
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
Energy class	A

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012



170-175 mm



185-210 mm

170-175 mm: For soft ceiling tiles. Turn the ring on the front counterclockwise after installation. We recommend taking down the ceiling tile before installing the product.
185-210 mm: For plasterboard ceilings or similar harder materials.

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.



eldoLED

CASAMBI

SAMSUNG

LUMILEDS

ITEM SPECIFICATIONS

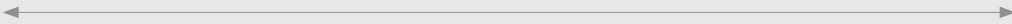
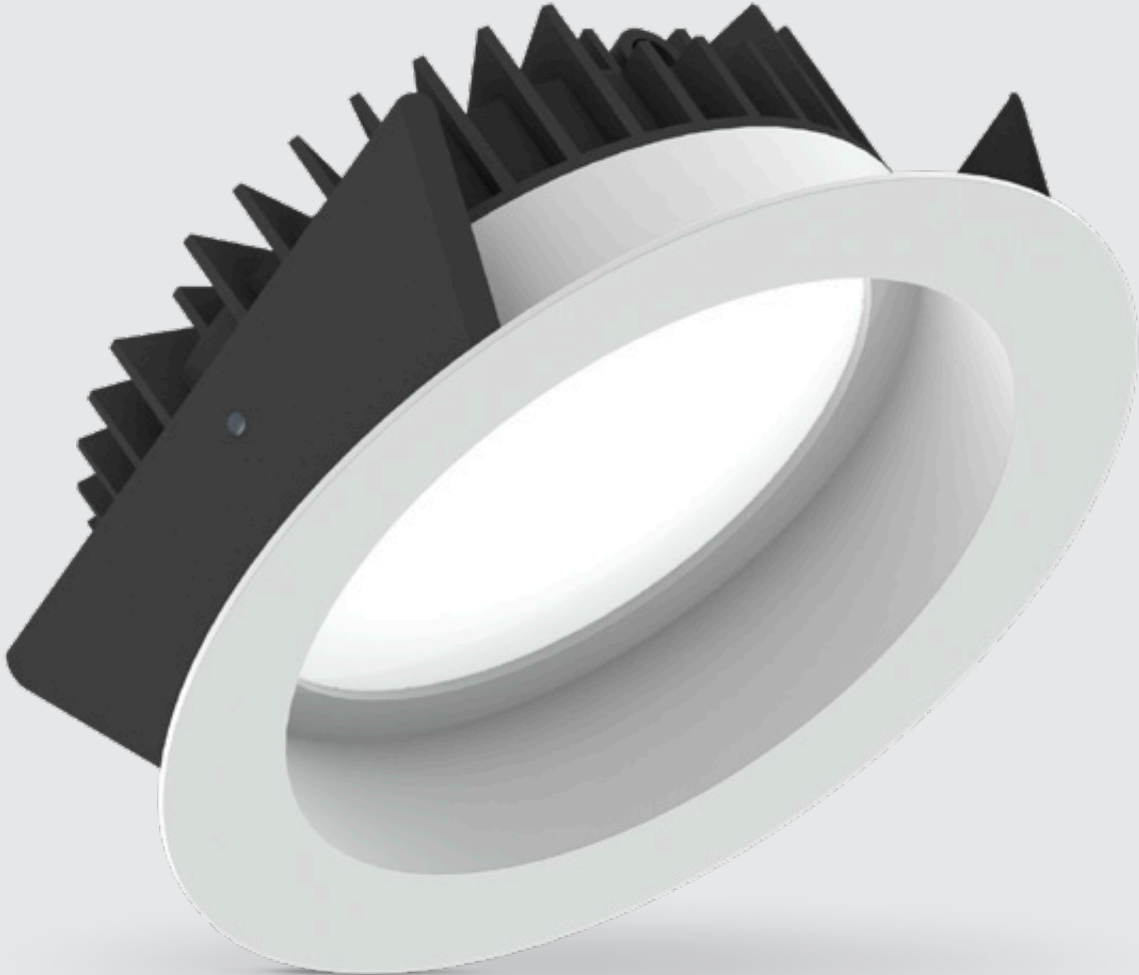
Description Linea 185	24°		60°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR					
LV 1150Lm 2700K No dim	875A03XX2U02	23.1	875A03XX2V02	24.0	875A03XX2W02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Triac dim	875A03XX2K02	23.1	875A03XX2N02	24.0	875A03XX2R02	24.5	13.8	83	97	0.95	II
LV 1150Lm 2700K Dali	875A03XX2L02	23.1	875A03XX2P02	24.0	875A03XX2S02	24.5	13.8	83	97	0.92	II
LV 1150Lm 2700K Casambi	875A03XX2M02	23.1	875A03XX2Q02	24.0	875A03XX2T02	24.5	13.8	83	97	0.95	II
LV 1250Lm 3000K No dim	875B03XX2U02	23.1	875B03XX2V02	24.0	875B03XX2W02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Triac dim	875B03XX2K02	23.1	875B03XX2N02	24.0	875B03XX2R02	24.5	13.8	91	97	0.95	II
LV 1250Lm 3000K Dali	875B03XX2L02	23.1	875B03XX2P02	24.0	875B03XX2S02	24.5	13.8	91	97	0.92	II
LV 1250Lm 3000K Casambi	875B03XX2M02	23.1	875B03XX2Q02	24.0	875B03XX2T02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Triac dim	875E03XX2K02	23.1	875E03XX2N02	24.0	875E03XX2R02	24.5	13.8	91	97	0.95	II
LV 1250Lm 1800-3000K Dali	875E03XX2L02	23.1	875E03XX2P02	24.0	875E03XX2S02	24.5	13.8	91	97	0.92	II
LV 1250Lm 1800-3000K Casambi	875E03XX2M02	23.1	875E03XX2Q02	24.0	875E03XX2T02	24.5	13.8	91	97	0.95	II
LV-TW 1250Lm 2700-6500K Dali	-	-	876A03XX2B02	16.8	876A03XX2D02	21.2	11.4	110	85/94	0.91	I
LV-TW 1250Lm 2700-6500K Casambi	-	-	876A03XX2C02	16.8	876A03XX2E02	21.2	11.4	110	85/94	0.91	I
LV-RGB 1000 Lm 1800-4000K	-	-	-	-	876503XX0614	23.8	19.0	52	85-97	0.6	II

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



DOWNLIGHTS (LARGE)

FLUXE 185



ø 230 mm

COLOURS



Matt white
RAL 9016 (XX=MW)



Matt black
RAL 9005 (XX=BL)

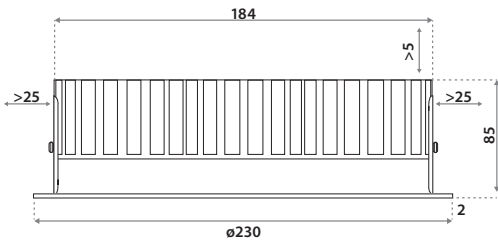
SPRINGS

No other springs
available.

FIXED

Fluxe 185

DIMENSIONS



SPECIFICATIONS

Colour white	Matt white RAL 9016 (XX=MW)
Colour black	Matt black RAL 9005 (XX=BL)
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
Energy class	A (HV-IC) / A+ (MLM)

CHOOSE YOUR MLM LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt	
			3000K	4000K	3000K	4000K
Special request	350	9.8	1400	1450	143	148
Special request	500	14.2	1950	2050	137	144
Standard	700	20.0	2700	2850	135	142
Special request	900	26.5	3450	3600	130	136
Standard	1050	31.2	4000	4200	128	135
Special request	1200	35.8	4500	4750	126	133
Standard	1400	42.4	5250	5500	124	130

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012



185 mm



185-205 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

IP44

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

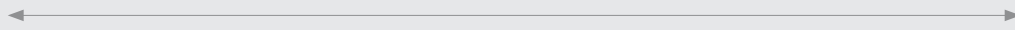
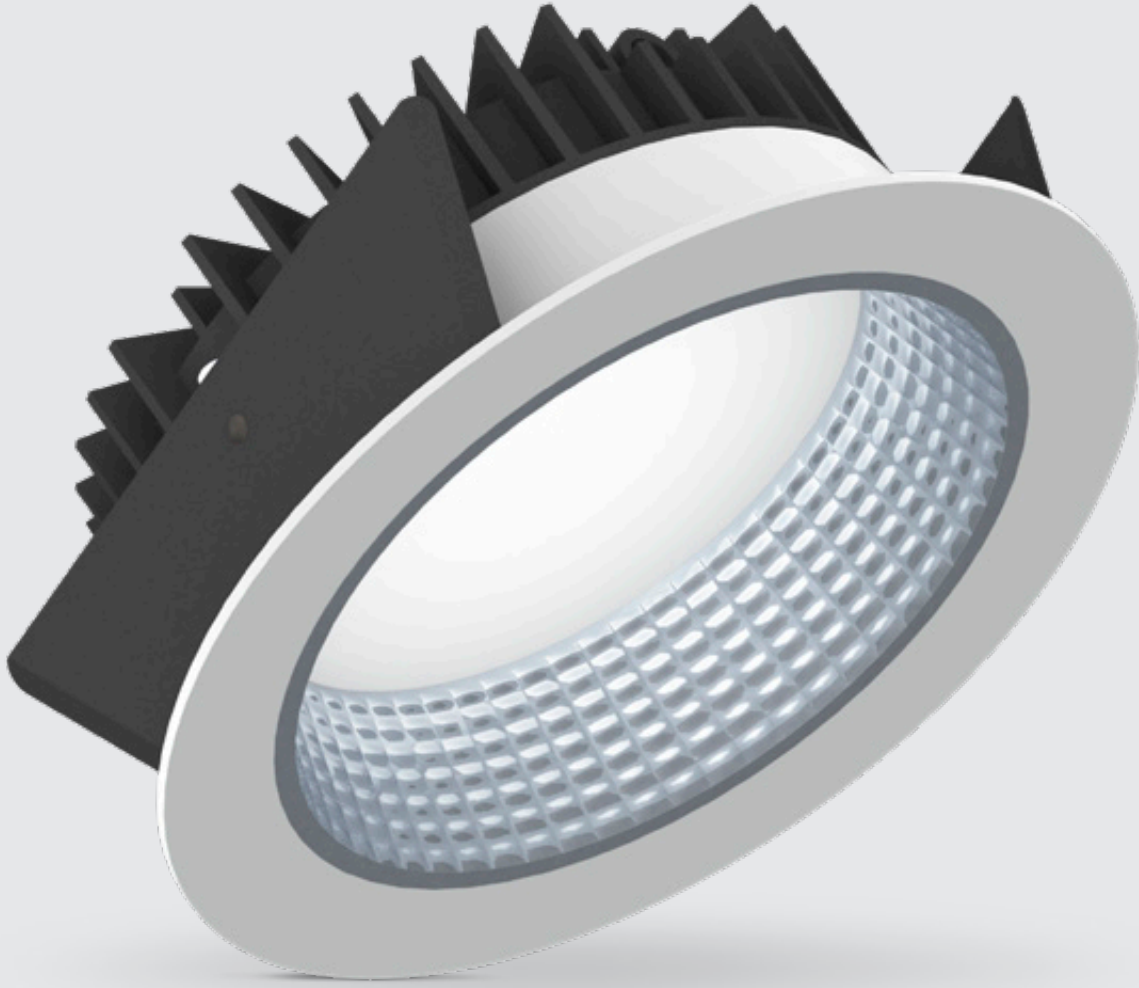
Description	Item code	Extra	Input	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Fluxe 185 HV-IC 1250 Lm 2700K Triac dim	827103XX4855	Incl. Conn.Box	220-240V	12.4	101	93	24.4	0.98	II
Fluxe 185 HV-IC 1250 Lm 3000K Triac dim	827103XX4955	Incl. Conn.Box	220-240V	11.5	109	83	24.4	0.98	II
Fluxe 185 HV-IC 1250 Lm 4000K Triac dim	827103XX5055	Incl. Conn.Box	220-240V	10.6	118	83	24.4	0.98	II
Fluxe 185 HV-IC 2000 Lm 2700K Triac dim	827903XX4855	Incl. Conn.Box	220-240V	20.8	96	93	26.1	0.98	II
Fluxe 185 HV-IC 2000 Lm 3000K Triac dim	827903XX4955	Incl. Conn.Box	220-240V	19.2	104	83	26.1	0.98	II
Fluxe 185 HV-IC 2000 Lm 4000K Triac dim	827903XX5055	Incl. Conn.Box	220-240V	17.7	113	83	26.1	0.98	II
Fluxe 185 MLM 2700 Lm 3000K No dim	826703XX6602	Incl. PSU	220-240V	20.0	135	83	27.1	0.95	I
Fluxe 185 MLM 2700 Lm 3000K 1-10V & Push	826703XX4302	Incl. PSU	220-240V	20.0	135	83	27.1	0.95	II
Fluxe 185 MLM 2700 Lm 3000K DALI	826703XX4602	Incl. PSU	220-240V	20.0	135	83	27.1	0.92	II
Fluxe 185 MLM 4000 Lm 3000K No dim	826803XX6602	Incl. PSU	220-240V	31.2	128	83	28.5	0.95	I
Fluxe 185 MLM 4000 Lm 3000K 1-10V & Push	826803XX4302	Incl. PSU	220-240V	31.2	128	83	28.5	0.95	II
Fluxe 185 MLM 4000 Lm 3000K DALI	826803XX4602	Incl. PSU	220-240V	31.2	128	83	28.5	0.95	II
Fluxe 185 MLM 5250 Lm 3000K No dim	826903XX6602	Incl. PSU	220-240V	42.4	124	83	29.4	0.98	I
Fluxe 185 MLM 5250 Lm 3000K 1-10V & Push	826903XX4302	Incl. PSU	220-240V	42.4	124	83	29.4	0.98	I
Fluxe 185 MLM 5250 Lm 3000K DALI	826903XX4602	Incl. PSU	220-240V	42.4	124	83	29.4	0.98	I
Fluxe 185 MLM 2850 Lm 4000K No dim	826703XX6702	Incl. PSU	220-240V	20.0	142	83	27.3	0.95	I
Fluxe 185 MLM 2850 Lm 4000K 1-10V & Push	826703XX4402	Incl. PSU	220-240V	20.0	142	83	27.3	0.95	II
Fluxe 185 MLM 2850 Lm 4000K DALI	826703XX4702	Incl. PSU	220-240V	20.0	142	83	27.3	0.92	II
Fluxe 185 MLM 4200 Lm 4000K No dim	826803XX6702	Incl. PSU	220-240V	31.2	135	83	28.6	0.95	I
Fluxe 185 MLM 4200 Lm 4000K 1-10V & Push	826803XX4402	Incl. PSU	220-240V	31.2	135	83	28.6	0.95	II
Fluxe 185 MLM 4200 Lm 4000K DALI	826803XX4702	Incl. PSU	220-240V	31.2	135	83	28.6	0.95	II
Fluxe 185 MLM 5500 Lm 4000K No dim	826903XX6702	Incl. PSU	220-240V	42.4	130	83	29.6	0.98	I
Fluxe 185 MLM 5500 Lm 4000K 1-10V & Push	826903XX4402	Incl. PSU	220-240V	42.4	130	83	29.6	0.98	I
Fluxe 185 MLM 5500 Lm 4000K DALI	826903XX4702	Incl. PSU	220-240V	42.4	130	83	29.6	0.98	I

All values are measured at 230V (+/- 7%). See page 190-191 for the dimmer list.



DOWNLIGHTS (LARGE)

CURION 185



ø 230 mm

COLOURS



Matt white
RAL 9016 (XX=MW)



Matt black
RAL 9005 (XX=BL)

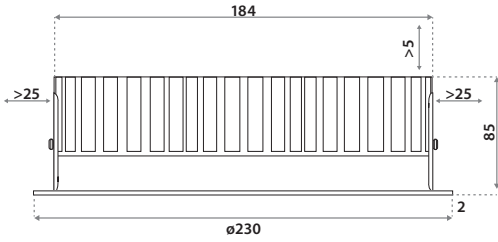
SPRINGS

No other springs
available.

FIXED

Curion 185

DIMENSIONS



SPECIFICATIONS

Colour white	Matt white RAL 9016 (XX=MW)
Colour black	Matt black RAL 9005 (XX=BL)
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
Energy class	A (HV-IC) / A+ (MLM)

CHOOSE YOUR MLM LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt	
			3000K	4000K	3000K	4000K
Special request	350	9.8	1400	1450	143	148
Special request	500	14.2	1950	2050	137	144
Standard	700	20.0	2700	2850	135	142
Special request	900	26.5	3450	3600	130	136
Standard	1050	31.2	4000	4200	128	135
Special request	1200	35.8	4500	4750	126	133
Standard	1400	42.4	5250	5500	124	130

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012



185 mm



185-205 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

IP44

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

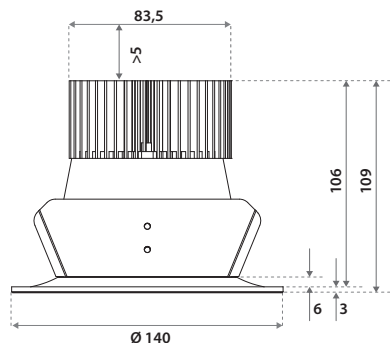
Description	Item code	Extra	Input	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Curion 185 HV-IC 1250 Lm 2700K Triac dim	957103XX4855	Incl. Conn.Box	220-240V	12.4	101	93	21.7	0.98	II
Curion 185 HV-IC 1250 Lm 3000K Triac dim	957103XX4955	Incl. Conn.Box	220-240V	11.5	109	83	21.7	0.98	II
Curion 185 HV-IC 1250 Lm 4000K Triac dim	957103XX5055	Incl. Conn.Box	220-240V	10.6	118	83	21.7	0.98	II
Curion 185 HV-IC 2000 Lm 2700K Triac dim	957903XX4855	Incl. Conn.Box	220-240V	20.8	96	93	23.4	0.98	II
Curion 185 HV-IC 2000 Lm 3000K Triac dim	957903XX4955	Incl. Conn.Box	220-240V	19.2	104	83	23.4	0.98	II
Curion 185 HV-IC 2000 Lm 4000K Triac dim	957903XX5055	Incl. Conn.Box	220-240V	17.7	113	83	23.4	0.98	II
Curion 185 MLM 2700 Lm 3000K No dim	956703XX6602	Incl. PSU	220-240V	20.0	135	83	24.4	0.95	I
Curion 185 MLM 2700 Lm 3000K 1-10V & Push	956703XX4302	Incl. PSU	220-240V	20.0	135	83	24.4	0.95	II
Curion 185 MLM 2700 Lm 3000K DALI	956703XX4602	Incl. PSU	220-240V	20.0	135	83	24.4	0.92	II
Curion 185 MLM 4000 Lm 3000K No dim	956803XX6602	Incl. PSU	220-240V	31.2	128	83	25.8	0.95	I
Curion 185 MLM 4000 Lm 3000K 1-10V & Push	956803XX4302	Incl. PSU	220-240V	31.2	128	83	25.8	0.95	II
Curion 185 MLM 4000 Lm 3000K DALI	956803XX4602	Incl. PSU	220-240V	31.2	128	83	25.8	0.95	II
Curion 185 MLM 5250 Lm 3000K No dim	956903XX6602	Incl. PSU	220-240V	42.4	124	83	26.7	0.98	I
Curion 185 MLM 5250 Lm 3000K 1-10V & Push	956903XX4302	Incl. PSU	220-240V	42.4	124	83	26.7	0.98	I
Curion 185 MLM 5250 Lm 3000K DALI	956903XX4602	Incl. PSU	220-240V	42.4	124	83	26.7	0.98	I
Curion 185 MLM 2850 Lm 4000K No dim	956703XX6702	Incl. PSU	220-240V	20.0	142	83	24.6	0.95	I
Curion 185 MLM 2850 Lm 4000K 1-10V & Push	956703XX4402	Incl. PSU	220-240V	20.0	142	83	24.6	0.95	II
Curion 185 MLM 2850 Lm 4000K DALI	956703XX4702	Incl. PSU	220-240V	20.0	142	83	24.6	0.92	II
Curion 185 MLM 4200 Lm 4000K No dim	956803XX6702	Incl. PSU	220-240V	31.2	135	83	25.9	0.95	I
Curion 185 MLM 4200 Lm 4000K 1-10V & Push	956803XX4402	Incl. PSU	220-240V	31.2	135	83	25.9	0.95	II
Curion 185 MLM 4200 Lm 4000K DALI	956803XX4702	Incl. PSU	220-240V	31.2	135	83	25.9	0.95	II
Curion 185 MLM 5500 Lm 4000K No dim	956903XX6702	Incl. PSU	220-240V	42.4	130	83	26.9	0.98	I
Curion 185 MLM 5500 Lm 4000K 1-10V & Push	956903XX4402	Incl. PSU	220-240V	42.4	130	83	26.9	0.98	I
Curion 185 MLM 5500 Lm 4000K DALI	956903XX4702	Incl. PSU	220-240V	42.4	130	83	26.9	0.98	I

All values are measured at 230V (+/- 7%). See page 190-191 for the dimmerlist.



Linea DS-FS 120

DIMENSIONS



For the DS-FS with CS springs and GS springs a minimum ceiling thickness of 9 mm is required. For thinner ceilings (<9 mm) ask our sales department.

CHOOSE YOUR LUMEN OUTPUT

	mA	W	Lumen Output			Lumen / Watt		
			CRI80	CRI96	CRI80	CRI80	CRI96	CRI80
			3000K	3000K	4000K	3000K	3000K	4000K
Special request	350	11.5	1500	1100	1650	130	96	143
Special request	500	15.6	2000	1450	2200	128	93	141
Special request	700	23.5	2700	2150	3150	115	91	134
Standard	800	27.9	3000	2500	3400	108	90	122
Special request	900	30.9	3400	2600	3850	110	84	125
Special request	1050	36.3	3750	2900	4400	103	80	121
Special request	1200	42.2	4250	3250	5000	101	77	118
Standard	1400	49.8	5000	3750	5700	100	75	114

SPECIFICATIONS

Colour white	Matt white RAL 9016 (XX=MW)
Colour black	Matt black RAL 9005 (XX=BL)
Beam angle (FWHM)	18° / 37° / 60° (On request 80°)
UGR (4H8H 70/50/20)	<19 (18° + 37°)
Fixture material	Die cast aluminium
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
Extra	HV-IC=Triac MLM=Incl. PSU
Safety class	I (HV-IC) / II (MLM)
Energy class	A (HV-IC) / A+ (MLM)

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 32)



120-130 mm



120 mm

120-130 mm: For soft ceiling tiles. We recommend using a ceiling ring on the reverse side of the tile.

120 mm: For plasterboard ceilings or similar harder materials thicker than 9 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.



Description Linea DS-FS	18°		37°		60°		mA	Vf	W	Lm/W	CRI (typ.)	Pf
	Item code	UGR	Item code	UGR	Item code	UGR						
MLM 3000 Lm 3000K CRI80 No dim	282003XXCA02	17.9	282003XXCB02	17.4	282003XXCC02	20.4	800	35.3	27.9	108	82	0.95
MLM 3000 Lm 3000K CRI80 1-10V & Push	282003XXNA02	17.9	282003XXNB02	17.4	282003XXNC02	20.4	800	35.3	27.9	108	82	0.95
MLM 3000 Lm 3000K CRI80 Dali	282003XXPA02	17.9	282003XXPB02	17.4	282003XXPC02	20.4	800	35.3	27.9	108	82	0.95
MLM 5000 Lm 3000K CRI80 No dim	282003XXCR02	17.7	282003XXCS02	17.8	282003XXCT02	22.2	1400	37.5	49.8	100	82	0.98
MLM 5000 Lm 3000K CRI80 1-10V & Push	282003XXNK02	17.7	282003XXNL02	17.8	282003XXNM02	22.2	1400	37.5	49.8	100	82	0.98
MLM 5000 Lm 3000K CRI80 Dali	282003XXPK02	17.7	282003XXPL02	17.8	282003XXPM02	22.2	1400	37.5	49.8	100	82	0.98
MLM 2500 Lm 3000K CRI96 No dim	282003XXCG02	17.3	282003XXCH02	16.8	282003XXCJ02	19.8	800	35.3	27.9	90	96	0.95
MLM 2500 Lm 3000K CRI96 1-10V & Push	282003XXNG02	17.3	282003XXNH02	16.8	282003XXNJ02	19.8	800	35.3	27.9	90	96	0.95
MLM 2500 Lm 3000K CRI96 Dali	282003XXPG02	17.3	282003XXPH02	16.8	282003XXPJ02	19.8	800	35.3	27.9	90	96	0.95
MLM 3750 Lm 3000K CRI96 No dim	282003XXFD02	15.7	282003XXFE02	16.8	282003XXFF02	21.2	1400	37.5	49.8	75	96	0.98
MLM 3750 Lm 3000K CRI96 1-10V & Push	282003XXNR02	15.7	282003XXNS02	16.8	282003XXNT02	21.2	1400	37.5	49.8	75	96	0.98
MLM 3750 Lm 3000K CRI96 Dali	282003XXPR02	15.7	282003XXPS02	16.8	282003XXPT02	21.2	1400	37.5	49.8	75	96	0.98
MLM 3400 Lm 4000K CRI80 No dim	282003XXCD02	18.1	282003XXCE02	17.6	282003XXCF02	20.9	800	35.3	27.9	122	82	0.95
MLM 3400 Lm 4000K CRI80 1-10V & Push	282003XXND02	18.1	282003XXNE02	17.6	282003XXNF02	20.9	800	35.3	27.9	122	82	0.95
MLM 3400 Lm 4000K CRI80 Dali	282003XXPD02	18.1	282003XXPE02	17.6	282003XXPF02	20.9	800	35.3	27.9	122	82	0.95
MLM 5700 Lm 4000K CRI80 No dim	282003XXCU02	17.2	282003XXCV02	18.2	282003XXCW02	22.6	1400	37.5	49.8	114	82	0.98
MLM 5700 Lm 4000K CRI80 1-10V & Push	282003XXNN02	17.2	282003XXNP02	18.2	282003XXNQ02	22.6	1400	37.5	49.8	114	82	0.98
MLM 5700 Lm 4000K CRI80 Dali	282003XXPN02	17.2	282003XXPP02	18.2	282003XXPQ02	22.6	1400	37.5	49.8	114	82	0.98

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



DOWNLIGHTS (LARGE)

LINEA DS-F 150



←-----→
ø 180 mm

COLOURS



Matt white
RAL 9016 (XX=MW)



Matt grey
RAL 9006 (XX=GR)



Matt black
RAL 9005 (XX=BL)

SPRINGS

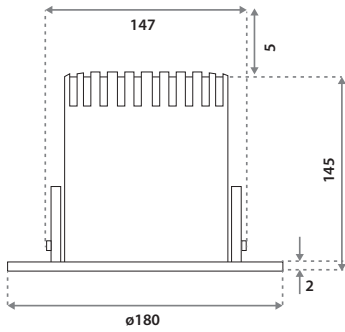


Standard with CS springs (concrete/gyproc).
Also available as above with GS springs
(gyproc), and WS springs (gyproc/metal).

FIXED

Linea DS-F 150

DIMENSIONS



CHOOSE YOUR LUMEN OUTPUT

	mA	W	Lumen Output			Lumen / Watt		
			CRI80	CRI96	CRI80	CRI80	CRI96	CRI80
			3000K	3000K	4000K	3000K	3000K	4000K
Special request	350	11.5	1500	1100	1650	130	96	143
Special request	500	15.6	2000	1450	2200	128	93	141
Special request	700	23.5	2700	2150	3150	115	91	134
Standard	800	27.9	3000	2500	3400	108	90	122
Special request	900	30.9	3400	2600	3850	110	84	125
Special request	1050	36.3	3750	2900	4400	103	80	121
Special request	1200	42.2	4250	3250	5000	101	77	118
Standard	1400	49.8	5000	3750	5700	100	75	114

SPECIFICATIONS

Colour white	Matt white RAL 9016 (XX=MW)
Colour grey	Matt grey RAL 9006 (XX=GR)
Colour black	Matt black RAL 9005 (XX=BL)
Beam angle (FWHM)	45° / 65°
UGR (4H8H 70/50/20)	<19 (18° + 37°)
Fixture material	Die cast aluminium
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
Energy class	A+

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 32)



160 mm



150-165 mm

160 mm: For soft ceiling tiles. We recommend using a wooden plate or a ceiling ring on the reverse side of the tile.

150-165 mm: For plasterboard ceilings or similar harder materials.

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.



ITEM SPECIFICATIONS

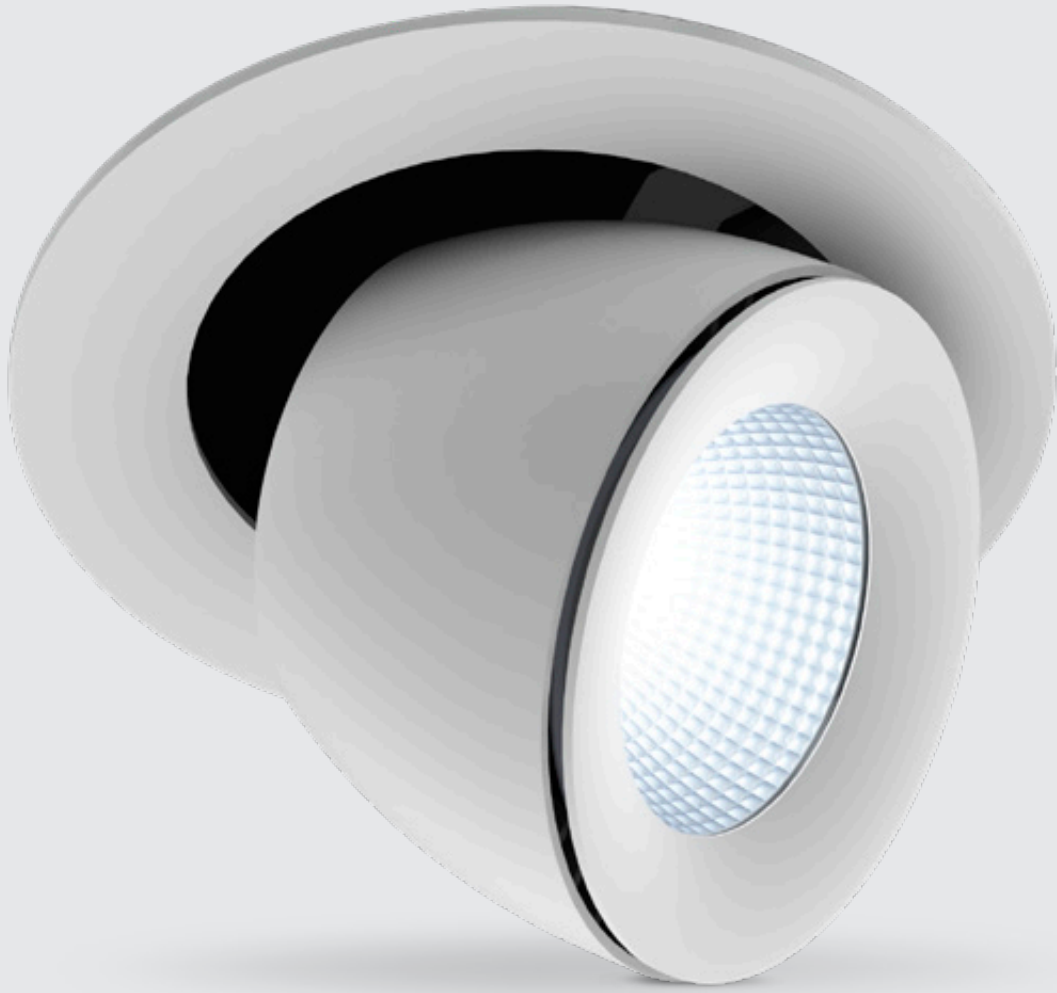
Description	45°		65°		Extra	mA	Vf	W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR								
Linea DS-F MLM 3000 Lm 3000K CRI80 No dim	180503XXJA02	15.6	180503XXJB02	18.5	Incl. PSU	800	35.3	27.9	108	82	0.95	II
Linea DS-F MLM 3000 Lm 3000K CRI80 1-10V & Push	180503XXN202	15.6	180503XXN302	18.5	Incl. PSU	800	35.3	27.9	108	82	0.95	II
Linea DS-F MLM 3000 Lm 3000K CRI80 Dali	180503XXP202	15.6	180503XXP302	18.5	Incl. PSU	800	35.3	27.9	108	82	0.95	II
Linea DS-F MLM 5000 Lm 3000K CRI80 No dim	180503XXCK02	17.4	180503XXCL02	20.3	Incl. PSU	1400	37.5	49.8	100	82	0.98	II
Linea DS-F MLM 5000 Lm 3000K CRI80 1-10V & Push	180503XXNU02	17.4	180503XXNV02	20.3	Incl. PSU	1400	37.5	49.8	100	82	0.98	II
Linea DS-F MLM 5000 Lm 3000K CRI80 Dali	180503XXPU02	17.4	180503XXPV02	20.3	Incl. PSU	1400	37.5	49.8	100	82	0.98	II
Linea DS-F MLM 2500 Lm 3000K CRI96 No dim	180503XXCX02	15.0	180503XXCY02	17.9	Incl. PSU	800	35.3	27.9	90	96	0.95	II
Linea DS-F MLM 2500 Lm 3000K CRI96 1-10V & Push	180503XXN002	15.0	180503XXNI02	17.9	Incl. PSU	800	35.3	27.9	90	96	0.95	II
Linea DS-F MLM 2500 Lm 3000K CRI96 Dali	180503XXP002	15.0	180503XXPI02	17.9	Incl. PSU	800	35.3	27.9	90	96	0.95	II
Linea DS-F MLM 3750 Lm 3000K CRI96 No dim	180503XXCP02	16.4	180503XXCQ02	19.3	Incl. PSU	1400	37.5	49.8	75	96	0.98	II
Linea DS-F MLM 3750 Lm 3000K CRI96 1-10V & Push	180503XXNY02	16.4	180503XXNZ02	19.3	Incl. PSU	1400	37.5	49.8	75	96	0.98	II
Linea DS-F MLM 3750 Lm 3000K CRI96 Dali	180503XXPY02	16.4	180503XXPZ02	19.3	Incl. PSU	1400	37.5	49.8	75	96	0.98	II
Linea DS-F MLM 3400 Lm 4000K CRI80 No dim	180503XXJC02	16.0	180503XXJD02	18.9	Incl. PSU	800	35.3	27.9	122	82	0.95	II
Linea DS-F MLM 3400 Lm 4000K CRI80 1-10V & Push	180503XXN402	16.0	180503XXN502	18.9	Incl. PSU	800	35.3	27.9	122	82	0.95	II
Linea DS-F MLM 3400 Lm 4000K CRI80 Dali	180503XXP402	16.0	180503XXP502	18.9	Incl. PSU	800	35.3	27.9	122	82	0.95	II
Linea DS-F MLM 5700 Lm 4000K CRI80 No dim	180503XXCM02	17.8	180503XXCN02	20.7	Incl. PSU	1400	37.5	49.8	114	82	0.98	II
Linea DS-F MLM 5700 Lm 4000K CRI80 1-10V & Push	180503XXNW02	17.8	180503XXNX02	20.7	Incl. PSU	1400	37.5	49.8	114	82	0.98	II
Linea DS-F MLM 5700 Lm 4000K CRI80 Dali	180503XXPW02	17.8	180503XXPX02	20.7	Incl. PSU	1400	37.5	49.8	114	82	0.98	II

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



DOWNLIGHTS (LARGE)

LINEA DS-A 195



← →
ø 205 mm

COLOURS



Matt white
RAL 9016 (XX=MW)



Matt black
RAL 9005 (XX=BL)

SPRINGS

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

ADJUSTABLE

Linea DS-A 195

SPECIFICATIONS

Colour white	Matt white RAL 9016 (XX=MW)
Colour black	Matt black RAL 9005 (XX=BL)
Beam angle (FWHM)	18° / 37° / 60°
UGR (4H8H 70/50/20)	<19 (18° + 37°)
Fixture material	Die cast aluminium
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Extra	Incl. PSU
Safety class	II
Energy class	A+

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 32)

TUNABLE
WHITE

LUXEON
STYLIST
SERIE



195 mm

IP20

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



7 YEAR
WARRANTY

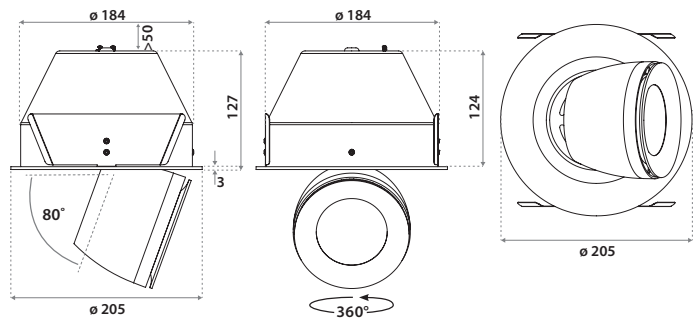
ECO

TE

UGR
<19

LUMILEDS TE TCI

DIMENSIONS



CHOOSE YOUR LUMEN OUTPUT

	mA	W	Lumen Output			Lumen / Watt		
			CRI80	CRI96	CRI80	CRI80	CRI96	CRI80
			3000K	3000K	4000K	3000K	3000K	4000K
Special request	350	11.5	1500	1100	1650	130	96	143
Special request	500	15.6	2000	1450	2200	128	93	141
Special request	700	23.5	2700	2150	3150	115	91	134
Standard	800	27.9	3000	2500	3400	108	90	122
Special request	900	30.9	3400	2600	3850	110	84	125
Special request	1050	36.3	3750	2900	4400	103	80	121
Special request	1200	42.2	4250	3250	5000	101	77	118
Standard	1400	49.8	5000	3750	5700	100	75	114

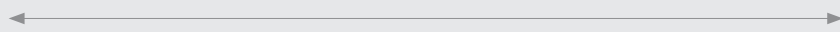
Description Linea DS-A 195	18°		37°		60°		mA	Vf	W	Lm/W	CRI (typ.)	Pf
	Item code	UGR	Item code	UGR	Item code	UGR						
MLM 3000 Lm 3000K CRI80 No dim	130603XXCA02	17.9	130603XXCB02	17.4	130603XXCC02	20.4	800	35.3	27.9	108	82	0.95
MLM 3000 Lm 3000K CRI80 1-10V & Push	130603XXNA02	17.9	130603XXNB02	17.4	130603XXNC02	20.4	800	35.3	27.9	108	82	0.95
MLM 3000 Lm 3000K CRI80 Dali	130603XXPA02	17.9	130603XXPB02	17.4	130603XXPC02	20.4	800	35.3	27.9	108	82	0.95
MLM 5000 Lm 3000K CRI80 No dim	130603XXCR02	17.7	130603XXCS02	17.8	130603XXCT02	22.2	1400	37.5	49.8	100	82	0.98
MLM 5000 Lm 3000K CRI80 1-10V & Push	130603XXNK02	17.7	130603XXNL02	17.8	130603XXNM02	22.2	1400	37.5	49.8	100	82	0.98
MLM 5000 Lm 3000K CRI80 Dali	130603XXPK02	17.7	130603XXPL02	17.8	130603XXPM02	22.2	1400	37.5	49.8	100	82	0.98
MLM 2500 Lm 3000K CRI96 No dim	130603XXCG02	17.3	130603XXCH02	16.8	130603XXCJ02	19.8	800	35.3	27.9	90	96	0.95
MLM 2500 Lm 3000K CRI96 1-10V & Push	130603XXNG02	17.3	130603XXNH02	16.8	130603XXNJ02	19.8	800	35.3	27.9	90	96	0.95
MLM 2500 Lm 3000K CRI96 Dali	130603XXPG02	17.3	130603XXPH02	16.8	130603XXPJ02	19.8	800	35.3	27.9	90	96	0.95
MLM 3750 Lm 3000K CRI96 No dim	130603XXFD02	15.7	130603XXFE02	16.8	130603XXFF02	21.2	1400	37.5	49.8	75	96	0.98
MLM 3750 Lm 3000K CRI96 1-10V & Push	130603XXNR02	15.7	130603XXNS02	16.8	130603XXNT02	21.2	1400	37.5	49.8	75	96	0.98
MLM 3750 Lm 3000K CRI96 Dali	130603XXPR02	15.7	130603XXPS02	16.8	130603XXPT02	21.2	1400	37.5	49.8	75	96	0.98
MLM 3400 Lm 4000K CRI80 No dim	130603XXCD02	18.1	130603XXCE02	17.6	130603XXCF02	20.9	800	35.3	27.9	122	82	0.95
MLM 3400 Lm 4000K CRI80 1-10V & Push	130603XXND02	18.1	130603XXNE02	17.6	130603XXNF02	20.9	800	35.3	27.9	122	82	0.95
MLM 3400 Lm 4000K CRI80 Dali	130603XXPD02	18.1	130603XXPE02	17.6	130603XXPF02	20.9	800	35.3	27.9	122	82	0.95
MLM 5700 Lm 4000K CRI80 No dim	130603XXCU02	17.2	130603XXCV02	18.2	130603XXCW02	22.6	1400	37.5	49.8	114	82	0.98
MLM 5700 Lm 4000K CRI80 1-10V & Push	130603XXNU02	17.2	130603XXNV02	18.2	130603XXNQ02	22.6	1400	37.5	49.8	114	82	0.98
MLM 5700 Lm 4000K CRI80 Dali	130603XXPU02	17.2	130603XXPV02	18.2	130603XXPQ02	22.6	1400	37.5	49.8	114	82	0.98

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



DOWNLIGHTS (LARGE)

LINEA DS-AT 425X235

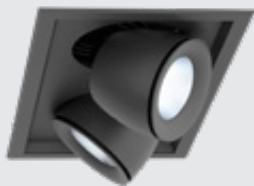


425 x 235 mm

COLOURS



Matt white
RAL 9016 (XX=MW)



Matt black
RAL 9005 (XX=BL)

SPRINGS

No other springs
available.

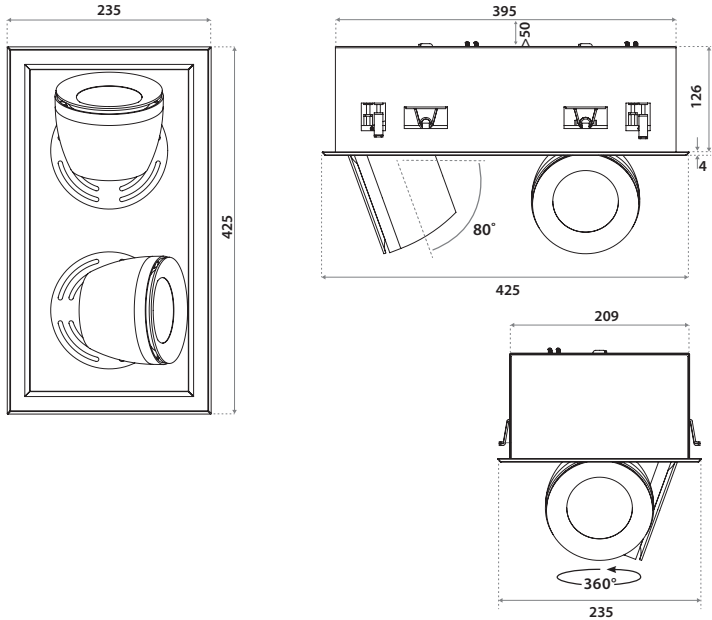
ADJUSTABLE TWIN

Linea DS-AT 425x235

SPECIFICATIONS

Colour white	Matt white RAL 9016 (XX=MW)
Colour black	Matt black RAL 9005 (XX=BL)
Beam angle (FWHM)	18° / 37° / 60°
UGR (4H8H 70/50/20)	<19 (18° + 37°)
Fixture material	Die cast aluminium
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Extra	Incl. PSU
Safety class	II
Energy class	A+

DIMENSIONS



This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

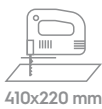
EU 874/2012

Ask our sales department about the possibilities for:

- Tuneable white 2700-6500K.
- Extra LED options from the LUXEON Stylist Series (see page 32)

TUNABLE
WHITE

LUXEON
STYLIST
SERIE



410x220 mm

IP20

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



CHOOSE YOUR LUMEN OUTPUT

	mA	W	Lumen Output			Lumen / Watt		
			CRI80	CRI96	CRI80	CRI80	CRI96	CRI80
			3000K	3000K	4000K	3000K	3000K	4000K
Special request	350	11.5	1500	1100	1650	130	96	143
Special request	500	15.6	2000	1450	2200	128	93	141
Special request	700	23.5	2700	2150	3150	115	91	134
Standard	800	27.9	3000	2500	3400	108	90	122
Special request	900	30.9	3400	2600	3850	110	84	125
Special request	1050	36.3	3750	2900	4400	103	80	121
Special request	1200	42.2	4250	3250	5000	101	77	118
Standard	1400	49.8	5000	3750	5700	100	75	114

LUMILEDS TE TCI

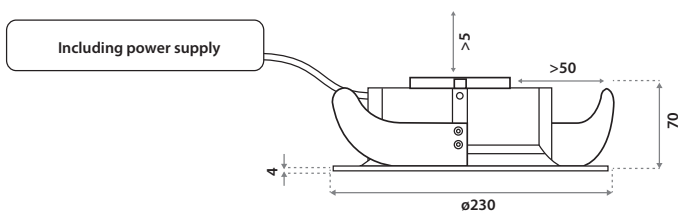
Description Linea DS-AT	18°		37°		60°		mA	Vf	W	Lm/W	CRI (typ.)	Pf
	Item code	UGR	Item code	UGR	Item code	UGR						
MLM 2x 3000 Lm 3000K CRI80 No dim	190703XXEA02	17.9	190703XXEB02	17.4	190703XXEC02	20.4	800	35.3	27.9	108	82	0.95
MLM 2x 3000 Lm 3000K CRI80 1-10V & Push	190703XXQA02	17.9	190703XXQB02	17.4	190703XXQC02	20.4	800	35.3	27.9	108	82	0.95
MLM 2x 3000 Lm 3000K CRI80 Dali	190703XXRA02	17.9	190703XXRB02	17.4	190703XXRC02	20.4	800	35.3	27.9	108	82	0.95
MLM 2x 5000 Lm 3000K CRI80 No dim	190703XXER02	17.7	190703XXES02	17.8	190703XXET02	22.2	1400	37.5	49.8	100	82	0.98
MLM 2x 5000 Lm 3000K CRI80 1-10V & Push	190703XXQK02	17.7	190703XXQL02	17.8	190703XXQM02	22.2	1400	37.5	49.8	100	82	0.98
MLM 2x 5000 Lm 3000K CRI80 Dali	190703XXRK02	17.7	190703XXRL02	17.8	190703XXRM02	22.2	1400	37.5	49.8	100	82	0.98
MLM 2x 2500 Lm 3000K CRI96 No dim	190703XXEG02	17.3	190703XXEH02	16.8	190703XXEJ02	19.8	800	35.3	27.9	90	96	0.95
MLM 2x 2500 Lm 3000K CRI96 1-10V & Push	190703XXQG02	17.3	190703XXQH02	16.8	190703XXQJ02	19.8	800	35.3	27.9	90	96	0.95
MLM 2x 2500 Lm 3000K CRI96 Dali	190703XXRG02	17.3	190703XXRH02	16.8	190703XXRJ02	19.8	800	35.3	27.9	90	96	0.95
MLM 2x 3750 Lm 3000K CRI96 No dim	190703XXFG02	15.7	190703XXFH02	16.8	190703XXFJ02	21.2	1400	37.5	49.8	75	96	0.98
MLM 2x 3750 Lm 3000K CRI96 1-10V & Push	190703XXQR02	15.7	190703XXQS02	16.8	190703XXQT02	21.2	1400	37.5	49.8	75	96	0.98
MLM 2x 3750 Lm 3000K CRI96 Dali	190703XXRR02	15.7	190703XXRS02	16.8	190703XXRT02	21.2	1400	37.5	49.8	75	96	0.98
MLM 2x 3400 Lm 4000K CRI80 No dim	190703XXED02	18.1	190703XXEE02	17.6	190703XXEF02	20.9	800	35.3	27.9	122	82	0.95
MLM 2x 3400 Lm 4000K CRI80 1-10V & Push	190703XXQD02	18.1	190703XXQE02	17.6	190703XXQF02	20.9	800	35.3	27.9	122	82	0.95
MLM 2x 3400 Lm 4000K CRI80 Dali	190703XXRD02	18.1	190703XXRE02	17.6	190703XXRF02	20.9	800	35.3	27.9	122	82	0.95
MLM 2x 5700 Lm 4000K CRI80 No dim	190703XXEU02	17.2	190703XXEV02	18.2	190703XXEW02	22.6	1400	37.5	49.8	114	82	0.98
MLM 2x 5700 Lm 4000K CRI80 1-10V & Push	190703XXQN02	17.2	190703XXQP02	18.2	190703XXQQ02	22.6	1400	37.5	49.8	114	82	0.98
MLM 2x 5700 Lm 4000K CRI80 Dali	190703XXRN02	17.2	190703XXRP02	18.2	190703XXRQ02	22.6	1400	37.5	49.8	114	82	0.98

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



Linea 185 LV-HE+PS

DIMENSIONS



SPECIFICATIONS

Colour white	Matt white RAL 9016 (XX=MW)
Colour black	Matt black RAL 9005 (XX=BL)
Beam angle (FWHM)	80°
Fixture material	Die cast aluminium
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
Safety class	I (No dim 1400 Lm) / II
Energy class	A+

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



170-175 mm



185-210 mm

170-175 mm: For soft ceiling tiles. Turn the ring on the front counterclockwise after installation. We recommend taking down the ceiling tile before installing the product.
185-210 mm: For plasterboard ceilings or similar harder materials.

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.



ITEM SPECIFICATIONS

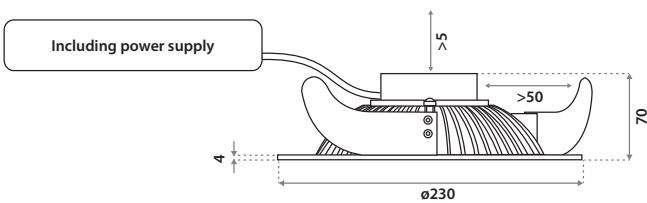
Description	No dim		1-10V & Push		DALI		Extra	Input	W	Lm/W	CRI (typ.)
	Item code	Pf	Item code	Pf	Item code	Pf					
Linea 185 LV-HE+PS 1400 Lm 2700K	74DA03XX6202	0.97	74DA03XX3202	0.95	74DA03XX3502	0.92	Incl. PSU	220-240V	12.7	110	95
Linea 185 LV-HE+PS 1400 Lm 3000K	74DA03XX6302	0.97	74DA03XX3302	0.95	74DA03XX3602	0.92	Incl. PSU	220-240V	12.7	110	95
Linea 185 LV-HE+PS 1400 Lm 4000K	74DA03XX6402	0.97	74DA03XX3402	0.95	74DA03XX3702	0.92	Incl. PSU	220-240V	12.7	110	95
Linea 185 LV-HE+PS 2200 Lm 2700K	74DB03XX6202	0.95	74DB03XX3202	0.95	74DB03XX3502	0.92	Incl. PSU	220-240V	20.0	110	95
Linea 185 LV-HE+PS 2200 Lm 3000K	74DB03XX6302	0.95	74DB03XX3302	0.95	74DB03XX3602	0.92	Incl. PSU	220-240V	20.0	110	95
Linea 185 LV-HE+PS 2200 Lm 4000K	74DB03XX6402	0.95	74DB03XX3402	0.95	74DB03XX3702	0.92	Incl. PSU	220-240V	20.0	110	95
Linea 185 LV-HE+PS 3500 Lm 2700K	74DC03XX6202	0.95	74DC03XX3202	0.95	74DC03XX3502	0.95	Incl. PSU	220-240V	31.8	110	95
Linea 185 LV-HE+PS 3500 Lm 3000K	74DC03XX6302	0.95	74DC03XX3302	0.95	74DC03XX3602	0.95	Incl. PSU	220-240V	31.8	110	95
Linea 185 LV-HE+PS 3500 Lm 4000K	74DC03XX6402	0.95	74DC03XX3402	0.95	74DC03XX3702	0.95	Incl. PSU	220-240V	31.8	110	95

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



Curion 185 LV-HE+PS

DIMENSIONS



SPECIFICATIONS

Colour white	Matt white RAL 9016 (XX=MW)
Colour black	Matt black RAL 9005 (XX=BL)
Beam angle (FWHM)	80°
Fixture material	Die cast aluminium
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
Safety class	I (No dim 1400 Lm) / II
Energy class	A+

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012



185-190 mm



185-210 mm

185-190 mm: For soft mineral ceilings, turn the front ring counterclockwise after installation. We recommend removing the designated tile from the ceiling when installing the luminaire.

185-210 mm: For plasterboard ceilings or similar harder materials.

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.



ITEM SPECIFICATIONS

Description	No dim		1-10V & Push		DALI		Extra	Input	W	Lm/W	CRI (typ.)
	Item code	Pf	Item code	Pf	Item code	Pf					
Curion 185 LV-HE+PS 1400 Lm 2700K	98DA03XX6202	0.97	98DA03XX3202	0.95	98DA03XX3502	0.92	Incl. PSU	220-240V	12.7	110	95
Curion 185 LV-HE+PS 1400 Lm 3000K	98DA03XX6302	0.97	98DA03XX3302	0.95	98DA03XX3602	0.92	Incl. PSU	220-240V	12.7	110	95
Curion 185 LV-HE+PS 1400 Lm 4000K	98DA03XX6402	0.97	98DA03XX3402	0.95	98DA03XX3702	0.92	Incl. PSU	220-240V	12.7	110	95
Curion 185 LV-HE+PS 2200 Lm 2700K	98DB03XX6202	0.95	98DB03XX3202	0.95	98DB03XX3502	0.92	Incl. PSU	220-240V	20.0	110	95
Curion 185 LV-HE+PS 2200 Lm 3000K	98DB03XX6302	0.95	98DB03XX3302	0.95	98DB03XX3602	0.92	Incl. PSU	220-240V	20.0	110	95
Curion 185 LV-HE+PS 2200 Lm 4000K	98DB03XX6402	0.95	98DB03XX3402	0.95	98DB03XX3702	0.92	Incl. PSU	220-240V	20.0	110	95
Curion 185 LV-HE+PS 3500 Lm 2700K	98DC03XX6202	0.95	98DC03XX3202	0.95	98DC03XX3502	0.95	Incl. PSU	220-240V	31.8	110	95
Curion 185 LV-HE+PS 3500 Lm 3000K	98DC03XX6302	0.95	98DC03XX3302	0.95	98DC03XX3602	0.95	Incl. PSU	220-240V	31.8	110	95
Curion 185 LV-HE+PS 3500 Lm 4000K	98DC03XX6402	0.95	98DC03XX3402	0.95	98DC03XX3702	0.95	Incl. PSU	220-240V	31.8	110	95

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



DOWNLIGHTS (LARGE)

CURION 185 LV-HE+PS



FIXED



Downlights

-
Mileta headquarter Hořice Tsjechië
Curion 185 LV-HE+PS

SENSOR EQUIPPED DOWNLIGHTS

SENSORSTRADA 75



↔
ø 81 mm

COLOURS



Matt black
RAL 9005



Matt white
RAL 9016



61



63



64



62



71



74



75



72

SPRINGS

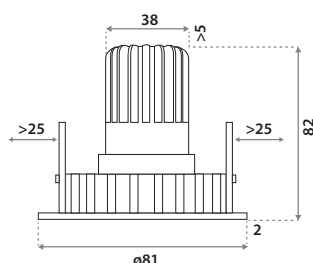


Standard with CS springs
(concrete/gypoc).
Also available as above with
WS springs (gypoc/metal).

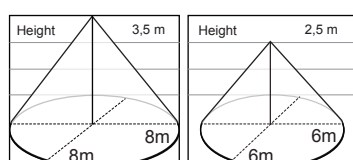
FIXED

SensorStrada 75

DIMENSIONS



DETECTION AREA



SPECIFICATIONS

Colour(s)	Housing / Reflector ring Matt white RAL9016 / Gold (XX=61) Matt white RAL9016 / Silver (XX=63) Matt white RAL9016 / Copper (XX=64) Matt white RAL9016 / Black (XX=62) Matt black RAL9005 / Gold (XX=71) Matt black RAL9005 / Silver (XX=74) Matt black RAL9005 / Copper (XX=75) Matt black RAL9005 / Black (XX=72)
Beam angle (FWHM)	24° / 60°
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
Energy class	A

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012



75 mm

IP20



Sensor luminaires turn on for 4 minutes after detecting movement. A different time can be set for large orders.



ITEM SPECIFICATIONS

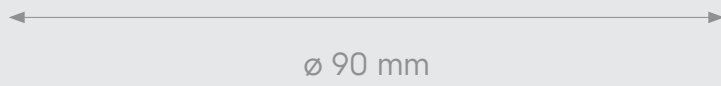
Description	Item code	Extra	Input	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
SensorStrada 75 LV 600 Lm 3000K 24°	857203XX8714	Incl. PSU	220-240V	8	75	83	16.2	0.6	II
SensorStrada 75 LV 600 Lm 3000K 60°	857203XX8814	Incl. PSU	220-240V	8	75	83	22.0	0.6	II
SensorStrada 75 LV 600 Lm 4000K 24°	857203XX9714	Incl. PSU	220-240V	8	75	83	16.2	0.6	II
SensorStrada 75 LV 600 Lm 4000K 60°	857203XX9814	Incl. PSU	220-240V	8	75	83	22.0	0.6	II

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



SENSOR EQUIPPED DOWNLIGHTS

SENSOROMEGA 75



COLOURS



Matt black
RAL 9005



Matt white
RAL 9016



61



63



64



62



71



74



75



72

SPRINGS

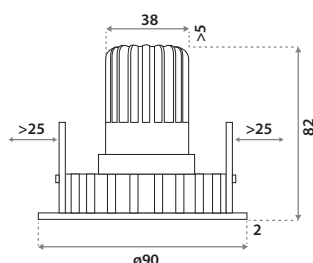


Standard with CS springs
(concrete/gypoc).
Also available as above with
WS springs (gypoc/metal).

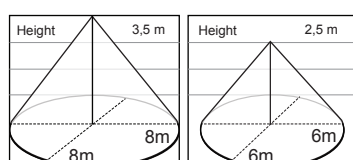
FIXED

SensorOmega 75

DIMENSIONS



DETECTION AREA



SPECIFICATIONS

Colour(s)	Housing / Reflector ring Matt white RAL9016 / Gold (XX=61) Matt white RAL9016 / Silver (XX=63) Matt white RAL9016 / Copper (XX=64) Matt white RAL9016 / Black (XX=62) Matt black RAL9005 / Gold (XX=71) Matt black RAL9005 / Silver (XX=74) Matt black RAL9005 / Copper (XX=75) Matt black RAL9005 / Black (XX=72)
Beam angle (FWHM)	24° / 60°
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
Energy class	A

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012



75 mm

IP20



Sensor luminaires turn on for 4 minutes after detecting movement. A different time can be set for large orders.



TE SBC TCI NICHIA

ITEM SPECIFICATIONS

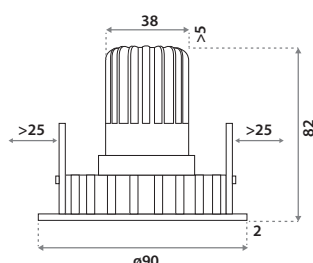
Description	Item code	Extra	Input	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
SensorOmega 75 LV 600 Lm 3000K 24°	VV7203XX8714	Incl. PSU	220-240V	8	75	83	16.2	0.6	II
SensorOmega 75 LV 600 Lm 3000K 60°	VV7203XX8814	Incl. PSU	220-240V	8	75	83	22.0	0.6	II
SensorOmega 75 LV 600 Lm 4000K 24°	VV7203XX9714	Incl. PSU	220-240V	8	75	83	16.2	0.6	II
SensorOmega 75 LV 600 Lm 4000K 60°	VV7203XX9814	Incl. PSU	220-240V	8	75	83	22.0	0.6	II

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

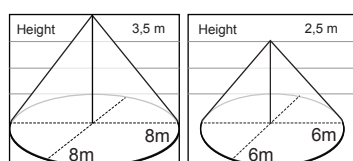


SensorCurion 75

DIMENSIONS



DETECTION AREA



SPECIFICATIONS

Colour white	Matt white RAL 9016 (XX=MW)
Colour grey	Matt grey RAL 9006 (XX=GR)
Colour black	Matt black RAL 9005 (XX=BL)
Beam angle (FWHM)	24° / 60°
Fixture material	Die cast aluminium
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Energy class	A

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

EU 874/2012



75 mm



IP20



4 MIN

Sensor luminaires turn on for 4 minutes after detecting movement. A different time can be set for large orders.



TE SHC TCI NICHIA

ITEM SPECIFICATIONS

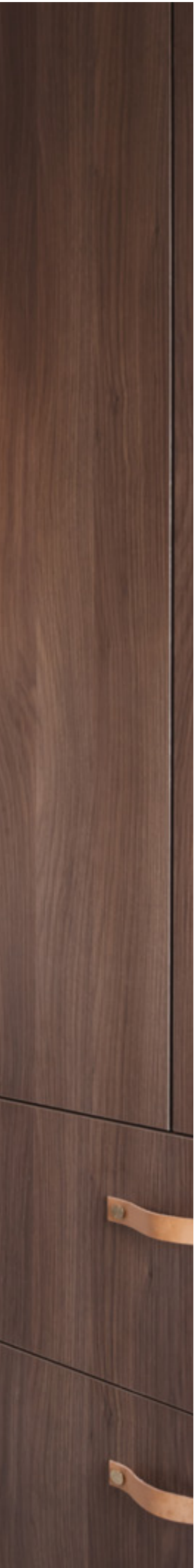
Description	Item code	Extra	Input	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Sensorcurion 75 LV 600 Lm 3000K 24°	947203XX8714	Incl. PSU	220-240V	8	75	83	16.2	0.6	II
Sensorcurion 75 LV 600 Lm 3000K 60°	947203XX8814	Incl. PSU	220-240V	8	75	83	22.0	0.6	II
Sensorcurion 75 LV 600 Lm 4000K 24°	947203XX9714	Incl. PSU	220-240V	8	75	83	16.2	0.6	II
Sensorcurion 75 LV 600 Lm 4000K 60°	947203XX9814	Incl. PSU	220-240V	8	75	83	22.0	0.6	II

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



SENSORCURION 75

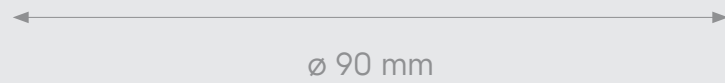
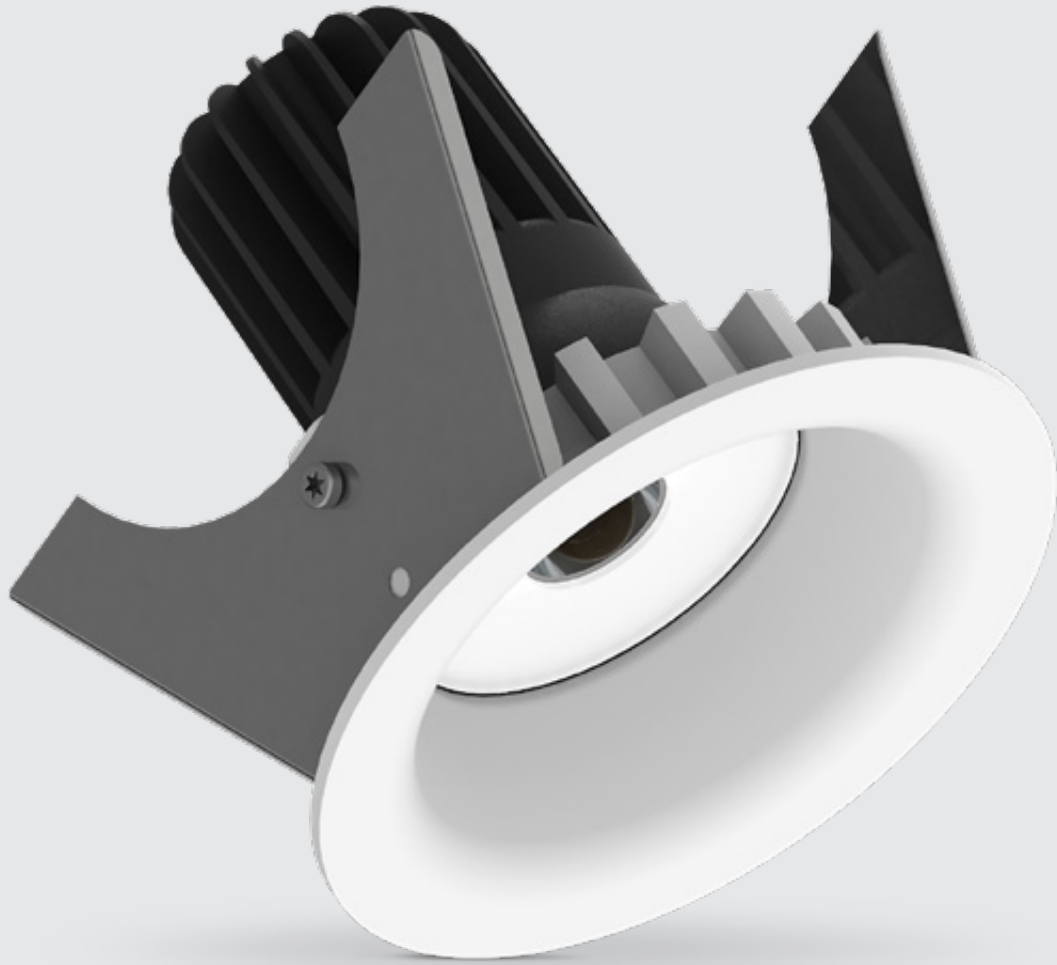




Sensor equipped downlights
-
SensorCurion 75

SENSOR EQUIPPED DOWNLIGHTS

SENSORLINEA 75



COLOURS

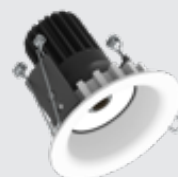


Matt white
RAL 9016 (XX=MW)



Matt black
RAL 9005 (XX=BL)

SPRINGS

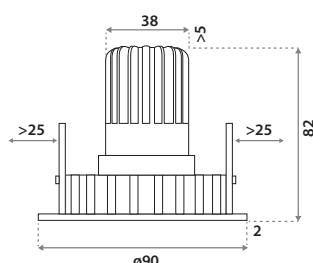


Standard with CS springs (concrete/gyproc).
Also available as above with
WS springs (gyproc/metal).

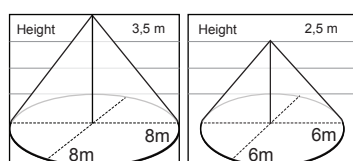
FIXED

SensorLinea 75

DIMENSIONS



DETECTION AREA



SPECIFICATIONS

Colour white	Matt white RAL 9016 (XX=MW)
Colour black	Matt black RAL 9005 (XX=BL)
Beam angle (FWHM)	24° / 60°
Fixture material	Die cast aluminium
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Energy class	A

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



75 mm



IP20



4 MIN

Sensor luminaires turn on for 4 minutes after detecting movement. A different time can be set for large orders.



MADE IN HOLLAND



7 YEAR WARRANTY



ECO



TE



ITEM SPECIFICATIONS

Description	Item code	Extra	Input	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Sensorlinea 75 LV-600 Lm 3000K 24°	917203XX8714	Incl. PSU	220-240V	8	75	83	17.1	0.6	II
Sensorlinea 75 LV-600 Lm 3000K 60°	917203XX8814	Incl. PSU	220-240V	8	75	83	23.4	0.6	II
Sensorlinea 75 LV-600 Lm 4000K 24°	917203XX9714	Incl. PSU	220-240V	8	75	83	17.1	0.6	II
Sensorlinea 75 LV-600 Lm 4000K 60°	917203XX9814	Incl. PSU	220-240V	8	75	83	23.4	0.6	II

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



SENSOR EQUIPPED DOWNLIGHTS

LM SENSORTUNE

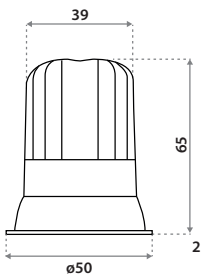


← →
ø 50 mm

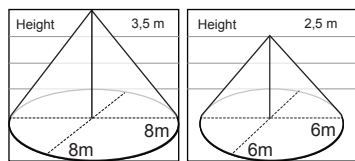
FIXED

LM SensorTune 50

DIMENSIONS




DETECTION AREA



SPECIFICATIONS

Colour black	Matt black RAL 9005 (XX=BL)
Beam angle (FWHM)	24° / 60°
Fixture material	Die cast aluminium
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Energy class	A

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. A different time can be set for large orders.



ITEM SPECIFICATIONS

Description	Item code	Extra	Input	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
LM SensorTune 50 LV 24° 3000K	100203BL8214	Incl. PSU	220-240V	8	75	83	19.9	0.6	II
LM SensorTune 50 LV 60° 3000K	100203BL9114	Incl. PSU	220-240V	8	75	83	25.2	0.6	II
LM SensorTune 50 LV 24° 4000K	100203BL8914	Incl. PSU	220-240V	8	75	83	19.9	0.6	II
LM SensorTune 50 LV 60° 4000K	100203BL9214	Incl. PSU	220-240V	8	75	83	25.2	0.6	II

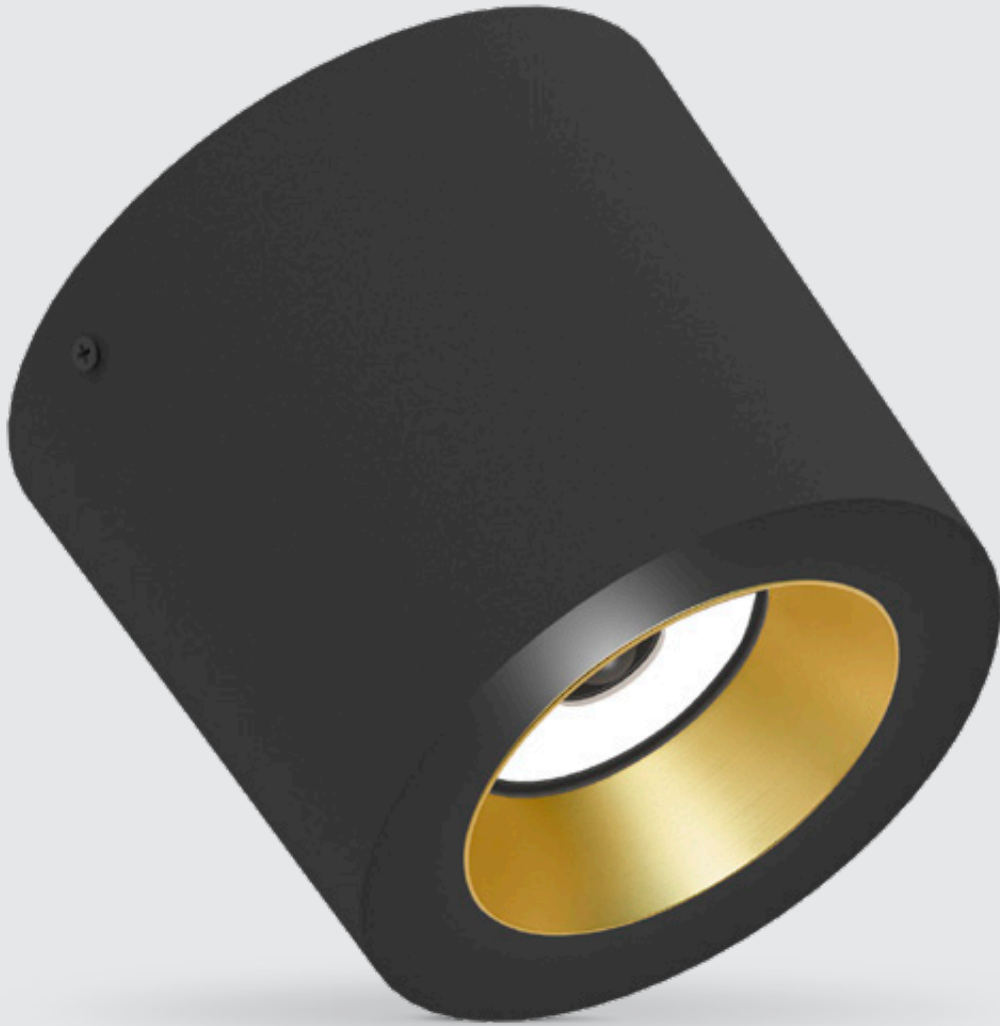
All values are measured at 230V (+/- 7%).



SENSOR EQUIPPED DOWNLIGHTS

NEW

SENSORVECTOR 100



← →
ø 103 mm

COLOURS



Matt black
RAL 9005



Matt white
RAL 9016



61



71



63



74



64



75



62

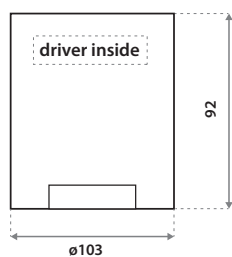


72

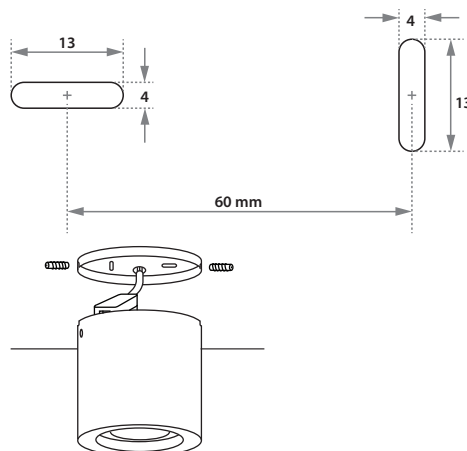
SURFACE MOUNTED

SensorVector 100

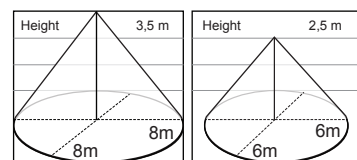
DIMENSIONS



FIXATION DIMENSIONS



DETECTION AREA



SPECIFICATIONS

Colour(s)	Housing / Reflector ring Matt white RAL9016 / Gold (XX=61) Matt white RAL9016 / Silver (XX=63) Matt white RAL9016 / Copper (XX=64) Matt white RAL9016 / Black (XX=62) Matt black RAL9005 / Gold (XX=71) Matt black RAL9005 / Silver (XX=74) Matt black RAL9005 / Copper (XX=75) Matt black RAL9005 / Black (XX=72)
Beam angle (FWHM)	60°
Fixture material	Die cast aluminium
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Energy class	A

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. A different time can be set for large orders.



ITEM SPECIFICATIONS

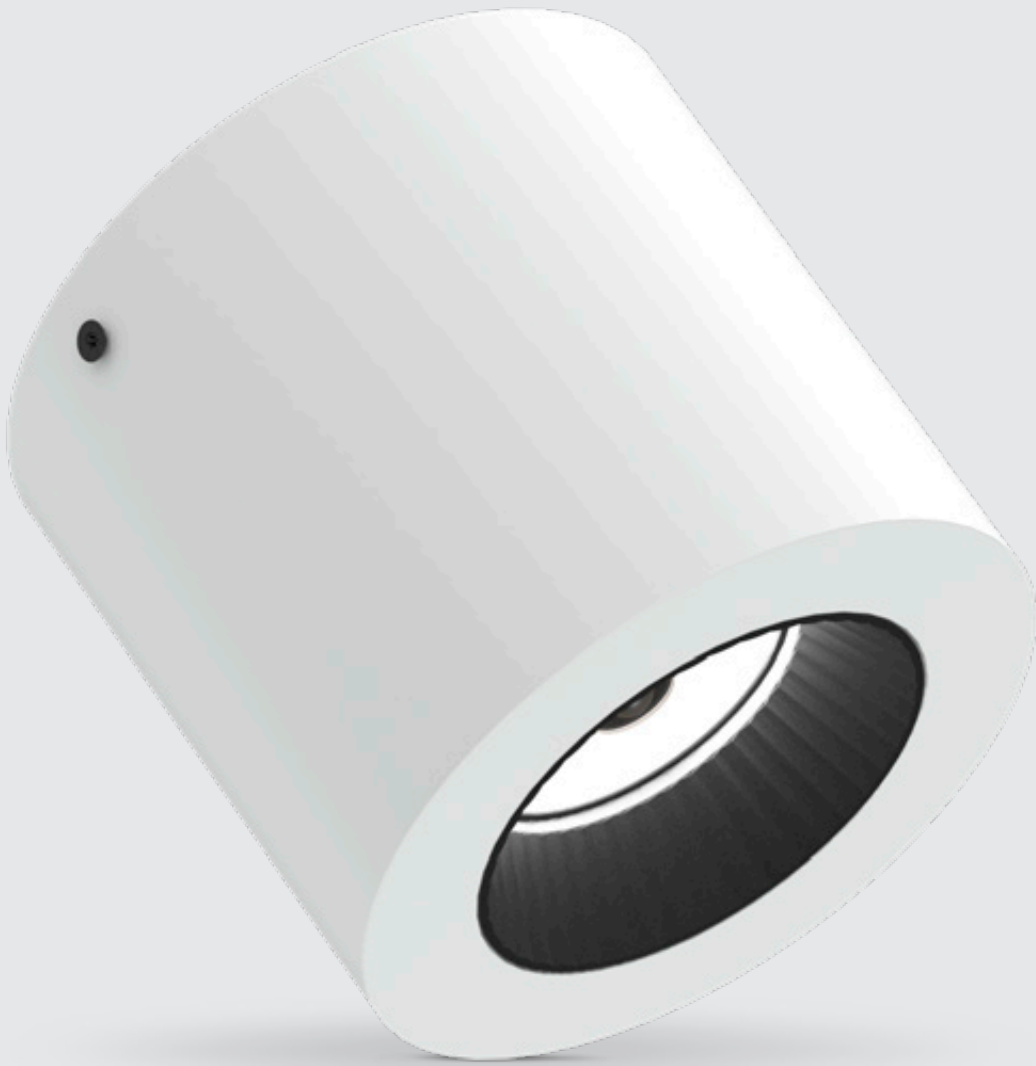
Description	Item code	Extra	Input	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
SensorVector 100 LV-600 Lm 3000K	7B7203XX8814	Incl. PSU	220-240V	8	75	83	22.0	0.6	II
SensorVector 100 LV-600 Lm 4000K	7B7203XX9814	Incl. PSU	220-240V	8	75	83	22.0	0.6	II

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



SENSOR EQUIPPED DOWNLIGHTS

SENSORTOPP 100



← →
ø 103 mm

COLOURS



Matt black
RAL 9005



Matt white
RAL 9016



61



71



63



74



64



75



62

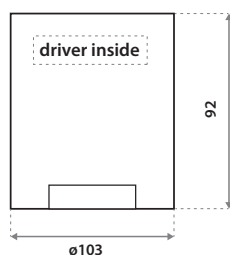


72

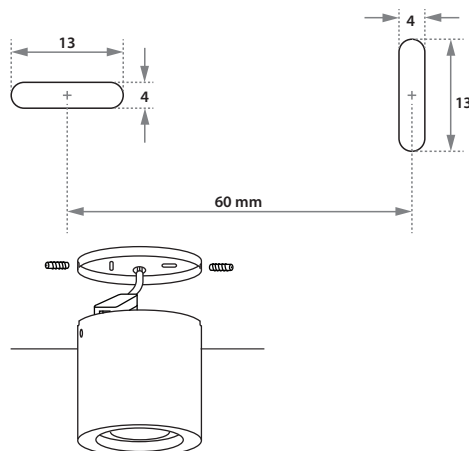
SURFACE MOUNTED

SensorTopp 100

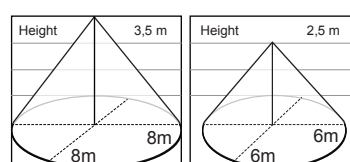
DIMENSIONS



FIXATION DIMENSIONS



DETECTION AREA



SPECIFICATIONS

Colour(s)	Housing / Reflector ring Matt white RAL9016 / Gold (XX=61) Matt white RAL9016 / Silver (XX=63) Matt white RAL9016 / Copper (XX=64) Matt white RAL9016 / Black (XX=62) Matt black RAL9005 / Gold (XX=71) Matt black RAL9005 / Silver (XX=74) Matt black RAL9005 / Copper (XX=75) Matt black RAL9005 / Black (XX=72)
Beam angle (FWHM)	60°
Fixture material	Die cast aluminium
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Energy class	A

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. A different time can be set for large orders.



ITEM SPECIFICATIONS

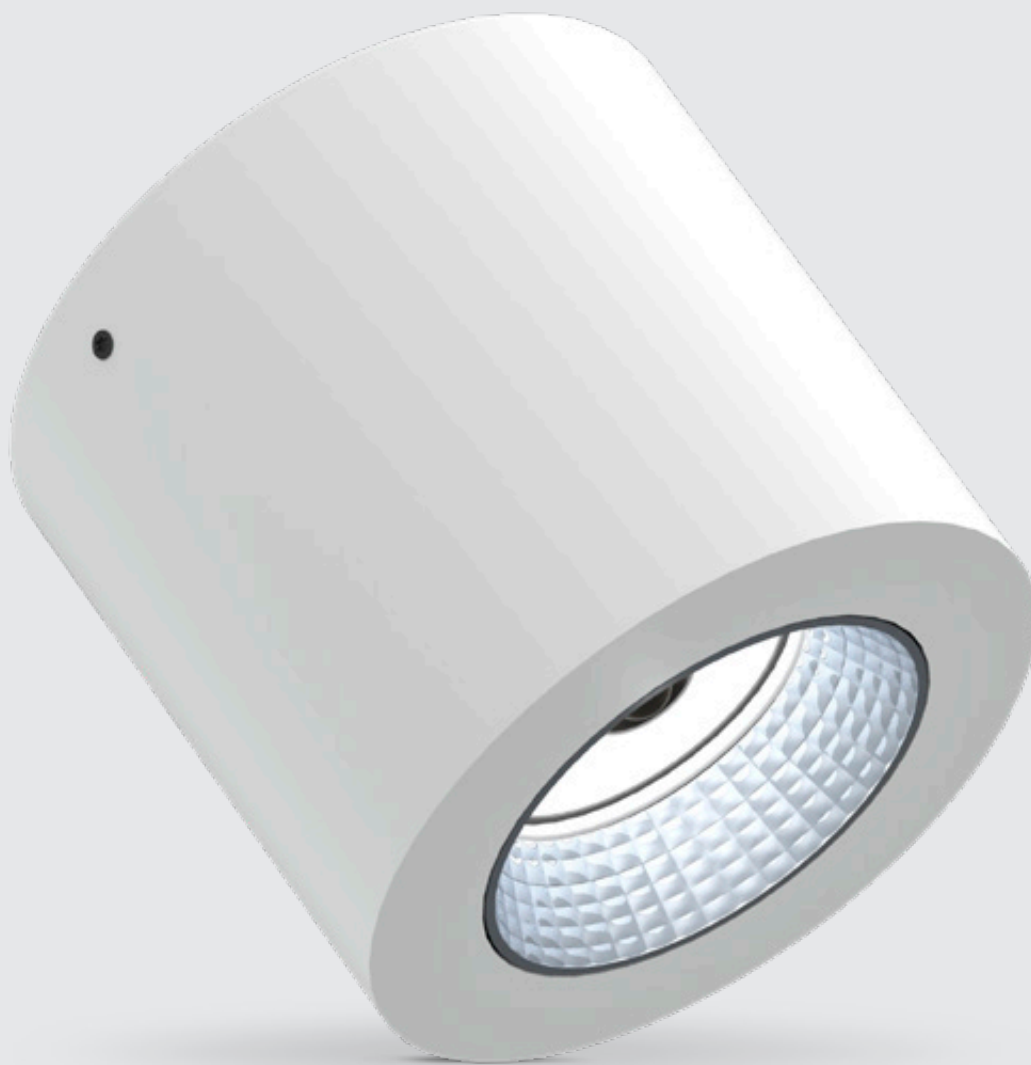
Description	Item code	Extra	Input	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
SensorTopp 100 LV-600 Lm 3000K	7A7203XX8814	Incl. PSU	220-240V	8	75	83	22.0	0.6	II
SensorTopp 100 LV-600 Lm 4000K	7A7203XX9814	Incl. PSU	220-240V	8	75	83	22.0	0.6	II

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



SENSOR EQUIPPED DOWNLIGHTS

SENSORLIDO 100



←-----→
ø 103 mm

COLOURS



Matt white
RAL 9016 (XX=MW)



Matt grey
RAL 9006 (XX=GR)

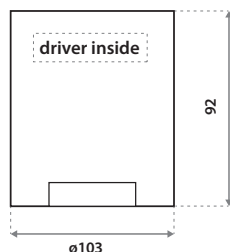


Matt black
RAL 9005 (XX=BL)

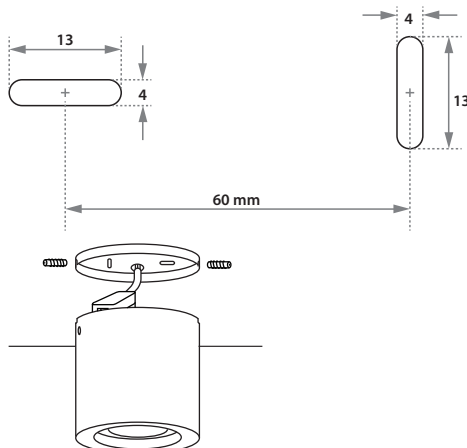
SURFACE MOUNTED

SensorLido 100

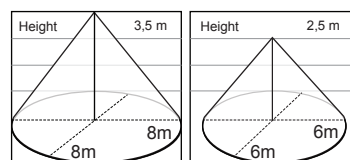
DIMENSIONS



FIXATION DIMENSIONS



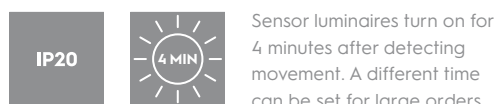
DETECTION AREA



SPECIFICATIONS

Colour white	Matt white RAL 9016 (XX=MW)
Colour grey	Matt grey RAL 9006 (XX=GR)
Colour black	Matt black RAL 9005 (XX=BL)
Beam angle (FWHM)	60°
Fixture material	Die cast aluminium
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Energy class	A

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



TE SHC TCI NICHIA

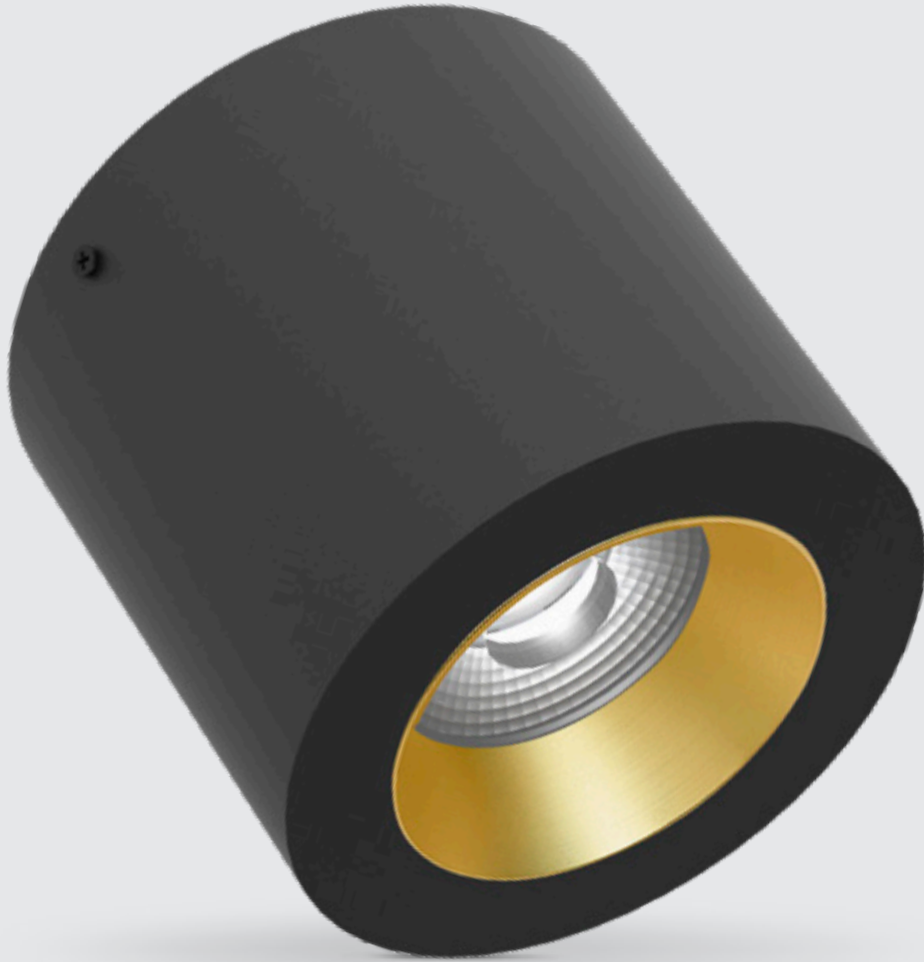
ITEM SPECIFICATIONS

Description	Item code	Extra	Input	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
SensorLido 100 LV-600 Lm 3000K	787203XX8814	Incl. PSU	220-240V	8	75	83	22.0	0.6	II
SensorLido 100 LV-600 Lm 4000K	787203XX9814	Incl. PSU	220-240V	8	75	83	22.0	0.6	II

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



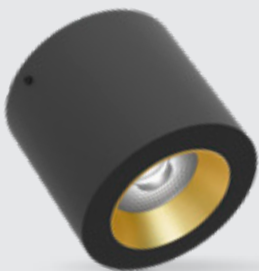
NEW



← →
ø 103 mm

VECTOR 100

BEAM ANGLE



HV-FD 40°



HV-FD 80°

COLOURS



Matt black
RAL 9005



Matt white
RAL 9016



61

63

64

62



71

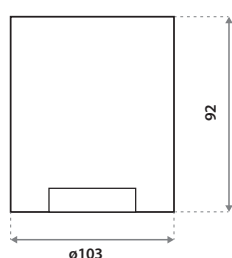
74

75

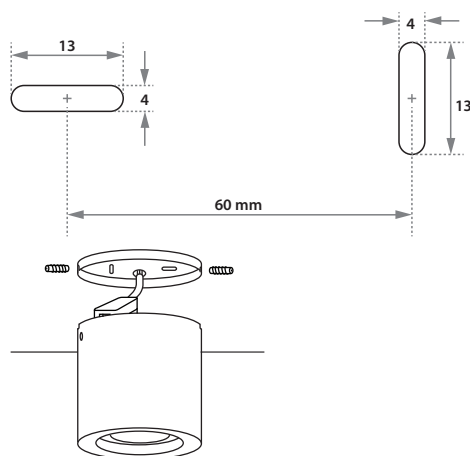
72

Vector 100

DIMENSIONS



FIXATION DIMENSIONS



SPECIFICATIONS

Colour(s)	Housing / Reflector ring Matt white RAL9016 / Gold (XX=61) Matt white RAL9016 / Silver (XX=63) Matt white RAL9016 / Copper (XX=64) Matt white RAL9016 / Black (XX=62) Matt black RAL9005 / Gold (XX=71) Matt black RAL9005 / Silver (XX=74) Matt black RAL9005 / Copper (XX=75) Matt black RAL9005 / Black (XX=72)
Beam angle (FWHM)	40° / 80°
Fixture material	Die cast aluminium
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Energy class	A

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

IP20



57C CREE

ITEM SPECIFICATIONS

Description	40°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
Vector 100 HV-FD 600Lm 2700K Triac dim	7B2A03XX5A02	23.2	7B2A03XX5B02	24.5	10.5	57	93	0.99	II
Vector 100 HV-FD 600Lm 3000K Triac dim	7B2A03XX5C02	23.2	7B2A03XX5D02	24.5	10.3	58	93	0.99	II
Vector 100 HV-FD 600Lm 4000K Triac dim	7B2A03XX5E02	23.2	7B2A03XX5F02	24.5	10.1	59	93	0.99	II
Vector 100 HV-FD 600Lm 2200-3000K Triac dim	7B2A03XX5G02	23.2	7B2A03XX5H02	24.5	10.3	58	93	0.99	II

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



NEW

TOPP 100



← →
ø 103 mm

BEAM ANGLE



HV-FD 40°



HV-FD 80°

COLOURS



Matt black
RAL 9005



Matt white
RAL 9016



61

63

64

62



71

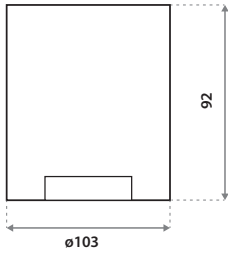
74

75

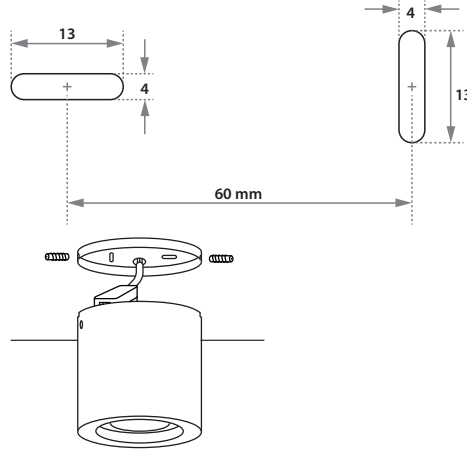
72

Topp 100

DIMENSIONS



FIXATION DIMENSIONS



SPECIFICATIONS

Colour(s)	Housing / Reflector ring Matt white RAL9016 / Gold (XX=61) Matt white RAL9016 / Silver (XX=63) Matt white RAL9016 / Copper (XX=64) Matt white RAL9016 / Black (XX=62) Matt black RAL9005 / Gold (XX=71) Matt black RAL9005 / Silver (XX=74) Matt black RAL9005 / Copper (XX=75) Matt black RAL9005 / Black (XX=72)
Beam angle (FWHM)	See the item specifications below
Fixture material	Die cast aluminium
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Energy class	A

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012

IP20



ITEM SPECIFICATIONS

Description	Item code	Extra	Input	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Topp 100 HV-IC 24° 700 Lm 2700K Triac dim	7A9603XX1702	Incl. Conn.Box	220-240V	9.0	78	93	17.3	0.98	II
Topp 100 HV-IC 24° 750 Lm 3000K Triac dim	7A9603XX2002	Incl. Conn.Box	220-240V	9.0	83	93	17.8	0.98	II
Topp 100 HV-IC 60° 700 Lm 2700K Triac dim	7A9A03XX1702	Incl. Conn.Box	220-240V	9.0	78	93	18.2	0.98	II
Topp 100 HV-IC 60° 750 Lm 3000K Triac dim	7A9A03XX2002	Incl. Conn.Box	220-240V	9.0	83	93	18.8	0.98	II

Description	40°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
Topp 100 HV-FD 600Lm 2700K Triac dim	7A2A03XX5A02	23.2	7A2A03XX5B02	24.5	10.5	57	93	0.99	II
Topp 100 HV-FD 600Lm 3000K Triac dim	7A2A03XX5C02	23.2	7A2A03XX5D02	24.5	10.3	58	93	0.99	II
Topp 100 HV-FD 600Lm 4000K Triac dim	7A2A03XX5E02	23.2	7A2A03XX5F02	24.5	10.1	59	93	0.99	II
Topp 100 HV-FD 600Lm 2200-3000K Triac dim	7A2A03XX5G02	23.2	7A2A03XX5H02	24.5	10.3	58	93	0.99	II

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



SURFACE MOUNTED

TOPP 100



SURFACE MOUNTED



Surface mounted
-
Topp 100

NEW

CYLINDER 100



← →
ø 103 mm

BEAM ANGLE



HV-FD 40°



HV-FD 80°

COLOURS



Matt white
RAL 9016 (XX=MW)



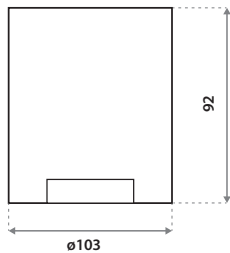
Matt grey
RAL 9006 (XX=GR)



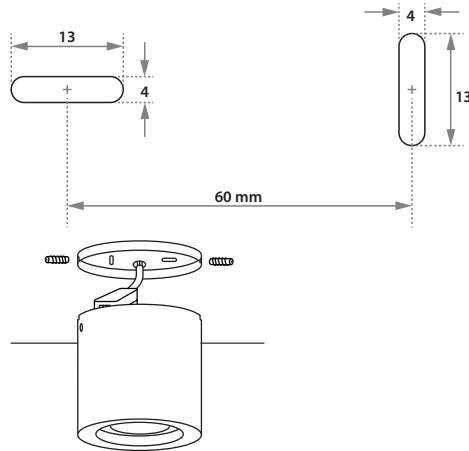
Matt black
RAL 9005 (XX=BL)

Cylinder 100

DIMENSIONS



FIXATION DIMENSIONS



SPECIFICATIONS

Colour white	Matt white RAL 9016 (XX=MW)
Colour grey	Matt grey RAL 9006 (XX=GR)
Colour black	Matt black RAL 9005 (XX=BL)
Beam angle (FWHM)	See the item specifications below
Fixture material	Die cast aluminium
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Energy class	A

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

IP20



ITEM SPECIFICATIONS

Description	Item code 60°	Extra	Input	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Cylinder 100 HV-IC 600 Lm 2700K Triac dim	757603XX1702	Incl. Conn.Box	220-240V	8.2	73	83	23.3	0.98	II
Cylinder 100 HV-IC 600 Lm 3000K Triac dim	757603XX2002	Incl. Conn.Box	220-240V	8.0	75	83	23.3	0.98	II
Cylinder 100 HV-IC 600 Lm 4000K Triac dim	757603XX2402	Incl. Conn.Box	220-240V	7.5	80	83	23.3	0.98	II
Cylinder 100 HV-IC 900 Lm 2700K Triac dim	756603XX1702	Incl. Conn.Box	220-240V	12.9	70	83	23.5	0.99	II
Cylinder 100 HV-IC 900 Lm 3000K Triac dim	756603XX2002	Incl. Conn.Box	220-240V	12.6	71	83	23.5	0.99	II
Cylinder 100 HV-IC 900 Lm 4000K Triac dim	756603XX2402	Incl. Conn.Box	220-240V	11.8	76	83	23.5	0.99	II
Cylinder 100 HV-IC 900Lm 2200-3000K	756303XX9902	Incl. Conn.Box	220-240V	11.2	80	88	23.5	0.99	II

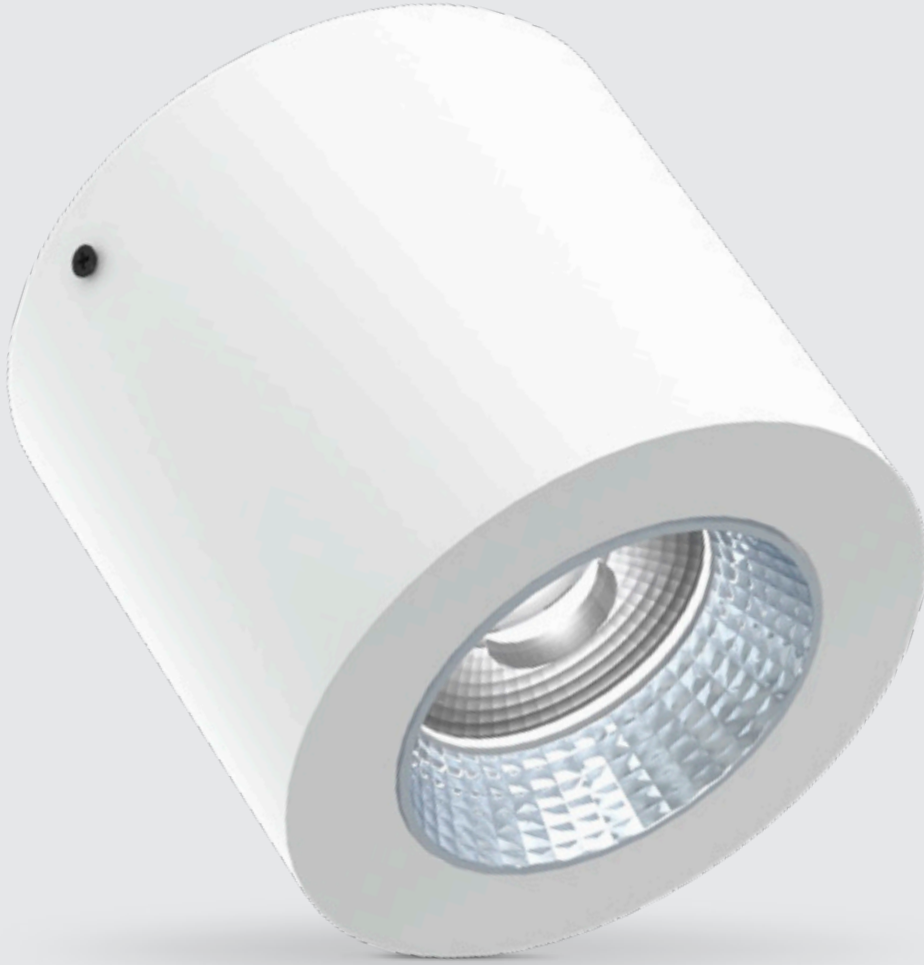
Description	40°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
Cylinder 100 HV-FD 600Lm 2700K Triac dim	752A03XX5A02	23.2	752A03XX5B02	24.5	10.5	57	93	0.99	II
Cylinder 100 HV-FD 600Lm 3000K Triac dim	752A03XX5C02	23.2	752A03XX5D02	24.5	10.3	58	93	0.99	II
Cylinder 100 HV-FD 600Lm 4000K Triac dim	752A03XX5E02	23.2	752A03XX5F02	24.5	10.1	59	93	0.99	II
Cylinder 100 HV-FD 600Lm 2200-3000K Triac dim	752A03XX5G02	23.2	752A03XX5H02	24.5	10.3	58	93	0.99	II

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



NEW

LIDO 100



← →
ø 103 mm

BEAM ANGLE



HV-FD 40°



HV-FD 80°

COLOURS



Matt white
RAL 9016 (XX=MW)



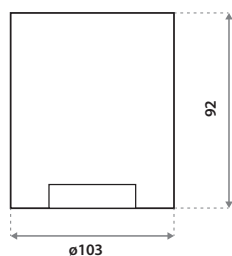
Matt grey
RAL 9006 (XX=GR)



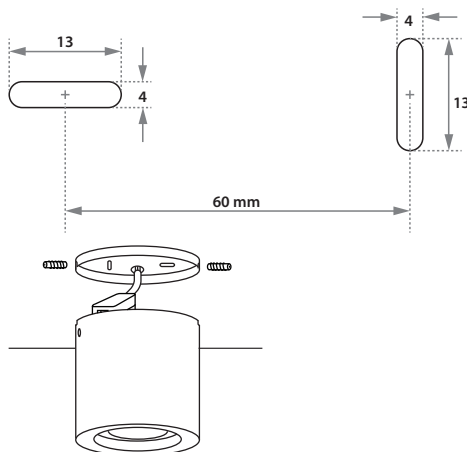
Matt black
RAL 9005 (XX=BL)

Lido 100

DIMENSIONS



FIXATION DIMENSIONS



SPECIFICATIONS

Colour white	Matt white RAL 9016 (XX=MW)
Colour grey	Matt grey RAL 9006 (XX=GR)
Colour black	Matt black RAL 9005 (XX=BL)
Beam angle (FWHM)	See the item specifications below
Fixture material	Die cast aluminium
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Energy class	A

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

IP20

MADE IN HOLLAND

7 YEAR WARRANTY

ECO

SEOL SEMICONDUCTOR

SHC

TE

CREE

ITEM SPECIFICATIONS

Description	Item code 60°	Extra	Input	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Lido 100 HV-IC-600 Lm 2700K Triac dim	787603XX1702	Incl. Conn.Box	220-240V	8.2	73	83	23.3	0.98	II
Lido 100 HV-IC-600 Lm 3000K Triac dim	787603XX2002	Incl. Conn.Box	220-240V	8.0	75	83	23.3	0.98	II
Lido 100 HV-IC-600 Lm 4000K Triac dim	787603XX2402	Incl. Conn.Box	220-240V	7.5	80	83	23.3	0.98	II
Lido 100 HV-IC-900 Lm 2700K Triac dim	786603XX1702	Incl. Conn.Box	220-240V	12.9	70	83	23.5	0.99	II
Lido 100 HV-IC-900 Lm 3000K Triac dim	786603XX2002	Incl. Conn.Box	220-240V	12.6	71	83	23.5	0.99	II
Lido 100 HV-IC-900 Lm 4000K Triac dim	786603XX2402	Incl. Conn.Box	220-240V	11.8	76	83	23.5	0.99	II
Lido 100 HV-IC 900Lm 2200-3000K	786303XX9902	Incl. Conn.Box	220-240V	11.2	80	88	23.5	0.99	II

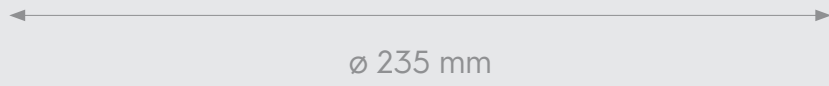
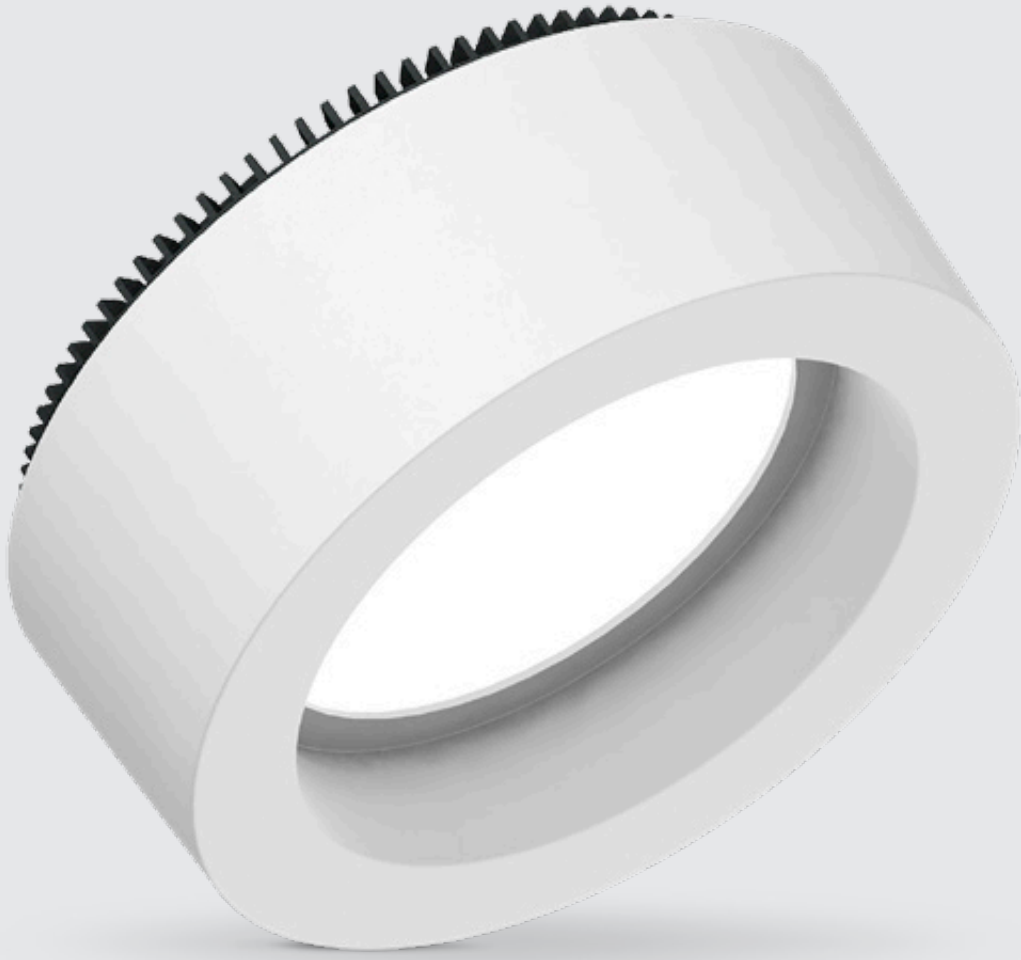
Description	40°		80°		W	Lm/W	CRI (typ.)	Pf	Safety class
	Item code	UGR	Item code	UGR					
Lido 100 HV-FD 600Lm 2700K Triac dim	782A03XX5A02	23.2	782A03XX5B02	24.5	10.5	57	93	0.99	II
Lido 100 HV-FD 600Lm 3000K Triac dim	782A03XX5C02	23.2	782A03XX5D02	24.5	10.3	58	93	0.99	II
Lido 100 HV-FD 600Lm 4000K Triac dim	782A03XX5E02	23.2	782A03XX5F02	24.5	10.1	59	93	0.99	II
Lido 100 HV-FD 600Lm 2200-3000K Triac dim	782A03XX5G02	23.2	782A03XX5H02	24.5	10.3	58	93	0.99	II

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



SURFACE MOUNTED

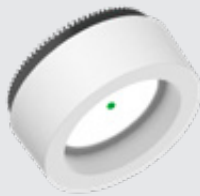
CYLINDER 235



COLOURS



Matt white
RAL 9016 (=MW)



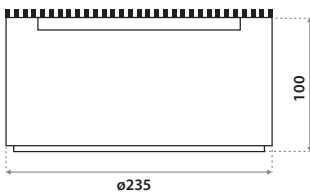
Matt white
RAL 9016 (=MW)
+ Integrated Emergency Pack

SURFACE MOUNTED

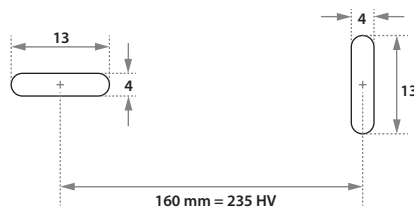
Cylinder 235

DIMENSIONS

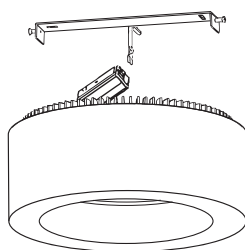
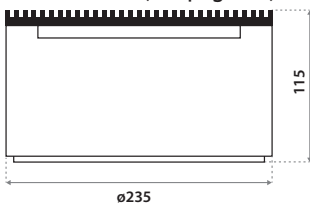
235 HV-IC



FIXATION DIMENSIONS



235 HV-IC EP3 (See page 187)



SPECIFICATIONS

Colour white	Matt white RAL 9016 (=MW)
Beam angle (FWHM)	80°
Fixture material	Die cast aluminium
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years (Emergency pack 4 years)
Energy class	A

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012

IP20

MADE IN HOLLAND

7 YEAR WARRANTY

ECO



ITEM SPECIFICATIONS

Description	Item code	Extra	Input	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Cylinder 235 HV-IC 1250 Lm 2700K	797103MW1702	Incl. Conn.Box	220-240V	12.4	101	93	24.4	0.98	II
Cylinder 235 HV-IC 1250 Lm 3000K	797103MW2002	Incl. Conn.Box	220-240V	11.5	109	83	24.4	0.98	II
Cylinder 235 HV-IC 1250 Lm 4000K	797103MW2402	Incl. Conn.Box	220-240V	10.6	118	83	24.4	0.98	II
Cylinder 235 HV-IC 2000 Lm 2700K	797903MW1702	Incl. Conn.Box	220-240V	20.8	96	93	26.1	0.98	II
Cylinder 235 HV-IC 2000 Lm 3000K	797903MW2002	Incl. Conn.Box	220-240V	19.2	104	83	26.1	0.98	II
Cylinder 235 HV-IC 2000 Lm 4000K	797903MW2402	Incl. Conn.Box	220-240V	17.7	113	83	26.1	0.98	II
Cylinder 235 HV-IC 1250 Lm 2700K EP3 4-P	797103MW1773	Incl. Em.Pack	220-240V	12.4	101	93	24.4	0.98	I
Cylinder 235 HV-IC 1250 Lm 3000K EP3 4-P	797103MW2073	Incl. Em.Pack	220-240V	11.5	109	83	24.4	0.98	I
Cylinder 235 HV-IC 1250 Lm 4000K EP3 4-P	797103MW2473	Incl. Em.Pack	220-240V	10.6	118	83	24.4	0.98	I
Cylinder 235 HV-IC 2000 Lm 2700K EP3 4-P	797903MW1773	Incl. Em.Pack	220-240V	20.8	96	93	26.1	0.98	I
Cylinder 235 HV-IC 2000 Lm 3000K EP3 4-P	797903MW2073	Incl. Em.Pack	220-240V	19.2	104	83	26.1	0.98	I
Cylinder 235 HV-IC 2000 Lm 4000K EP3 4-P	797903MW2473	Incl. Em.Pack	220-240V	17.7	113	83	26.1	0.98	I

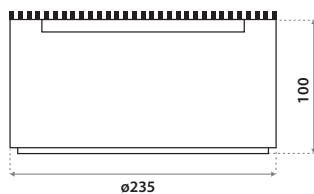
All values are measured at 230V (+/- 7%). See page 190-191 for the dimmerlist.



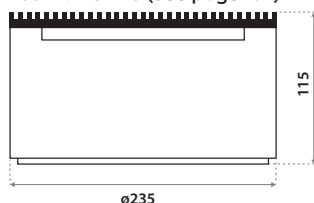
Lido 235

DIMENSIONS

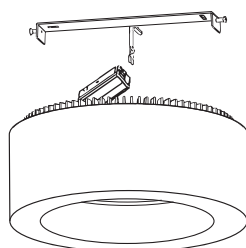
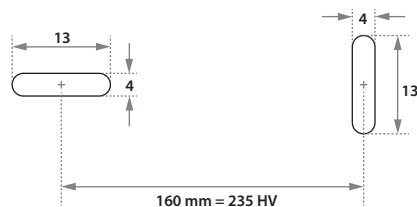
235 HV-IC



235 HV-IC EP3 (See page 187)



FIXATION DIMENSIONS



SPECIFICATIONS

Colour white	Matt white RAL 9016 (=MW)
Beam angle (FWHM)	80°
Fixture material	Die cast aluminium
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years (Emergency pack 4 years)
Energy class	A

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



ITEM SPECIFICATIONS

Description	Item code	Extra	Input	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Lido 235 HV-IC 1250 Lm 2700K	817103MW1702	Incl. Conn.Box	220-240V	12.4	101	93	21.7	0.98	II
Lido 235 HV-IC 1250 Lm 3000K	817103MW2002	Incl. Conn.Box	220-240V	11.5	109	83	21.7	0.98	II
Lido 235 HV-IC 1250 Lm 4000K	817103MW2402	Incl. Conn.Box	220-240V	10.6	118	83	21.7	0.98	II
Lido 235 HV-IC 2000 Lm 2700K	817903MW1702	Incl. Conn.Box	220-240V	20.8	96	93	23.4	0.98	II
Lido 235 HV-IC 2000 Lm 3000K	817903MW2002	Incl. Conn.Box	220-240V	19.2	104	83	23.4	0.98	II
Lido 235 HV-IC 2000 Lm 4000K	817903MW2402	Incl. Conn.Box	220-240V	17.7	113	83	23.4	0.98	II
Lido 235 HV-IC 1250 Lm 2700K EP3 4-P	817103MW1773	Incl. Em.Pack	220-240V	12.4	101	93	21.7	0.98	I
Lido 235 HV-IC 1250 Lm 3000K EP3 4-P	817103MW2073	Incl. Em.Pack	220-240V	11.5	109	83	21.7	0.98	I
Lido 235 HV-IC 1250 Lm 4000K EP3 4-P	817103MW2473	Incl. Em.Pack	220-240V	10.6	118	83	21.7	0.98	I
Lido 235 HV-IC 2000 Lm 2700K EP3 4-P	817903MW1773	Incl. Em.Pack	220-240V	20.8	96	93	23.4	0.98	I
Lido 235 HV-IC 2000 Lm 3000K EP3 4-P	817903MW2073	Incl. Em.Pack	220-240V	19.2	104	83	23.4	0.98	I
Lido 235 HV-IC 2000 Lm 4000K EP3 4-P	817903MW2473	Incl. Em.Pack	220-240V	17.7	113	83	23.4	0.98	I

All values are measured at 230V (+/- 7%). See page 190-191 for the dimmerlist.

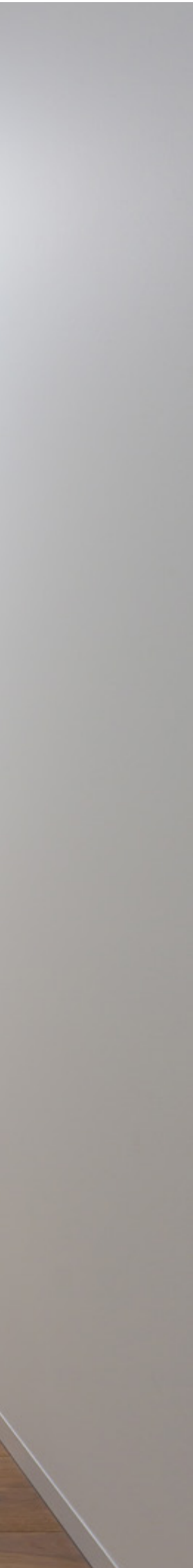


SURFACE MOUNTED

LIDO 235



SURFACE MOUNTED

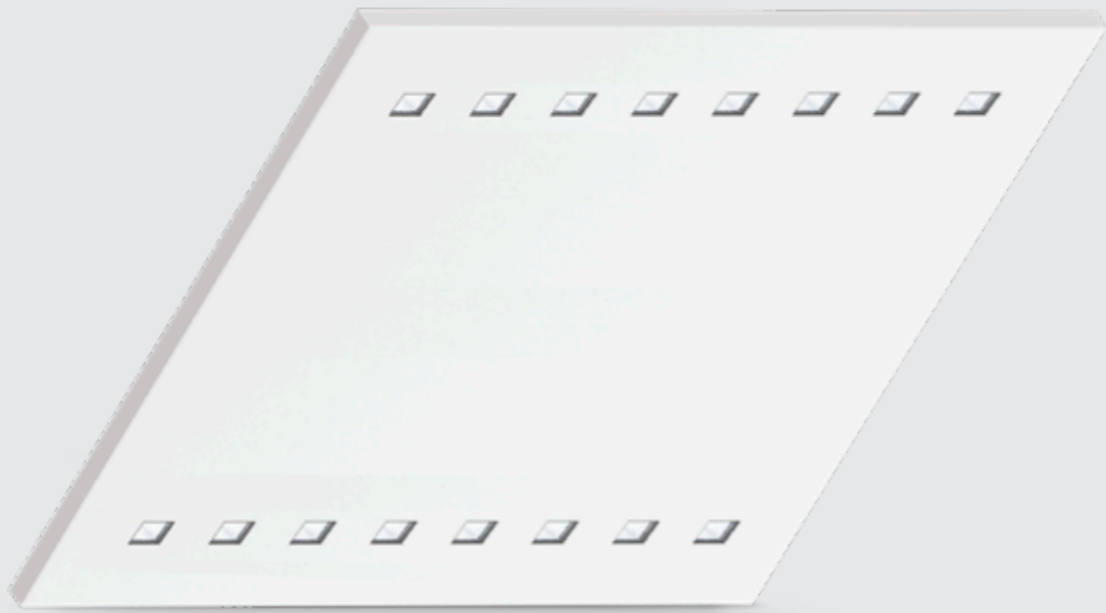


Surface mounted
-
Lido 235

SURFACE MOUNTED

NEW

AVIORA SM 595X595

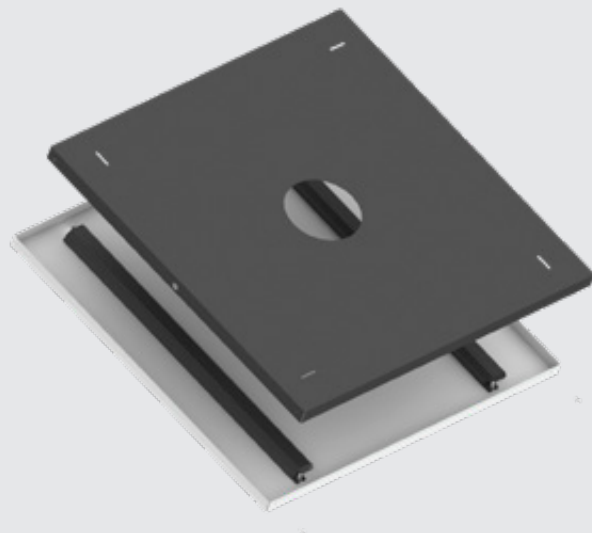


595x595 mm

COLOURS

Matt white
RAL 9016

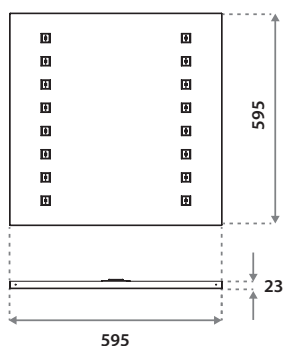
BACKSIDE



SURFACE MOUNTED

Aviora SM 595x595

DIMENSIONS



SPECIFICATIONS

Dimensions	595x595 mm
Colour	Matt white RAL 9016 (=MW)
Beam angle (FWHM)	Standard 85° (100° FWTM) On request 75° (95° FWTM)
UGR (4H8H 70/50/20)	<19
Fixture material	Housing: Steel 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
Energy class	A+

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:

- Other dimensions

IP20



CHOOSE YOUR LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt	
			3000K	4000K	3000K	4000K
Special request	500	26.6	3200	3400	120	128
Special request	550	29.3	3500	3750	119	128
Standard	700	37.3	4100	4350	110	117
Special request	900	47.5	5000	5300	105	112
Standard	1050	56.0	5350	5650	96	101

ITEM SPECIFICATIONS

Description	Item code	Extra	Input	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Aviora SM 4100 Lm 3000K No dim	3CED03MWF202	Incl. PSU	220-240V	37.3	110	83	15.7	0.98	II
Aviora SM 4100 Lm 3000K 1-10V & Push	3CED03MWG202	Incl. PSU	220-240V	37.3	110	83	15.7	0.95	II
Aviora SM 4100 Lm 3000K Dali	3CED03MWH202	Incl. PSU	220-240V	37.3	110	83	15.7	0.95	II
Aviora SM 5350 Lm 3000K No dim	3CEE03MWF202	Incl. PSU	220-240V	56.0	96	83	16.6	0.95	II
Aviora SM 5350 Lm 3000K 1-10V & Push	3CEE03MWG202	Incl. PSU	220-240V	56.0	96	83	16.6	0.95	II
Aviora SM 5350 Lm 3000K Dali	3CEE03MWH202	Incl. PSU	220-240V	56.0	96	83	16.6	0.95	II
Aviora SM 4350 Lm 4000K No dim	3CED03MWF302	Incl. PSU	220-240V	37.3	117	83	15.9	0.98	II
Aviora SM 4350 Lm 4000K 1-10V & Push	3CED03MWG302	Incl. PSU	220-240V	37.3	117	83	15.9	0.95	II
Aviora SM 4350 Lm 4000K Dali	3CED03MWH302	Incl. PSU	220-240V	37.3	117	83	15.9	0.95	II
Aviora SM 5650 Lm 4000K No dim	3CEE03MWF302	Incl. PSU	220-240V	56.0	101	83	16.8	0.95	II
Aviora SM 5650 Lm 4000K 1-10V & Push	3CEE03MWG302	Incl. PSU	220-240V	56.0	101	83	16.8	0.95	II
Aviora SM 5650 Lm 4000K Dali	3CEE03MWH302	Incl. PSU	220-240V	56.0	101	83	16.8	0.95	II

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





∅ 100 mm

COLOURS



Matt white
RAL 9016

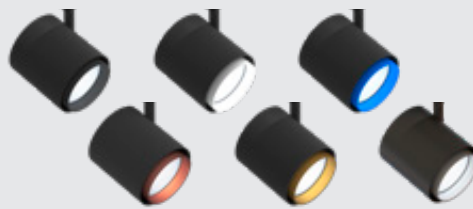


Matt grey
RAL 9006



Matt black
RAL 9005

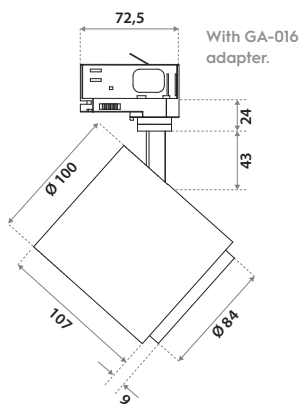
FRONT RINGS



Housing/front ring	Item code	Housing/front ring	Item code	Housing/front ring	Item code
White/White	XX=65	Grey/White	XX=85	Black/White	XX=76
White/Blue	XX=66	Grey/Blue	XX=86	Black/Blue	XX=77
White/Gold	XX=61	Grey/Gold	XX=81	Black/Gold	XX=71
White/Silver	XX=63	Grey/Silver	XX=83	Black/Silver	XX=74
White/Copper	XX=64	Grey/Copper	XX=84	Black/Copper	XX=75
White/Black	XX=62	Grey/Black	XX=82	Black/Black	XX=72

Odion HV-IC

DIMENSIONS



SPECIFICATIONS

Colour(s)	Matt white RAL9016 Matt grey RAL 9006 Matt black RAL 9005 Front ring in black, white, blue, gold, silver and copper
Beam angle (FWHM)	18° / 37° / 60°
UGR (4H8H 70/50/20)	<19 (18° + 37°)
Fixture material	Die cast aluminium
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Extra	Triac
Safety class	I
Energy class	A

TRACKS



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



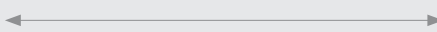
NORDIC ALUMINIUM SIOUL SEMICONDUCTOR

ITEM SPECIFICATIONS

Description Odion	18°		37°		60°		W	Lm/W	CRI (typ.)	Pf
	Item code	UGR	Item code	UGR	Item code	UGR				
HV-IC 2000 Lm 3000K CRI90 MW Triac dim	350403XXHU02	13.5	350403MWHV02	14.5	350403MWHW02	18.9	30.0	67	92	0.99
HV-IC 2200 Lm 4000K CRI90 BL Triac dim	350403XXHX02	13.9	350403BLHY02	14.9	350403BLHZ02	19.3	30.0	73	92	0.99

All values are measured at 230V (+/- 7%). See page 190-191 for the dimmerlist.





ø 100 mm

COLOURS



Matt white
RAL 9016

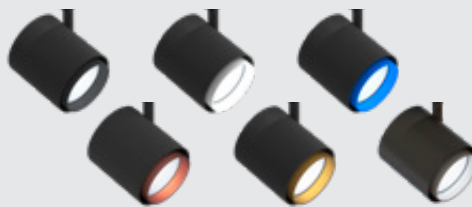


Matt grey
RAL 9006



Matt black
RAL 9005

FRONT RINGS

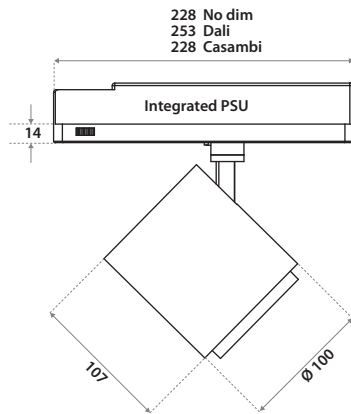


Housing/front ring	Item code	Housing/front ring	Item code	Housing/front ring	Item code
White/White	XX=65	Grey/White	XX=85	Black/White	XX=76
White/Blue	XX=66	Grey/Blue	XX=86	Black/Blue	XX=77
White/Gold	XX=61	Grey/Gold	XX=81	Black/Gold	XX=71
White/Silver	XX=63	Grey/Silver	XX=83	Black/Silver	XX=74
White/Copper	XX=64	Grey/Copper	XX=84	Black/Copper	XX=75
White/Black	XX=62	Grey/Black	XX=82	Black/Black	XX=72

Odion XS

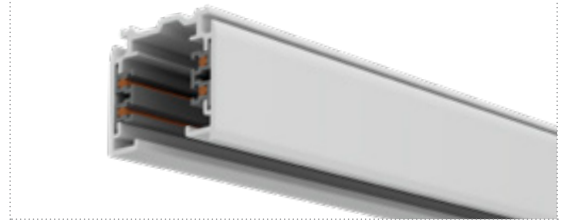
DIMENSIONS

With integrated GA-016 + PSU adapter, not visible after installation.



TRACKS

On request! Ask our sales department about the possibilities.



SPECIFICATIONS

Colour(s)	Matt white RAL9016 Matt grey RAL 9006 Matt black RAL 9005 Front ring in black, white, blue, gold, silver and copper
Beam angle (FWHM)	18° / 37° / 60°
UGR (4H8H 70/50/20)	<19 (18° + 37°)
Fixture material	Die cast aluminium
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Safety class	I
Energy class	A+

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 32)

MADE IN
HOLLAND

7 YEAR
WARRANTY

ECO

UGR
<19

TE

LUXEON
STYLIST
SERIE

CHOOSE YOUR LUMEN OUTPUT

	mA	W	Lumen Output			Lumen / Watt		
			CRI80	CRI96	CRI80	CRI80	CRI96	CRI80
			3000K	3000K	4000K	3000K	3000K	4000K
Special request	700	27.6	2700	2200	3150	98	94	114
Standard	800	32.1	3000	2500	3400	93	78	106
Special request	850	33.6	3100	2600	3850	92	72	104

ITEM SPECIFICATIONS

Description	18°		37°		60°		mA	W	Lm/W	CRI (typ.)	Pf
	Item code	UGR	Item code	UGR	Item code	UGR					
Odion XS 3000 Lm 3000K CRI80	350403XXHK02	14.9	350403XXHL02	16.0	350403XXHM02	20.4	800	32.1	93	82	0.97
Odion XS 3000 Lm 3000K CRI80 Dali	350403XXE402	14.9	350403XXE502	16.0	350403XXE602	20.4	800	32.1	93	82	0.97
Odion XS 3000 Lm 3000K CRI80 Casambi	350403XXJ402	14.9	350403XXJ502	16.0	350403XXJ602	20.4	800	32.1	93	82	0.97
Odion XS 2500 Lm 3000K CRI96	350403XXHG02	14.2	350403XXHH02	15.2	350403XXHJ02	19.6	800	32.1	78	96	0.97
Odion XS 2500 Lm 3000K CRI96 Dali	350403XXE102	14.2	350403XXE202	15.2	350403XXE302	19.6	800	32.1	78	96	0.97
Odion XS 2500 Lm 3000K CRI96 Casambi	350403XXJ102	14.2	350403XXJ202	15.2	350403XXJ302	19.6	800	32.1	78	96	0.97
Odion XS 3400 Lm 4000K CRI80	350403XXHN02	15.4	350403XXHP02	16.4	350403XXHQ02	20.8	800	32.1	106	82	0.97
Odion XS 3400 Lm 4000K CRI80 Dali	350403XXE702	15.4	350403XXE802	16.4	350403XXE902	20.8	800	32.1	106	82	0.97
Odion XS 3400 Lm 4000K CRI80 Casambi	350403XXJ702	15.4	350403XXJ802	16.4	350403XXJ902	20.8	800	32.1	106	82	0.97

All values are measured at 230V (+/- 7%). See page 190-191 for the dimmerlist.



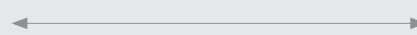




Trackspots

-

Heraldi For women
Zagreb, Croatia
Odion XS



∅ 100 mm

COLOURS



Matt white
RAL 9016

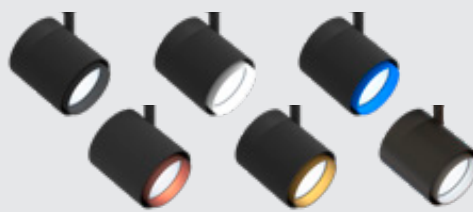


Matt grey
RAL 9006



Matt black
RAL 9005

FRONT RINGS

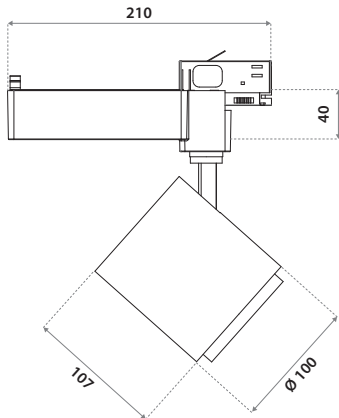


Housing/front ring	Item code	Housing/front ring	Item code	Housing/front ring	Item code
White/White	XX=65	Grey/White	XX=85	Black/White	XX=76
White/Blue	XX=66	Grey/Blue	XX=86	Black/Blue	XX=77
White/Gold	XX=61	Grey/Gold	XX=81	Black/Gold	XX=71
White/Silver	XX=63	Grey/Silver	XX=83	Black/Silver	XX=74
White/Copper	XX=64	Grey/Copper	XX=84	Black/Copper	XX=75
White/Black	XX=62	Grey/Black	XX=82	Black/Black	XX=72

Odion XL

DIMENSIONS

With integrated GA-016 + PSU adapter



TRACKS

On request! Ask our sales department about the possibilities.



SPECIFICATIONS

Colour(s)	Matt white RAL9016 Matt grey RAL 9006 Matt black RAL 9005 Front ring in black, white, blue, gold, silver and copper
Beam angle (FWHM)	18° / 37° / 60°
UGR (4H8H 70/50/20)	<19 (18° + 37°)
Fixture material	Die cast aluminium
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Extra	No dim
Safety class	I
Energy class	A+

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 32)



CHOOSE YOUR LUMEN OUTPUT

	mA	W	Lumen Output			Lumen / Watt		
			CRI80	CRI96	CRI80	CRI80	CRI96	CRI80
			3000K	3000K	4000K	3000K	3000K	4000K
Special request	900	35.8	3400	2700	3850	95	75	108
Special request	1050	41.5	3750	3000	4400	90	72	106
Special request	1200	48.4	4250	3250	5000	88	67	103
Standard	1400	57.1	5000	3750	5700	87	66	100

NORDIC ALUMINIUM

ITEM SPECIFICATIONS

Description	18°		37°		60°		mA	W	Lm/W	CRI (typ.)	Pf
	Item code	UGR	Item code	UGR	Item code	UGR					
Odion XL 5000 Lm 3000K CRI80	350403XXHA02	17.7	350403XXHB02	17.8	350403XXHC02	22.2	1400	57.1	87	82	0.95
Odion XL 3750 Lm 3000K CRI96	350403XXHR02	15.7	350403XXHS02	16.8	350403XXHT02	21.2	1400	57.1	66	96	0.95
Odion XL 5700 Lm 4000K CRI80	350403XXHD02	17.2	350403XXHE02	18.2	350403XXHF02	22.6	1400	57.1	100	82	0.95

All values are measured at 230V (+/- 7%). See page 190-191 for the dimmerlist.



TRACKSPOTS

LINEA AS



← →
ø 125 mm

COLOURS



Matt white
RAL 9016 (XX=MW)



Matt grey
RAL 9006 (XX=GR)

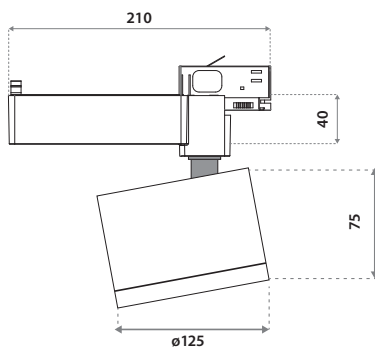


Matt black
RAL 9005 (XX=BL)

Linea AS

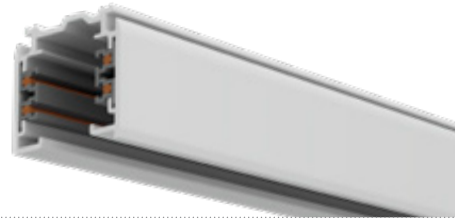
DIMENSIONS

With integrated GA-016 + PSU adapter



TRACKS

On request! Ask our sales department about the possibilities.



SPECIFICATIONS

Colour(s)	Matt white RAL9016 (XX=MW) Matt grey RAL 9006 (XX=GR) Matt black RAL 9005 (XX=BL)
Beam angle (FWHM)	18° / 37° / 60°
UGR (4H8H 70/50/20)	<19 (18° + 37°)
Fixture material	Die cast aluminium
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years
Extra	No dim
Safety class	I
Energy class	A+

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 32)



CHOOSE YOUR LUMEN OUTPUT

	mA	W	Lumen Output			Lumen / Watt		
			CRI80	CRI96	CRI80	CRI80	CRI96	CRI80
			3000K	3000K	4000K	3000K	3000K	4000K
Special request	350	13	1500	1100	1650	115	85	127
Special request	500	17.6	2000	1450	2200	114	82	125
Special request	700	26.5	2700	2150	3150	102	81	119
Standard	800	31.7	3000	2500	3400	95	79	107

NORDIC ALUMINIUM

ITEM SPECIFICATIONS

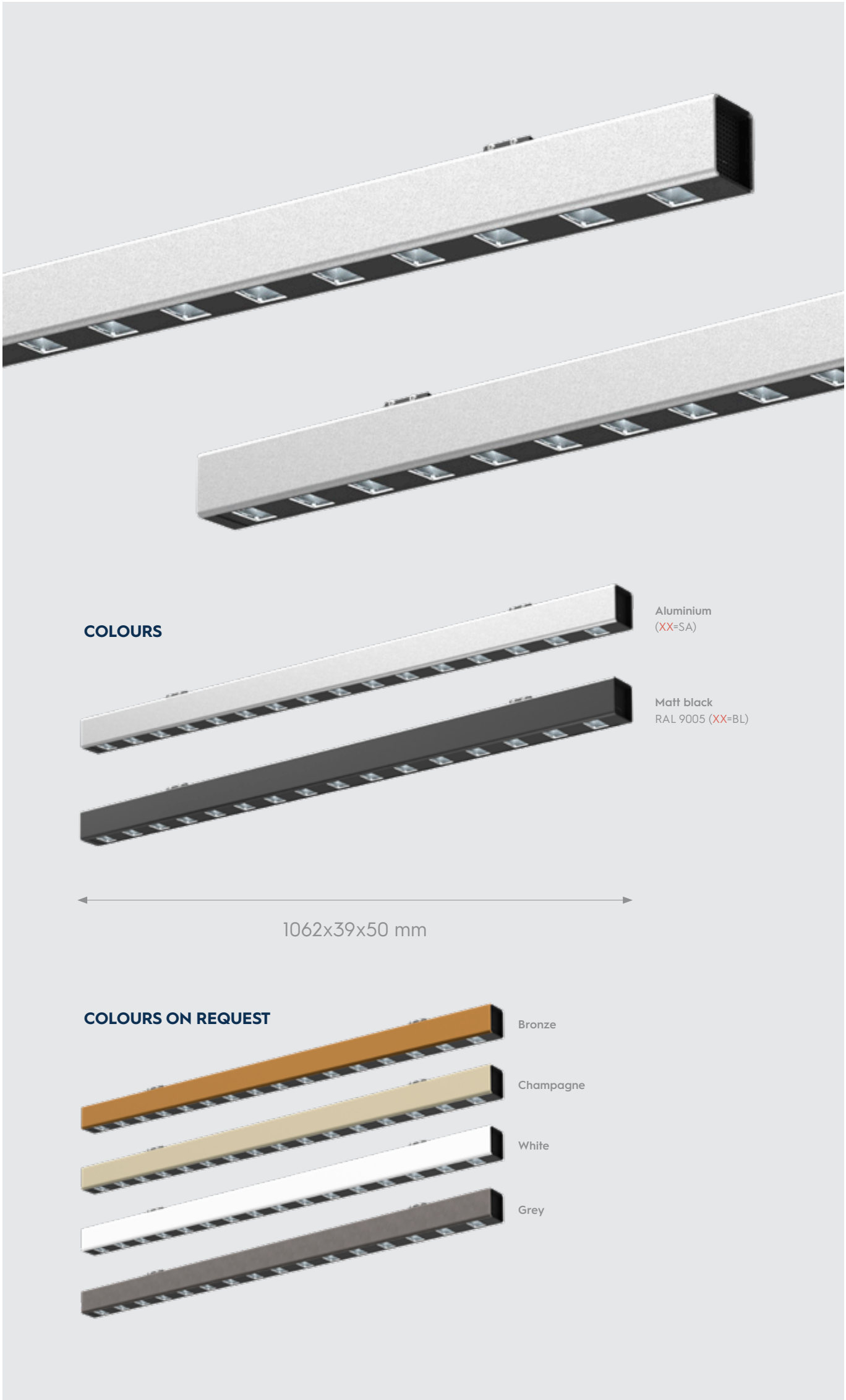
Description	18°		37°		60°		mA	W	Lm/W	CRI (typ.)	Pf
	Item code	UGR	Item code	UGR	Item code	UGR					
Linea AS 3000 Lm 3000K CRI80	170403XXDA02	14.9	170403XXDB02	16.0	170403XXDC02	20.4	800	31.7	95	82	0.95
Linea AS 2500 Lm 3000K CRI96	170403XXDG02	14.3	170403XXDH02	15.3	170403XXDJ02	19.8	800	31.7	79	96	0.95
Linea AS 3400 Lm 4000K CRI80	170403XXDD02	15.4	170403XXDE02	16.4	170403XXDF02	20.8	800	31.7	107	82	0.95

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



PROFILES

AVIORA LINE SM



COLOURS

Aluminium
(XX=SA)

Matt black
RAL 9005 (XX=BL)

1062x39x50 mm

COLOURS ON REQUEST

Bronze

Champagne

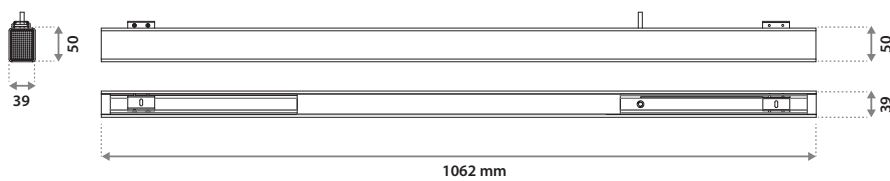
White

Grey

SURFACE MOUNTED

Aviora line SM

DIMENSIONS



SPECIFICATIONS

Colour(s)	Matt black RAL 9005 (XX=BL) Aluminium (XX=SA)
Beam angle (FWHM)	Standard 85° (100° FWTM) On request 75° (90° FWTM)
UGR (4H8H 70/50/20)	<19
Fixture material	Housing: 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
Energy class	A+

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



CHOOSE YOUR LUMEN OUTPUT

Item		Direction	mA	W	Lumen Output		Lumen / Watt	
					3000K	4000K	3000K	4000K
Aviora Line D	Special request	Direct-light	280	13.0	1650	1750	127	135
Aviora Line D	Special request	Direct-light	400	21.3	2350	2500	110	117
Aviora Line D	Standard	Direct-light	640	34.1	3750	3950	110	117

ITEM SPECIFICATIONS

Description	Item code	Extra	Input	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Aviora Line SM-D 3750 Lm 3000K No dim	3SDH03XXF202	Incl. PSU	220-240V	34.1	110	83	17.0	0.95	I
Aviora Line SM-D 3750 Lm 3000K 1-10V & Push	3SDH03XXG202	Incl. PSU	220-240V	34.1	110	83	17.0	0.96	I
Aviora Line SM-D 3750 Lm 3000K Dali	3SDH03XXH202	Incl. PSU	220-240V	34.1	110	83	17.0	0.95	I
Aviora Line SM-D 3950 Lm 4000K No dim	3SDH03XXF302	Incl. PSU	220-240V	34.1	116	83	17.2	0.95	I
Aviora Line SM-D 3950 Lm 4000K 1-10V & Push	3SDH03XXG302	Incl. PSU	220-240V	34.1	116	83	17.2	0.96	I
Aviora Line SM-D 3950 Lm 4000K Dali	3SDH03XXH302	Incl. PSU	220-240V	34.1	116	83	17.2	0.95	I

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







Profiles

-
Aviora line SM

PROFILES

AVIORA LINE P

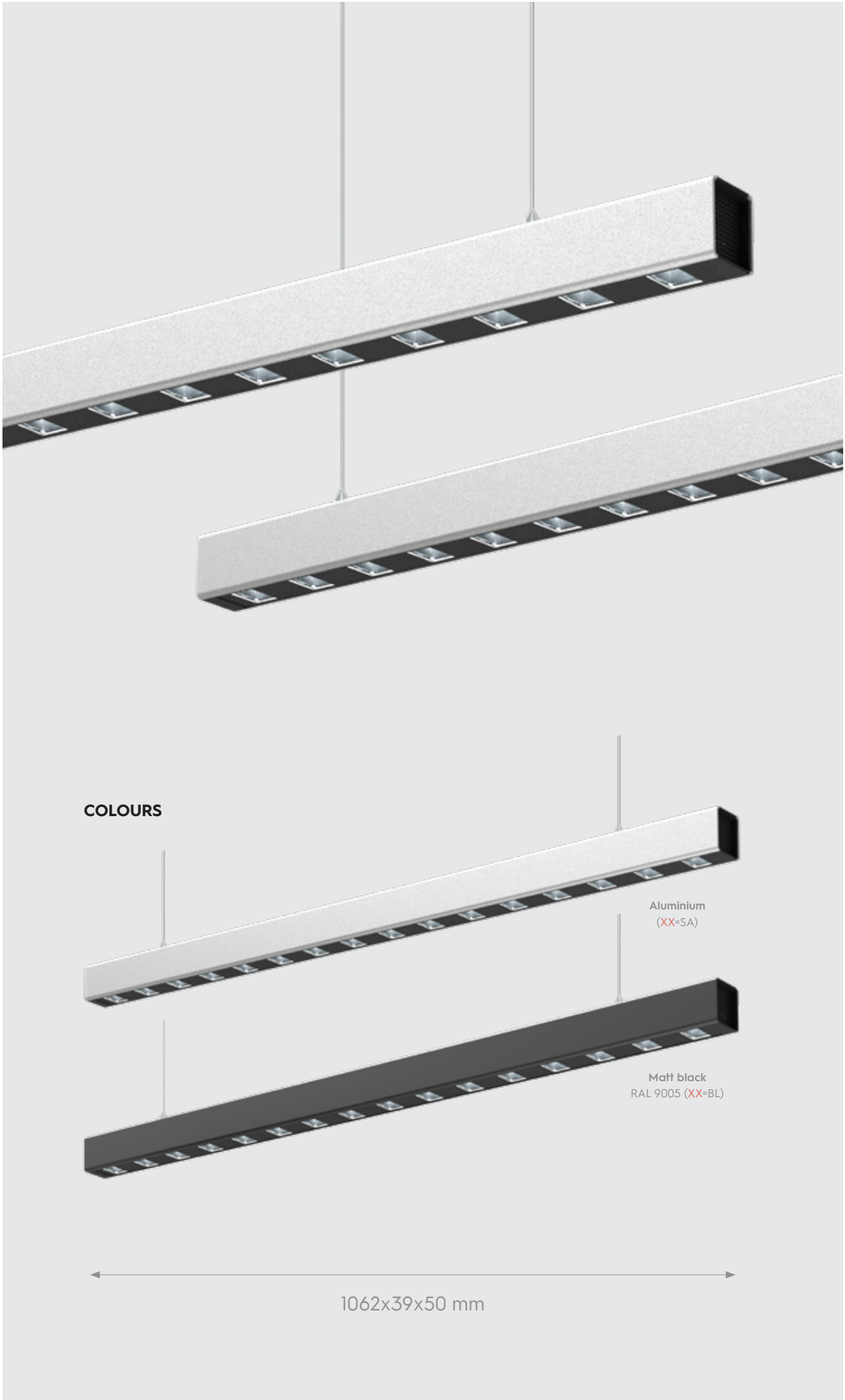
COLOURS

Aluminium
(XX=SA)

Matt black
RAL 9005 (XX=BL)

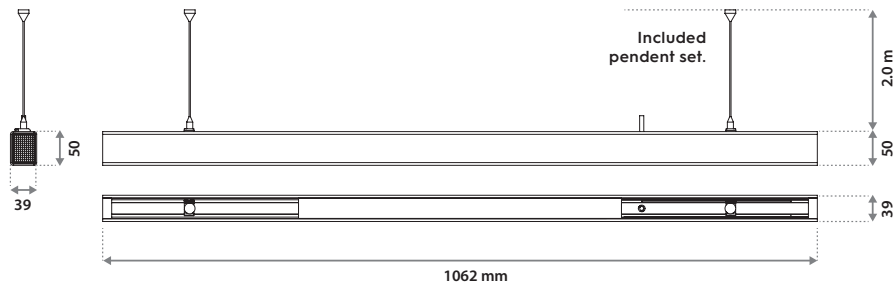
1062x39x50 mm

PENDENT



Aviora line P

DIMENSIONS



SPECIFICATIONS

Colour(s)	Matt black RAL 9005 (XX=BL) Aluminium (XX=SA)
Beam angle (FWHM)	Standard 85° (100° FWTM) On request 75° (90° FWTM)
UGR (4H8H 70/50/20)	<19
Fixture material	Housing: 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
Energy class	A+

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire

EU 874/2012



LUMILEDS b7c TCI wieland



Included in the package (pendent set).

CHOOSE YOUR LUMEN OUTPUT

Item		Direction	mA	W	Lumen Output		Lumen / Watt	
					3000K	4000K	3000K	4000K
Aviora Line D/I	Standard	Indirect-light (1/3)	133	7.1	800	850	113	120
		Direct-light (2/3)	267	14.2	1550	1650	109	116
Aviora Line D/I	Special request	Indirect-light (1/3)	213	11.4	1250	1325	110	116
		Direct-light (2/3)	427	21.3	2500	2625	117	123
Aviora Line D	Special request	Direct-light	280	13.0	1650	1750	127	135
Aviora Line D	Special request	Direct-light	400	21.3	2350	2500	110	117
Aviora Line D	Standard	Direct-light	640	34.1	3750	3950	110	116

ITEM SPECIFICATIONS

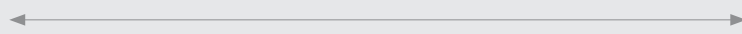
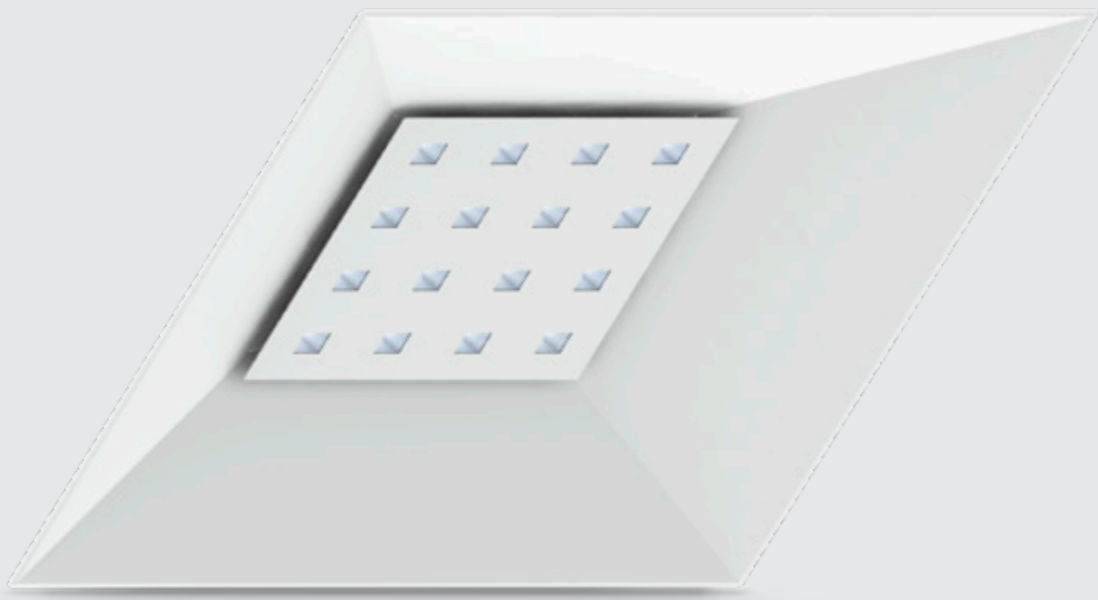
Description	Item code	Extra	Input	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Aviora Line P-D 3750 Lm 3000K No dim	3PDH03XXF202	Incl. PSU	220-240V	34.1	110	83	17.0	0.95	I
Aviora Line P-D 3750 Lm 3000K 1-10V & Push	3PDH03XXG202	Incl. PSU	220-240V	34.1	110	83	17.0	0.96	I
Aviora Line P-D 3750 Lm 3000K Dali	3PDH03XXH202	Incl. PSU	220-240V	34.1	110	83	17.0	0.95	I
Aviora Line P-D 3950 Lm 4000K No dim	3PDH03XXF302	Incl. PSU	220-240V	34.1	116	83	17.2	0.95	I
Aviora Line P-D 3950 Lm 4000K 1-10V & Push	3PDH03XXG302	Incl. PSU	220-240V	34.1	116	83	17.2	0.96	I
Aviora Line P-D 3950 Lm 4000K Dali	3PDH03XXH302	Incl. PSU	220-240V	34.1	116	83	17.2	0.95	I
Aviora Line P-D/I 1550/800 Lm 3000K No dim	3UDH03XXF202	Incl. PSU	220-240V	21.3	110	83	16.6	0.95	I
Aviora Line P-D/I 1550/800 Lm 3000K 1-10V & Push	3UDH03XXG202	Incl. PSU	220-240V	21.3	110	83	16.6	0.96	I
Aviora Line P-D/I 1550/800 Lm 3000K Dali	3UDH03XXH202	Incl. PSU	220-240V	21.3	110	83	16.6	0.95	I
Aviora Line P-D/I 1650/850 Lm 4000K No dim	3UDH03XXF302	Incl. PSU	220-240V	21.3	117	83	16.9	0.95	I
Aviora Line P-D/I 1650/850 Lm 4000K 1-10V & Push	3UDH03XXG302	Incl. PSU	220-240V	21.3	117	83	16.9	0.96	I
Aviora Line P-D/I 1650/850 Lm 4000K Dali	3UDH03XXH302	Incl. PSU	220-240V	21.3	117	83	16.9	0.95	I

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



RECESSED FOR MODULAR CEILINGS

AVIORA



595x595 / 620x620 mm

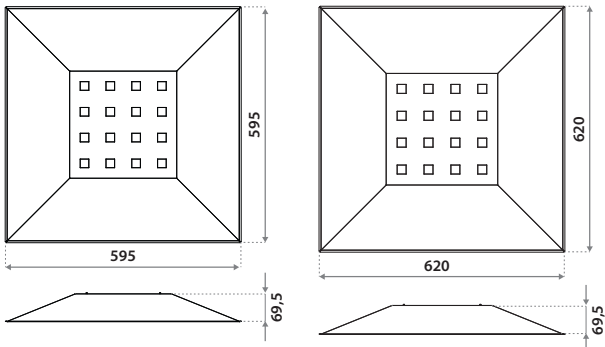
COLOURS

Matt white
RAL 9016

RECESSED FOR MODULAR CEILINGS

Aviora

DIMENSIONS



SPECIFICATIONS

Dimensions	595x595 (XX=33) / 620x620 (XX=27)
Colour	Matt white RAL 9016 (=MW)
Beam angle (FWHM)	Standard 85° (100° FWTM) On request 75° (90° FWTM)
UGR (4H8H 70/50/20)	<19
Fixture material	Housing: Metal 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
Energy class	A+

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.

TUNABLE
WHITE

IP20

MADE IN
HOLLAND

7 YEAR
WARRANTY

ECO

TE

UGR
<19

SAMSUNG

TE

SHC

TCIB

CHOOSE YOUR LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt	
			3000K	4000K	3000K	4000K
Special request	500	26.6	3200	3400	120	128
Special request	550	29.3	3500	3750	119	128
Standard	700	37.3	4100	4350	110	117
Special request	900	47.5	5000	5300	105	112
Standard	1050	56.0	5350	5650	96	101

ITEM SPECIFICATIONS

Description	Item code	Extra	Input	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Aviora MLM 4100 Lm 3000K No dim	XX2503MW6E02	Incl. PSU	220-240V	37.3	110	83	16.8	0.98	II
Aviora MLM 4100 Lm 3000K 1-10V & Push	XX2503MW6A02	Incl. PSU	220-240V	37.3	110	83	16.8	0.98	II
Aviora MLM 4100 Lm 3000K Dali	XX2503MW6C02	Incl. PSU	220-240V	37.3	110	83	16.8	0.98	II
Aviora MLM 5350 Lm 3000K No dim	XX2503MW6L02	Incl. PSU	220-240V	56.0	96	83	17.8	0.95	II
Aviora MLM 5350 Lm 3000K 1-10V & Push	XX2503MW6G02	Incl. PSU	220-240V	56.0	96	83	17.8	0.95	II
Aviora MLM 5350 Lm 3000K Dali	XX2503MW6J02	Incl. PSU	220-240V	56.0	96	83	17.8	0.95	II
Aviora MLM 4350 Lm 4000K No dim	XX2503MW6F02	Incl. PSU	220-240V	37.3	117	83	17.0	0.98	II
Aviora MLM 4350 Lm 4000K 1-10V & Push	XX2503MW6B02	Incl. PSU	220-240V	37.3	117	83	17.0	0.98	II
Aviora MLM 4350 Lm 4000K Dali	XX2503MW6D02	Incl. PSU	220-240V	37.3	117	83	17.0	0.98	II
Aviora MLM 5650 Lm 4000K No dim	XX2503MW6M02	Incl. PSU	220-240V	56.0	101	83	17.9	0.95	II
Aviora MLM 5650 Lm 4000K 1-10V & Push	XX2503MW6H02	Incl. PSU	220-240V	56.0	101	83	17.9	0.95	II
Aviora MLM 5650 Lm 4000K Dali	XX2503MW6K02	Incl. PSU	220-240V	56.0	101	83	17.9	0.95	II
Aviora MLM 3500 Lm 2700-6500K Dali	XX2503MW6P02	Incl. PSU	220-240V	26.6	132	83	16.3	> 0.9	I
Aviora MLM 3500 Lm 2700-6500K Casambi	XX2503MW6Q02	Incl. PSU	220-240V	26.6	132	83	16.3	> 0.9	I

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



RECESSED FOR MODULAR CEILINGS

AVIORA



RECESSED FOR MODULAR CEILINGS



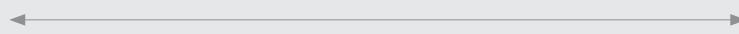
Recessed for modular ceilings

-

Mercedes showroom Ejner Hessel Vejne
Aviora

RECESSED FOR MODULAR CEILINGS

LED PANEL 595X595



595x595 mm

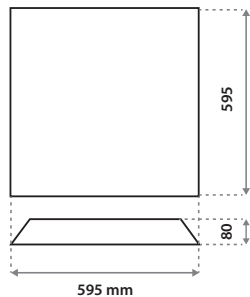
COLOURS

Matt white
RAL 9016

RECESSED FOR MODULAR CEILINGS

LED panel 595x595

DIMENSIONS



SPECIFICATIONS

Colour white	Matt white RAL 9016 (=MW)
Beam angle (FWHM)	100°
Input voltage (DC)	Max. 1050 mAmp (max. 48V)
UGR (4H8H 70/50/20)	<19
Fixture material	Metal / PS
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
Energy class	A+

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.

TUNABLE
WHITE

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	Lumen Output		Lumen / Watt	
			3000K	4000K	3000K	4000K
Special request	350	17.0	2250	2400	132	141
Standard	500	24.8	3250	3450	131	139
Special request	550	27.5	3550	3750	129	136
Special request	700	35.9	4450	4700	124	131
Special request	900	47.1	5650	5950	120	126
Standard	1050	56.1	6500	6850	116	122

ITEM SPECIFICATIONS

Description	Item code	Extra	Input	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
LED panel MLM 595X595 3250 Lm 3000K CRI80 No dim	302303MW7E02	Incl. PSU	220-240V	17.0-56.1	132-116	83	18.0	0.97	I
LED panel MLM 595X595 3250 Lm 3000K CRI80 1-10V & Push	302303MW7A02	Incl. PSU	220-240V	17.0-56.1	132-116	83	18.0	0.97	II
LED panel MLM 595X595 3250 Lm 3000K CRI80 Dali	302303MW7C02	Incl. PSU	220-240V	17.0-56.1	132-116	83	18.0	0.97	II
LED panel MLM 595X595 6500 Lm 3000K CRI80 No dim	302303MW7L02	Incl. PSU	220-240V	17.0-56.1	132-116	83	20.4	0.99	II
LED panel MLM 595X595 6500 Lm 3000K CRI80 1-10V & Push	302303MW7G02	Incl. PSU	220-240V	17.0-56.1	132-116	83	20.4	0.99	II
LED panel MLM 595X595 6500 Lm 3000K CRI80 Dali	302303MW7J02	Incl. PSU	220-240V	17.0-56.1	132-116	83	20.4	0.99	II
LED panel MLM 595X595 3450 Lm 4000K CRI80 No dim	302303MW7F02	Incl. PSU	220-240V	17.0-56.1	141-122	83	18.2	0.97	I
LED panel MLM 595X595 3450 Lm 4000K CRI80 1-10V & Push	302303MW7B02	Incl. PSU	220-240V	17.0-56.1	141-122	83	18.2	0.97	II
LED panel MLM 595X595 3450 Lm 4000K CRI80 Dali	302303MW7D02	Incl. PSU	220-240V	17.0-56.1	141-122	83	18.2	0.97	II
LED panel MLM 595X595 6850 Lm 4000K CRI80 No dim	302303MW7M02	Incl. PSU	220-240V	17.0-56.1	141-122	83	20.6	0.99	II
LED panel MLM 595X595 6850 Lm 4000K CRI80 1-10V & Push	302303MW7H02	Incl. PSU	220-240V	17.0-56.1	141-122	83	20.6	0.99	II
LED panel MLM 595X595 6850 Lm 4000K CRI80 Dali	302303MW7K02	Incl. PSU	220-240V	17.0-56.1	141-122	83	20.6	0.99	II
LED panel MLM 595X595 3500 Lm 2700-6500K Dali	302303MW6P02	Incl. PSU	220-240V	24.8	141	83	18.3	> 0.9	I
LED panel MLM 595X595 3500 Lm 2700-6500K Casambi	302303MW6Q02	Incl. PSU	220-240V	24.8	141	83	18.3	> 0.9	I

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



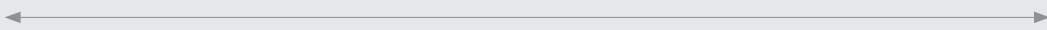
RECESSED FOR MODULAR CEILINGS

LED PANEL 1195X295

COLOURS



Matt white
RAL 9016

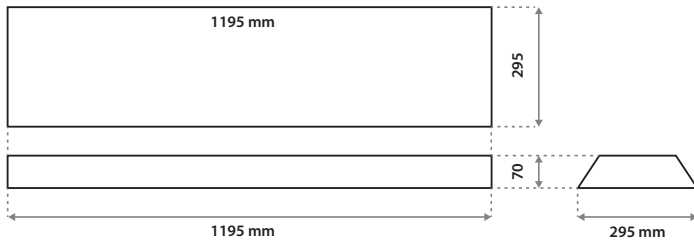


1195x295 mm

RECESSED FOR MODULAR CEILINGS

LED panel 1195x295

DIMENSIONS



SPECIFICATIONS

Colour white	Matt white RAL 9016 (=MW)
Beam angle (FWHM)	100°
Input voltage (DC)	Max. 1050 mAmp (max. 48V)
UGR (4H8H 70/50/20)	<19
Fixture material	Metal / PS
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
Energy class	A+

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.

TUNABLE
WHITE

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



SAMSUNG

TE

bhc

TCB

CHOOSE YOUR LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt	
			3000K	4000K	3000K	4000K
Special request	350	17.0	2350	2550	138	150
Standard	500	24.8	3400	3600	137	145
Special request	550	27.5	3700	3950	135	144
Special request	700	35.9	4700	4950	131	138
Special request	900	47.1	6000	6300	127	134
Standard	1050	56.1	6900	7250	123	129

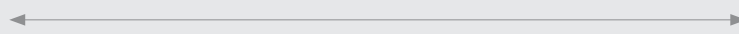
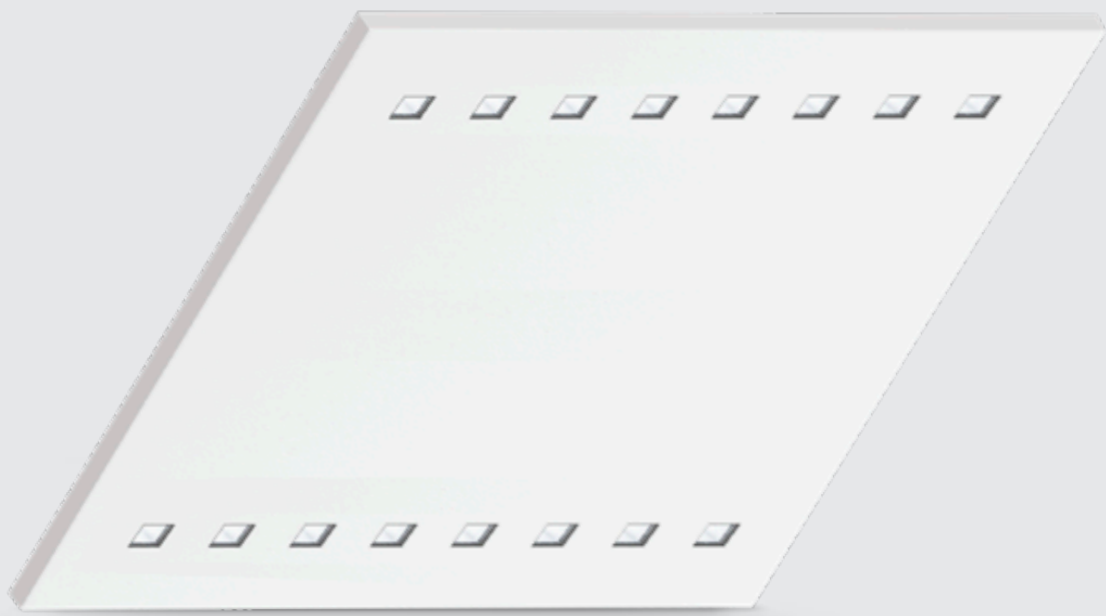
ITEM SPECIFICATIONS

Description	Item code	Extra	Input	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
LED panel MLM 1195x295 3400 Lm 3000K CRI80 No dim	322303MW7S02	Incl. PSU	220-240V	17.0-56.1	138-123	83	18.3	0.97	II
LED panel MLM 1195x295 3400 Lm 3000K CRI80 1-10V & Push	322303MW7N02	Incl. PSU	220-240V	17.0-56.1	138-123	83	18.3	0.97	II
LED panel MLM 1195x295 3400 Lm 3000K CRI80 Dali	322303MW7Q02	Incl. PSU	220-240V	17.0-56.1	138-123	83	18.3	0.97	II
LED panel MLM 1195x295 6900 Lm 3000K CRI80 No dim	322303MW7Y02	Incl. PSU	220-240V	17.0-56.1	138-123	83	20.8	0.99	II
LED panel MLM 1195x295 6900 Lm 3000K CRI80 1-10V & Push	322303MW7U02	Incl. PSU	220-240V	17.0-56.1	138-123	83	20.8	0.99	II
LED panel MLM 1195x295 6900 Lm 3000K CRI80 Dali	322303MW7W02	Incl. PSU	220-240V	17.0-56.1	138-123	83	20.8	0.99	II
LED panel MLM 1195x295 3600 Lm 4000K CRI80 No dim	322303MW7T02	Incl. PSU	220-240V	17.0-56.1	150-129	83	18.5	0.97	II
LED panel MLM 1195x295 3600 Lm 4000K CRI80 1-10V & Push	322303MW7P02	Incl. PSU	220-240V	17.0-56.1	150-129	83	18.5	0.97	II
LED panel MLM 1195x295 3600 Lm 4000K CRI80 Dali	322303MW7R02	Incl. PSU	220-240V	17.0-56.1	150-129	83	18.5	0.97	II
LED panel MLM 1195x295 7250 Lm 4000K CRI80 No dim	322303MW7Z02	Incl. PSU	220-240V	17.0-56.1	150-129	83	20.9	0.99	II
LED panel MLM 1195x295 7250 Lm 4000K CRI80 1-10V & Push	322303MW7V02	Incl. PSU	220-240V	17.0-56.1	150-129	83	20.9	0.99	II
LED panel MLM 1195x295 7250 Lm 4000K CRI80 Dali	322303MW7X02	Incl. PSU	220-240V	17.0-56.1	150-129	83	20.9	0.99	II
LED panel MLM 1195x295 3650 Lm 2700-6500K Dali	322303MW6P02	Incl. PSU	220-240V	24.8	147	83	18.6	> 0.9	I
LED panel MLM 1195x295 3650 Lm 2700-6500K Casambi	322303MW6Q02	Incl. PSU	220-240V	24.8	147	83	18.6	> 0.9	I

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



AVIORA FL 595X595 / 620X620



595x595 / 620x620 mm

COLOURS

Matt white
RAL 9016

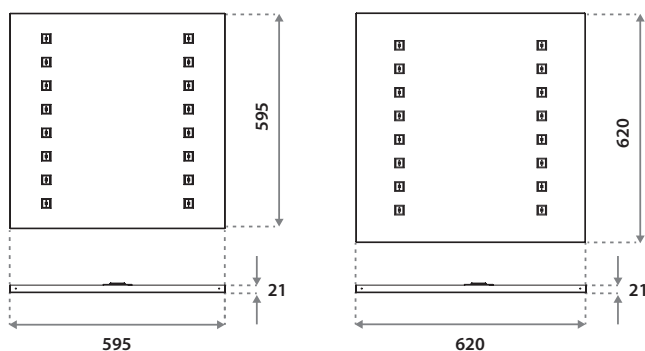
ON REQUEST



For other versions such as air sleeves or other dimensions please ask our sales department.

Aviora FL 595x595 / 620x620

DIMENSIONS



SPECIFICATIONS

Dimensions	595x595 (XX=33) / 620x620 (XX=27)
Colour	Matt white RAL 9016 (=MW)
Beam angle (FWHM)	Standard 85° (100° FWTM) On request 75° (90° FWTM)
UGR (4H8H 70/50/20)	<19
Fixture material	Housing: Steel 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
Energy class	A+

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:
- Other dimensions

IP20



CHOOSE YOUR LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt	
			3000K	4000K	3000K	4000K
Special request	500	26.6	3200	3400	120	128
Special request	550	29.3	3500	3750	119	128
Standard	700	37.3	4100	4350	110	117
Special request	900	47.5	5000	5300	105	112
Standard	1050	56.0	5350	5650	96	101

ITEM SPECIFICATIONS

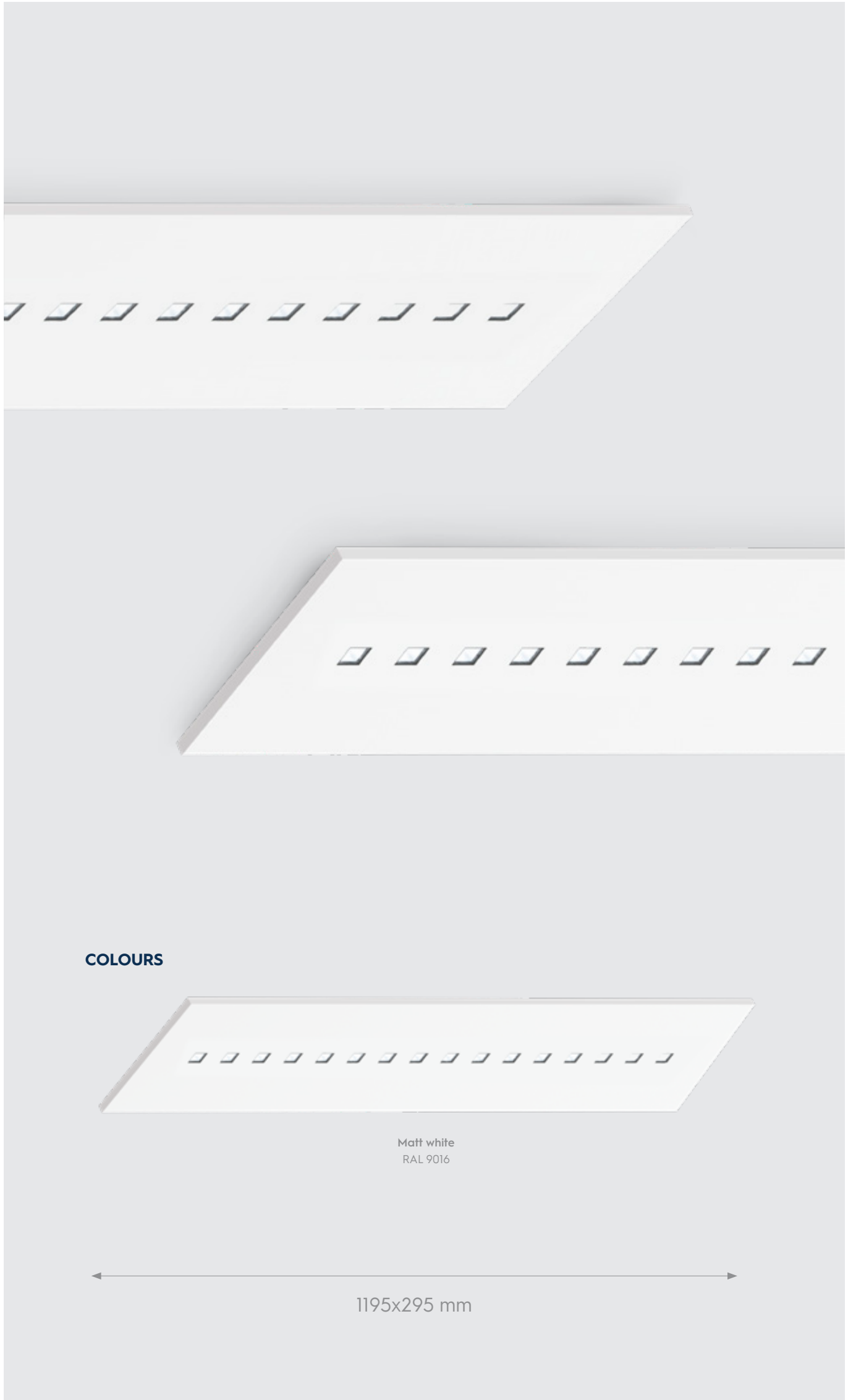
Description	Item code	Extra	Input	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Aviora FL 4100 Lm 3000K No dim	XXED03MWF202	Incl. PSU	220-240V	37.3	110	83	15.7	0.98	II
Aviora FL 4100 Lm 3000K 1-10V & Push	XXED03MWG202	Incl. PSU	220-240V	37.3	110	83	15.7	0.95	II
Aviora FL 4100 Lm 3000K Dali	XXED03MWH202	Incl. PSU	220-240V	37.3	110	83	15.7	0.95	II
Aviora FL 5350 Lm 3000K No dim	XXEE03MWF202	Incl. PSU	220-240V	56.0	96	83	16.6	0.95	II
Aviora FL 5350 Lm 3000K 1-10V & Push	XXEE03MWG202	Incl. PSU	220-240V	56.0	96	83	16.6	0.95	II
Aviora FL 5350 Lm 3000K Dali	XXEE03MWH202	Incl. PSU	220-240V	56.0	96	83	16.6	0.95	II
Aviora FL 4350 Lm 4000K No dim	XXED03MWF302	Incl. PSU	220-240V	37.3	117	83	15.9	0.98	II
Aviora FL 4350 Lm 4000K 1-10V & Push	XXED03MWG302	Incl. PSU	220-240V	37.3	117	83	15.9	0.95	II
Aviora FL 4350 Lm 4000K Dali	XXED03MWH302	Incl. PSU	220-240V	37.3	117	83	15.9	0.95	II
Aviora FL 5650 Lm 4000K No dim	XXEE03MWF302	Incl. PSU	220-240V	56.0	101	83	16.8	0.95	II
Aviora FL 5650 Lm 4000K 1-10V & Push	XXEE03MWG302	Incl. PSU	220-240V	56.0	101	83	16.8	0.95	II
Aviora FL 5650 Lm 4000K Dali	XXEE03MWH302	Incl. PSU	220-240V	56.0	101	83	16.8	0.95	II

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



RECESSED FOR MODULAR CEILINGS

AVIORA FL 1195X295



COLOURS

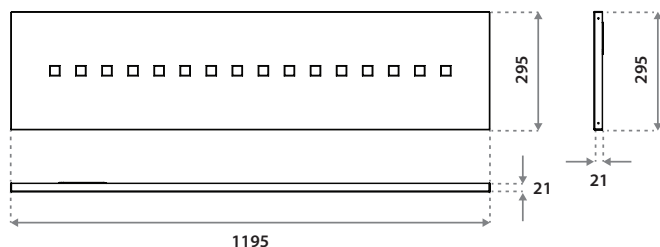
Matt white
RAL 9016

1195x295 mm

RECESSED FOR MODULAR CEILINGS

Aviora FL 1195x295

DIMENSIONS



SPECIFICATIONS

Colour	Matt white RAL 9016 (=MW)
Beam angle (FWHM)	Standard 85° (100° FWTM) On request 75° (90° FWTM)
UGR (4H8H 70/50/20)	<19
Fixture material	Housing: Steel 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
Energy class	A+

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:

- Other dimensions

IP20



LUMILEDS

bhc

TCI

CHOOSE YOUR LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt	
			3000K	4000K	3000K	4000K
Special request	500	26.6	3200	3400	120	128
Special request	550	29.3	3500	3750	119	128
Standard	700	37.3	4100	4350	110	117
Special request	900	47.5	5000	5300	105	112
Standard	1050	56.0	5350	5650	96	101

ITEM SPECIFICATIONS

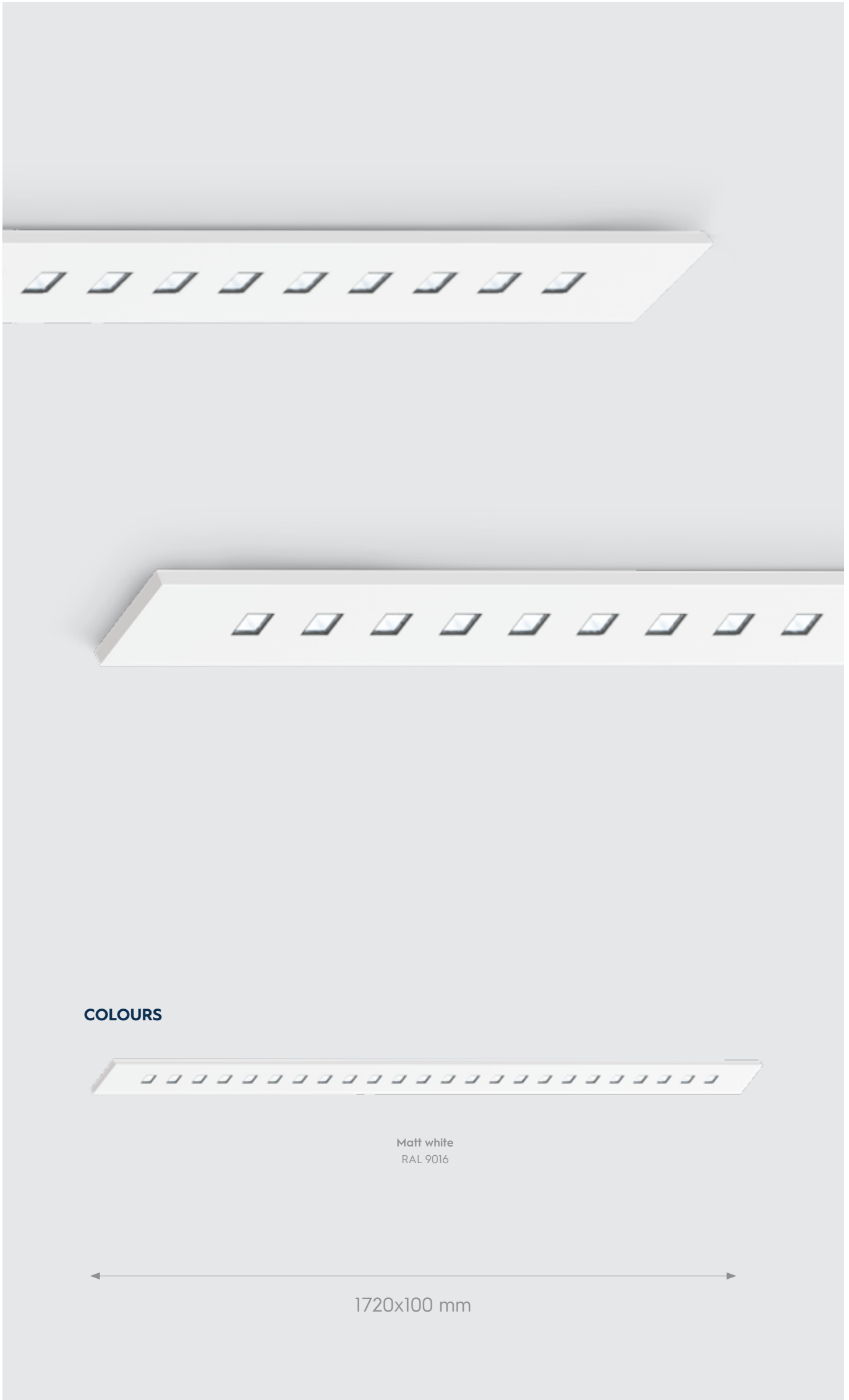
Description	Item code	Extra	Input	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Aviora FL 1195x295 4100 Lm 3000K No dim	38DH03MWF202	Incl. PSU	220-240V	37.3	110	83	17.8	0.98	II
Aviora FL 1195x295 4100 Lm 3000K 1-10V & Push	38DH03MWG202	Incl. PSU	220-240V	37.3	110	83	17.8	0.95	II
Aviora FL 1195x295 4100 Lm 3000K Dali	38DH03MWH202	Incl. PSU	220-240V	37.3	110	83	17.8	0.95	II
Aviora FL 1195x295 5350 Lm 3000K No dim	38DJ03MWF202	Incl. PSU	220-240V	56.0	96	83	18.7	0.95	II
Aviora FL 1195x295 5350 Lm 3000K 1-10V & Push	38DJ03MWG202	Incl. PSU	220-240V	56.0	96	83	18.7	0.95	II
Aviora FL 1195x295 5350 Lm 3000K Dali	38DJ03MWH202	Incl. PSU	220-240V	56.0	96	83	18.7	0.95	II
Aviora FL 1195x295 4350 Lm 4000K No dim	38DH03MWF302	Incl. PSU	220-240V	37.3	117	83	18.0	0.98	II
Aviora FL 1195x295 4350 Lm 4000K 1-10V & Push	38DH03MWG302	Incl. PSU	220-240V	37.3	117	83	18.0	0.95	II
Aviora FL 1195x295 4350 Lm 4000K Dali	38DH03MWH302	Incl. PSU	220-240V	37.3	117	83	18.0	0.95	II
Aviora FL 1195x295 5650 Lm 4000K No dim	38DJ03MWF302	Incl. PSU	220-240V	56.0	101	83	18.9	0.95	II
Aviora FL 1195x295 5650 Lm 4000K 1-10V & Push	38DJ03MWG302	Incl. PSU	220-240V	56.0	101	83	18.9	0.95	II
Aviora FL 1195x295 5650 Lm 4000K Dali	38DJ03MWH302	Incl. PSU	220-240V	56.0	101	83	18.9	0.95	II

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



RECESSED FOR MODULAR CEILINGS

AVIORA FL 1720X100



COLOURS

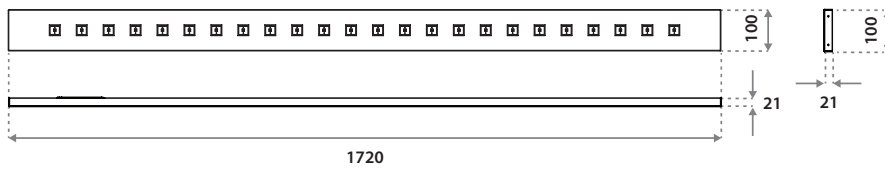
Matt white
RAL 9016

1720x100 mm

RECESSED FOR MODULAR CEILINGS

Aviora FL 1720x100

DIMENSIONS



SPECIFICATIONS

Colour	Mat white RAL 9016 (=MW)
Beam angle (FWHM)	Standard 85° (100° FWTM) On request 75° (90° FWTM)
UGR (4H8H 70/50/20)	<19
Fixture material	Housing: Steel 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
Energy class	A+

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:

- Other dimensions



CHOOSE YOUR LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt	
			3000K	4000K	3000K	4000K
Special request	350	26.4	3050	3200	116	121
Special request	500	38.6	4300	4500	111	117
Standard	700	56.0	5800	6100	104	109

ITEM SPECIFICATIONS

Description	Item code	Extra	Input	W	Lm/W	CRI (typ.)	UGR	Pf	Safety class
Aviora FL 1720x100 5800 Lm 3000K No dim	3ADJ03MWF202	Incl. PSU	220-240V	56.0	104	83	17.6	0.95	II
Aviora FL 1720x100 5800 Lm 3000K 1-10V & Push	3ADJ03MWG202	Incl. PSU	220-240V	56.0	104	83	17.6	0.95	II
Aviora FL 1720x100 5800 Lm 3000K Dali	3ADJ03MWH202	Incl. PSU	220-240V	56.0	104	83	17.6	0.95	II
Aviora FL 1720x100 6100 Lm 4000K No dim	3ADJ03MWF302	Incl. PSU	220-240V	56.0	109	83	17.8	0.95	II
Aviora FL 1720x100 6100 Lm 4000K 1-10V & Push	3ADJ03MWG302	Incl. PSU	220-240V	56.0	109	83	17.8	0.95	II
Aviora FL 1720x100 6100 Lm 4000K Dali	3ADJ03MWH302	Incl. PSU	220-240V	56.0	109	83	17.8	0.95	II

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



RECESSED FOR MODULAR CEILINGS

AVIORA FL

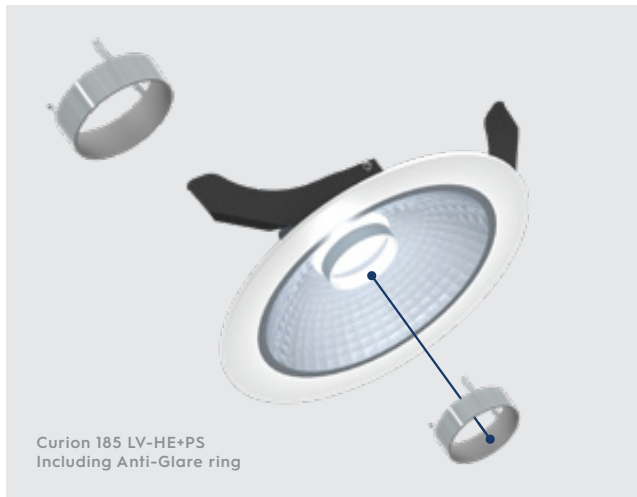


RECESSED FOR MODULAR CEILINGS



Recessed for modular ceilings
-
Aviora FL

Downlights



ANTI-GLARE RING

The Anti-Glare ring eliminates direct blinding of the eyes. It can be easily mounted (without prior production). For use with Curion 185 only.

Item code	009503CH0000
Colour	Chrome
Type of material	Polycarbonate



CORRECTION RING 75-110 MM

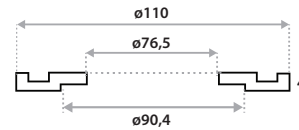
The correction ring is used in (retrofit) installations with existing cutouts measuring 75-100 mm. For use with Fluxe 75, Linea 75 and Curion 75.

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

ACCESSORIES

CORRECTION RING

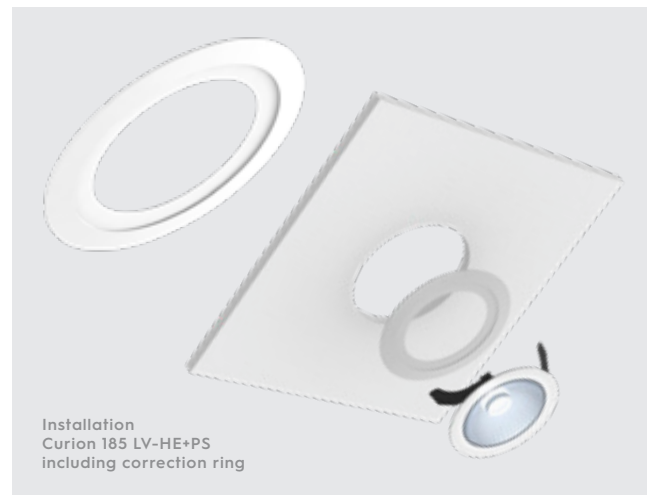
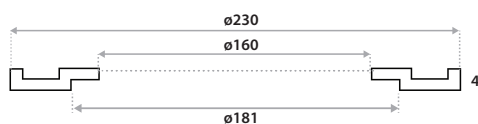
The LED luminaire fits flush in the correction ring, creating a natural and elegant look. The correction ring can also be placed inside the ceiling to prevent the springs from damaging the ceiling panel.



CORRECTION RING 150-230 MM

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

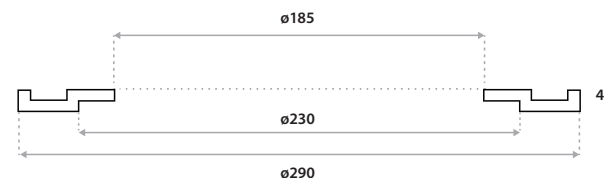
Item code	009703MW0000
Colour	Matt White RAL 9016
Type of material	Steel



CORRECTION RING 185-290 MM

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

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



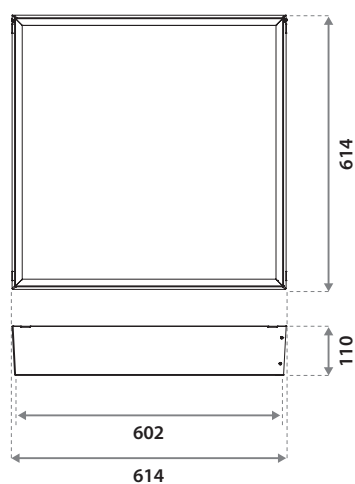
Panels



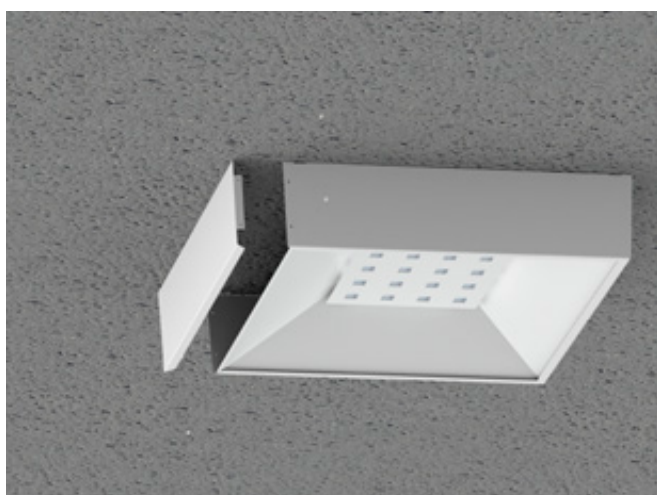
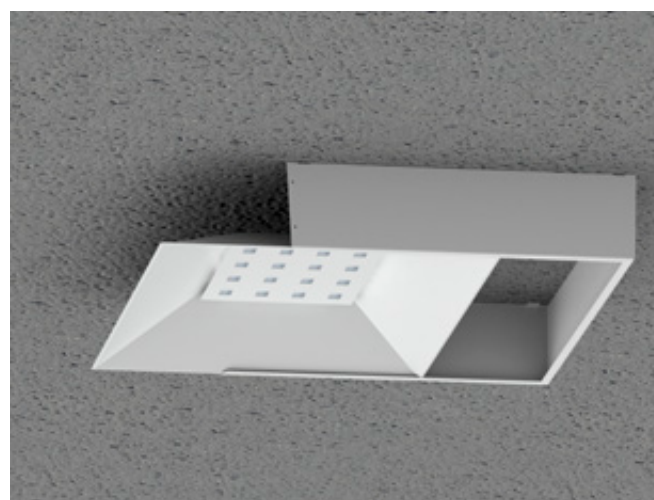
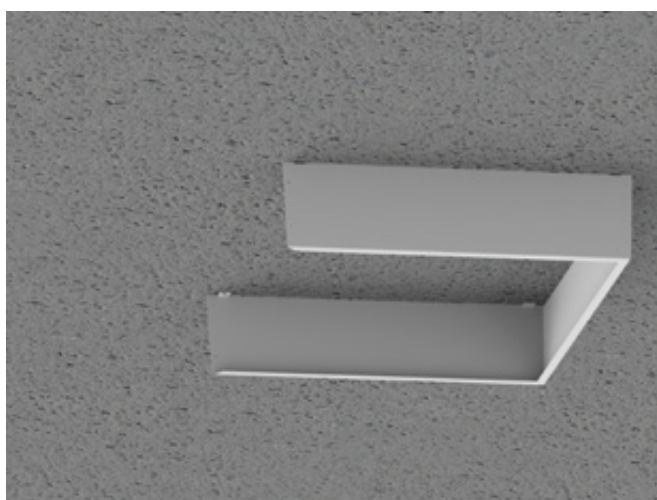
SM LED PANEL FRAME

Surface mounting panel frame for 595x595 LED panels.

Item code	00BN03MW0100
Colour	Matt White RAL 9016
Type of material	Metal

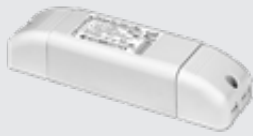


INSTALLATION



Dimmable central PSU

350 / 500 / 700 MA



1
05CG / 05GG / 05MG TRIAC
- Max. 3 downlights (47Vf)



1
05CJ / 05GJ / 05MJ DALI
- Max. 4 downlights (48Vf)



1
05CH / 05GH / 05MH 1-10V & Push
- Max. 4 downlights (53Vf)



1
05CM / 05GM / 05MM Dali / 1-10V & Push
- Max. 6 downlights (74Vf)

DIMMABLE CENTRAL POWER SUPPLIES

350mA - 05CG03MLMD00 / 05CJ03MLMD00 / 05CH03MLMD00 / 05CM03MLMD00

500mA - 05GG03MLME00 / 05GJ03MLME00 / 05GH03MLME00 / 05GM03MLME00

700mA - 05MG03MLMF00 / 05MJ03MLMF00 / 05MH03MLMF00 / 05MM03MLMF00

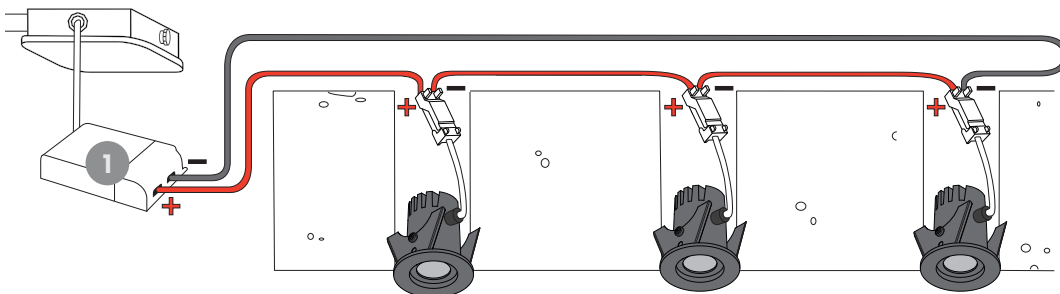
POWER SUPPLY UNITS CONSTANT CURRENT (mA)

Description	Item code	Watt	Current	Efficiency	Pf	Ripple	Input	Dimensions	Inrush current	B-16A Fuse
PSU 32W 350mA Triac	05CG03MLMD00	32W (47Vf)	350mA	85%	0.97	<3%	220-240V	166x46x34 mm	5A 50µS	50 pcs
PSU 32W 350mA Dali	05CJ03MLMD00	32W (48Vf)	350mA	87%	0.98	<3%	220-240V	103x67x21 mm	5A 50µS	50 pcs
PSU 32W 350mA 1-10V & Push	05CH03MLMD00	32W (53Vf)	350mA	90%	0.95	<3%	220-240V	103x67x21 mm	5A 50µS	50 pcs
PSU 60W 350mA Dali / 1-10V & Push	05CM03MLMD00	60W (74Vf)	350mA	89%	0.95	<3%	220-240V	124x79x22 mm	10A 200µS	30 pcs
PSU 32W 500mA Triac	05GG03MLME00	32W (47Vf)	500mA	85%	0.97	<3%	220-240V	166x46x34 mm	5A 50µS	50 pcs
PSU 32W 500mA Dali	05GJ03MLME00	32W (48Vf)	500mA	87%	0.98	<3%	220-240V	103x67x21 mm	5A 50µS	50 pcs
PSU 32W 500mA 1-10V & Push	05GH03MLME00	32W (53Vf)	500mA	90%	0.95	<3%	220-240V	103x67x21 mm	5A 50µS	50 pcs
PSU 60W 500mA Dali / 1-10V & Push	05GM03MLME00	60W (74Vf)	500mA	89%	0.95	<3%	220-240V	124x79x22 mm	10A 200µS	30 pcs
PSU 32W 700mA Triac	05MG03MLMF00	32W (47Vf)	700mA	85%	0.97	<3%	220-240V	166x46x34 mm	5A 50µS	50 pcs
PSU 32W 700mA Dali	05MJ03MLMF00	32W (48Vf)	700mA	87%	0.98	<3%	220-240V	103x67x21 mm	5A 50µS	50 pcs
PSU 32W 700mA 1-10V & Push	05MH03MLMF00	32W (53Vf)	700mA	90%	0.95	<3%	220-240V	103x67x21 mm	5A 50µS	50 pcs
PSU 60W 700mA Dali / 1-10V & Push	05MM03MLMF00	60W (74Vf)	700mA	89%	0.95	<3%	220-240V	124x79x22 mm	10A 200µS	30 pcs

ACCESSORIES

INSTALLATION DIMMABLE CENTRAL POWER SUPPLY

Downlight including Phoenix to connection box.



⚠ All spots should be connected in series!

Non dimmable central PSU

24VDC



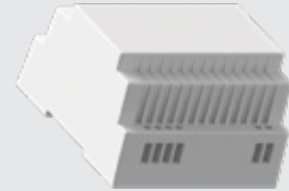
6

Central power supply
- 05BW03MLMC00



6

Central power supply
- 703805000002
- 703905000002



11

Central DIN rail power supply
- 704005000002
- 704105000002

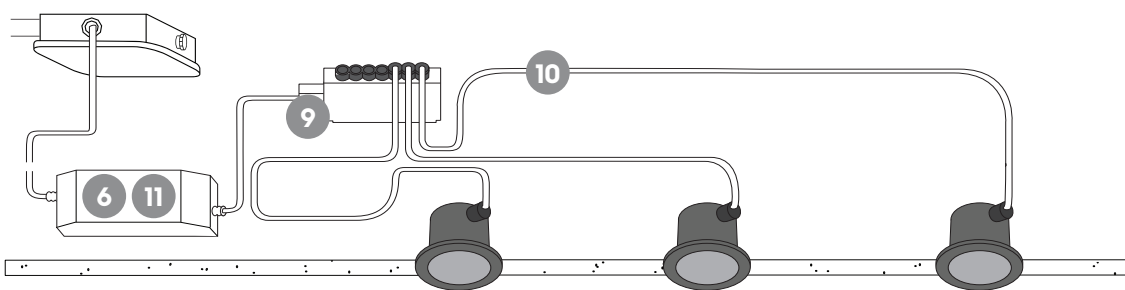
POWER SUPPLY UNITS CONSTANT VOLTAGE (Vdc)

	Description	Item code	Watt	Voltage	Efficiency	Pf	Ripple	Input	Dimensions	Inrush current	B-16A Fuse
6	PSU 05BW	05BW03MLMC00	20W	24Vdc	87%	0.93	<3%	220-240V	111x52x22 mm	5A 50µS	50 pcs
6	PSU 7038	703805000002	70W	24Vdc	91%	0.97	<3%	220-240V	225x60x36 mm	15A 600µS	15 pcs
6	PSU 7039	703905000002	150W	24Vdc	94%	0.98	<3%	220-240V	240x60x49 mm	35A 1000µS	8 pcs
11	PSU MW DR60	704005000002	60W	24Vdc	84%	0.92	<3%	100-240V	93x78x56 mm	35A	
11	PSU MW DR100	704105000002	100W	24Vdc	89%	0.92	<3%	100-240V	100x93x56 mm	45A	

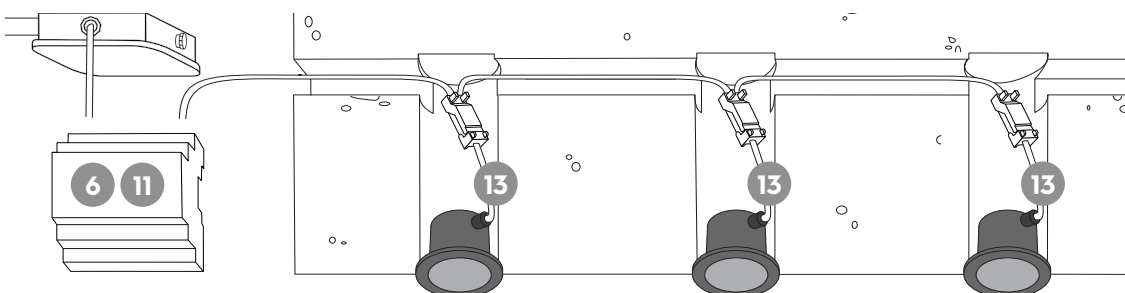
PLUG & PLAY CABLES

	Description	Item code	Voltage	Weight
9	LV cable 6 way distributor 1.0 m	639305BL0000	24Vdc	60 gr
10	LV plug to outlet 2.0 m (extension cable)	535205BL1200	24Vdc	40 gr
13	LV plug to connection box 0.2 m	555205BL0000	24Vdc	32 gr

INSTALLATION NON DIMMABLE CENTRAL POWER SUPPLY



INSTALLATION NON DIMMABLE CENTRAL DIN RAIL POWER SUPPLY



⚠ All spots should be parallel connected!

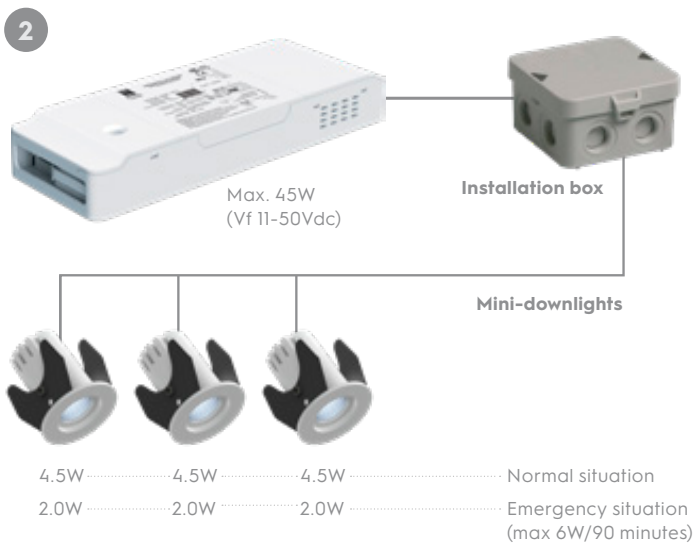
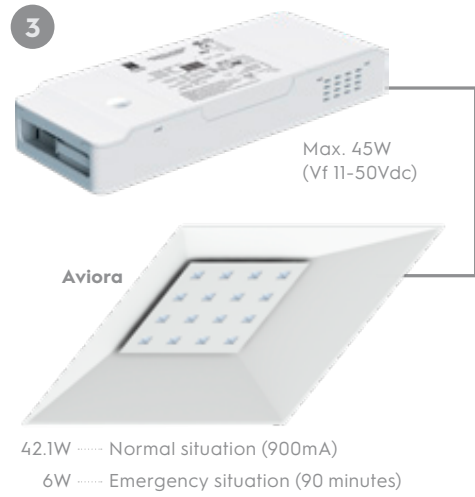
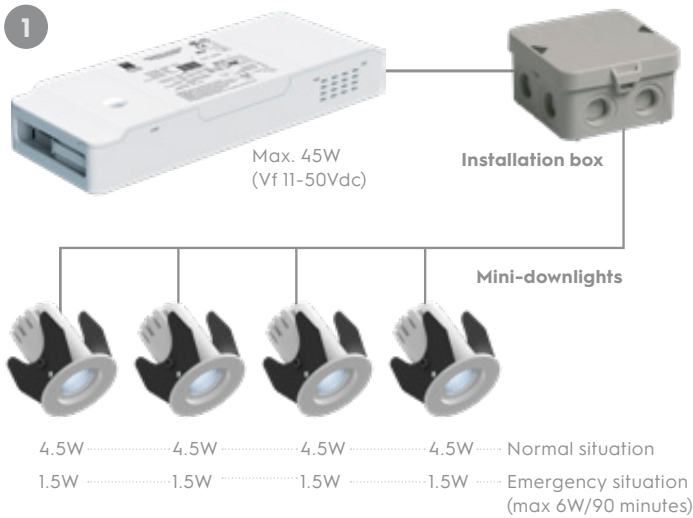
Emergency LED System



FEATURES

- All-in-one unit combines 0-10V dimmable LED driver, emergency LED driver, and replaceable backup battery
- Autotest
- Expected lifetime battery: 10 years

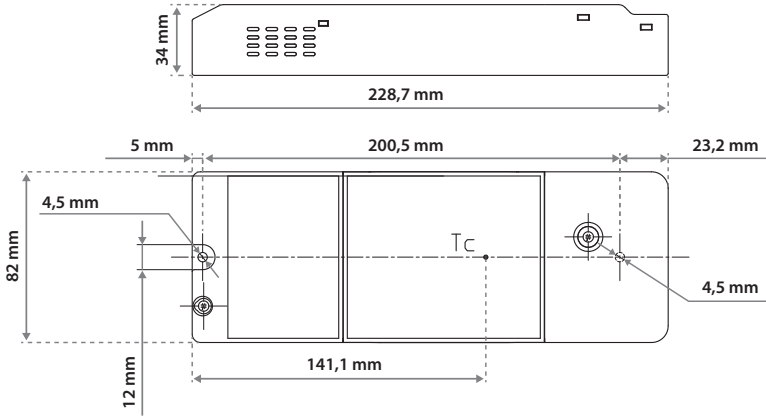
INSTALLATION EXAMPLES



SPECIFICATIONS

Item code	EP-UNIV-I-10V EP-UNIV-DALI (Q3 2019)
Input Voltage	220-240VAC, 50/60Hz
Input Current	0.27A Max.
Input Power	58W
Power Factor	>0.9
THD	<20%
Standby Power	<0.5W
Output Type	SELV
Output Current	250-1400mA
Output Voltage Range	11-50VDC
Output Power	45W (1W to 6W @ Emergency)
Output runtime	Minimum 90min at 6W, Minimum 180 Minutes at 3W (Factory set for 6W / 90min)
RFI/EMI	EN55015
Battery type	LiFePO4
Recharge time	12 hours
Warranty	7 years

DIMENSIONS



AUTOTEST EXPLANATION

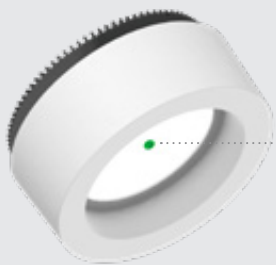
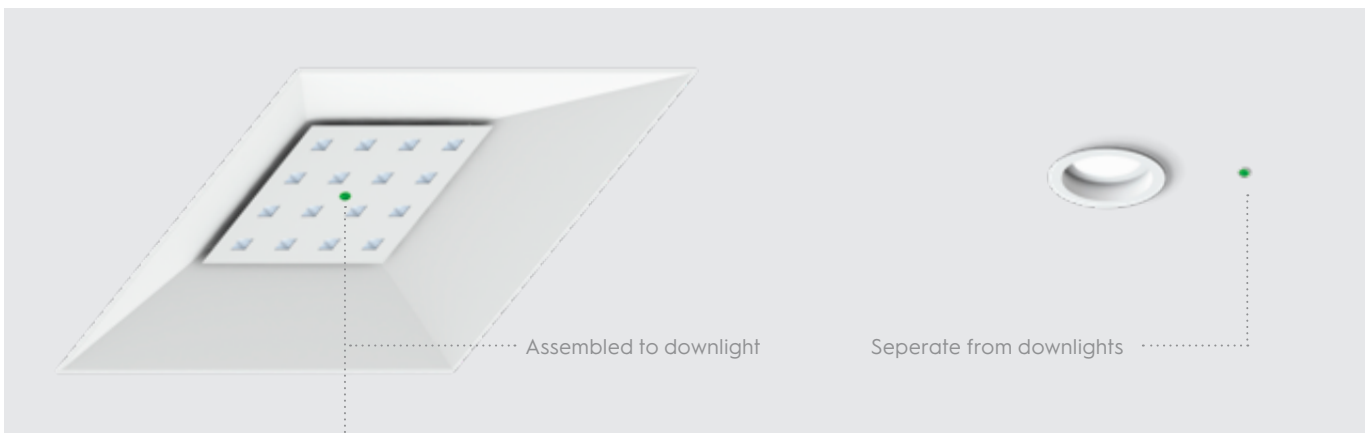
Every 30 days the unit will perform an automatic test to see if the battery is still ok. This test will take a couple of minutes. Every year the unit will perform an automatic test which will take 60 minutes.

Red colour:
Battery need to be replaced"

Green colour:
Battery is still ok



Emergency packs HV



Aviora 595x595
Aviora 620x620
Fluxe 185
Curion 185
Cylinder 235
Lido 235

SPECIFICATIONS

LED	1 x 3W LED
Light Output (Emergency)	110 Lm
Discharge duration	3 hours
Life time of battery	4 years
Spec of battery	4.8V NI_CD Battery
LED protection	Overcharge and discharge protection

EMERGENCY PACK 185 HV 3HRS

GST18 4-P male

Version	Assembled to downlight
Item code	185HV3EP3-4



EMERGENCY PACK 32-HV 3HR

GST18 4-P male

Version	Seperate from downlights
Item code	75HV3EP3-4



EMERGENCY PACK 32-HV 3HR

Specification to mains 1.5 mm²

Version	4-pole
Item code	P03-201049BL



Plug & play cables



LV PLUG

EASY INSTALLATION

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

GST18 CABLING ON REQUEST

(See table for available versions and lengths)



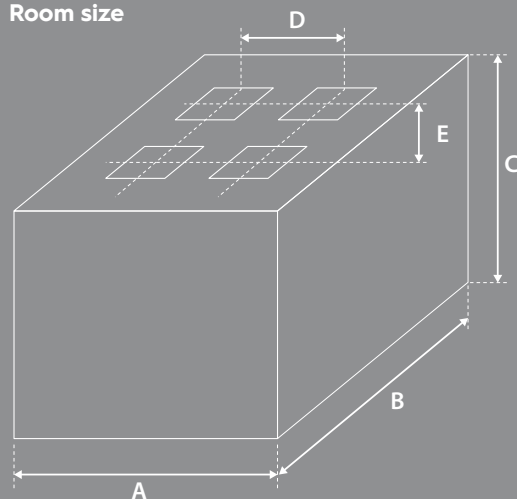
ACCESSORIES

PLUG & PLAY SOLUTIONS PREFAB:

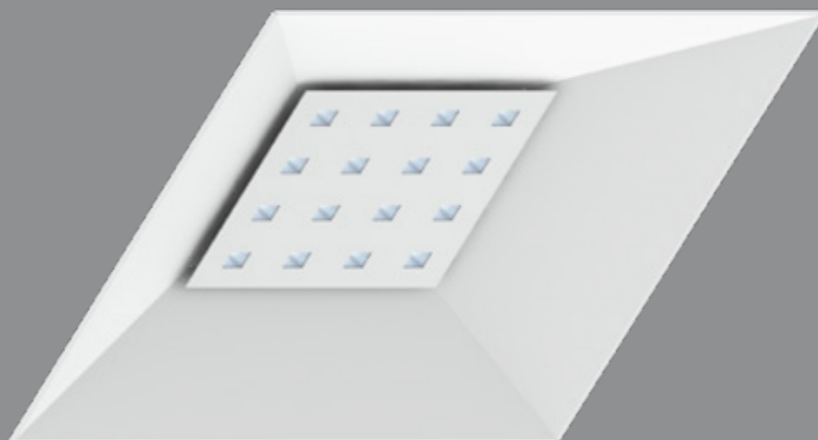
	Description	Length	Item code	Length	Item code	Length	Item code
A	EURO PLUG (C7) incl. cable	0.3 m	x	2.0 m	35-2024-BL	3.0 m	x
B	GST18-3 MALE incl. cable	0.3 m	455203BL0000	2.0 m	x	3.0 m	455203BL1500
C	1-10V/DALI GST18-5 MALE incl. cable	0.3 m	655203BL0000	2.0 m	x	3.0 m	655203BL1500
D	1-10V/DALI BST14i MALE incl. cable	0.3 m	35-2066-00	2.0 m	x	3.0 m	35-2052-00

Application table

Room size



Aviora 595x595



Room size A x B	Ceiling height C	Lamp spacing D-E	Aviora								LED Panel					
			75°				85°				System power	Amount of lamps	Eav 75cm	Es/Eav 75cm	UGR	System power
			Amount of lamps	Eav 75cm	Es/Eav 75cm	UGR	Eav 75cm	Es/Eav 75cm	UGR							
3.6x5.4m 20 m²	2.60m	1.8-2.4	2 x 4350 Lm				512	0.75	17	74.6	2 x 5950 Lm	588	0.55	20.1	82	
			4 x 2500 Lm	505	0.69	14.2				78						
			4 x 3400 Lm				602	0.72	16.2	106.4						
	2.80m	1.8-2.4	2 x 5300 Lm				566	0.72	17.7	95	2 x 5950 Lm	539	0.59	20.1	82	
			4 x 2500 Lm	481	0.70	14.2				78						
			4 x 3400 Lm	577	0.70		573	0.68	16.2	106.4						
3.00m	1.8-2.4	2 x 5300 Lm				513	0.75	17.7	95	2 x 5950 Lm	497	0.63	20.1	82		
		4 x 3400 Lm	624	0.70	15.3	546	0.66	16.2	106.4							
		2 x 5300 Lm	561	0.66	16.8				95						2 x 6850 Lm	529
5.4x5.4m 26 m²	3.40m	1.8-2.4	2 x 5300 Lm	520	0.70	16.8				95	2 x 6850 Lm	492	0.69	20.6	97.6	
			4 x 3750 Lm				507	0.80	16.5	117.2	4 x 4700 Lm	590	0.61	19.3	124.8	
	2.80m	1.8-2.4	6 x 2500 Lm	497	0.69	14.2				117	6 x 3750 Lm	494	0.59	18.5	143.4	
			4 x 4350 Lm				549	0.80	17	149.2	4 x 4700 Lm	556	0.63	19.3	124.8	
	3.00m	2.4-2.4	4 x 3750 Lm	510	0.71	15.6				117.2	4 x 4700 Lm	527	0.64	19.3	124.8	
			4 x 4350 Lm				518	0.74	17	149.2						
3.20m		2.4-2.4	4 x 3750 Lm	492	0.70	15.6				117.2	4 x 4700 Lm	499	0.66	19.3	124.8	
			4 x 4350 Lm				491	0.68	17	149.2						
3.40m	2.4-2.4	4 x 4350 Lm	545	0.68	16.2				149.2	4 x 5950 Lm	601	0.68	20.1	164		
		4 x 5300 Lm				574	0.64	17.7	190							
7.8x7.8m 50 m²	2.60m	2.4-2.4	9 x 3750 Lm				529	0.80	16.5	263.7	9 x 3750 Lm	518	0.57	18.5	215.1	
			9 x 3750 Lm	567	0.68	15.6	506	0.75	16.5	263.7	9 x 3750 Lm	499	0.61	18.5	215.1	
	3.00m	2.4-2.4	9 x 3750 Lm	549	0.66	15.6				263.7	9 x 3750 Lm	482	0.61	18.5	215.1	
			9 x 4350 Lm				567	0.69	17	335.7						
	3.20m	2.4-2.4	9 x 3750 Lm	536	0.65	15.6				263.7	9 x 4700 Lm	582	0.61	19.3	280.8	
			9 x 4350 Lm				549	0.62	17	335.7						
3.40m	2.4-2.4	9 x 3750 Lm	521	0.62	15.6				263.7	9 x 4700 Lm	563	0.61	19.3	280.8		
		9 x 4350 Lm				535	0.57	17	335.7							
9.0x9.0m 81 m²	2.60m	2.4-2.4	16 x 3400 Lm				522	0.91	16.2	425.6	16 x 3450 Lm	554	0.90	18.2	345.6	
											12 x 4700 Lm	598	0.79	19.3	374.4	
	2.80m	2.4-2.4									16 x 3450 Lm	543	0.91	18.2	345.6	
			9 x 5300 Lm				517	0.72	17.7	427.5	12 x 4700 Lm	583	0.82	19.3	374.4	
	3.00m	2.4-2.4									16 x 3450 Lm	531	0.87	18.2	345.6	
			12 x 4350 Lm				519	0.79	17	447.6	12 x 4700 Lm	567	0.80	19.3	374.4	
		3.0-3.0	9 x 5300 Lm				499	0.92	17.7	427.5						
	12 x 3750 Lm		498	0.75	15.6				351.6							
	3.20m	2.4-2.4									16 x 3450 Lm	520	0.84	18.2	345.6	
			12 x 4350 Lm	567	0.83	16.2	509	0.72	17	447.6	12 x 4700 Lm	553	0.78	19.3	374.4	
3.40m	2.4-2.4									16 x 3450 Lm	509	0.80	18.2	345.6		
		12 x 4350 Lm	556	0.77	16.2	501	0.67	17	447.6	12 x 4700 Lm	539	0.76	19.3	374.4		
	3.0-3.0	9 x 5300 Lm	534	0.83	17.1				427.5	9 x 5950 Lm	531	0.71	20	369.0		

HV dimmer recommendation list

DIMMING ILLUXTRON LIGHTING

Over the years, Illuxtron has tested a large number of dimmers with all of its high-voltage luminaires, resulting in our recommendation list for dimmers. Unfortunately a dimmer's inclusion in this list does not guarantee that it will always function 100%. Manufacturers sometimes change their dimmer specifications without notifying us.

We do however continue to test various possible combinations and report the latest developments in our newsletter and on our website. The dimmer recommendation list on the next page is the situation as of the end of 2018. We will be conducting a new round of tests to update this list in Spring 2019. In case of any dimmer problems while using Illuxtron luminaires, please contact our office.

Here are some possible reasons as to why a dimmer may not work well with our luminaires:

1. The dimmer requires a minimum load of 50 VA, for example, it only has one 10 Watt luminaire connected to it.
2. The power line carries RCS signals that interfere with the dimmers normal function. There are dimmers on the market with built-in RCS filters.
3. Other power line interferences are caused Interferences such as electric-car charging equipment. Often the only solution is to "filter" the light group. There are specialized companies that can do this for you.

Manufacturer	Product ID	Type	Power	Wires*	Dimming range			
					HV-IC		HV-FD	
					min %	max %	min %	max %
ABB	6523U	RL	2-100	2	x	x	✓ 1.0	✓ 97
Busch&Jaeger	2247U	RL	60-500	2	x	x	✓ 0.0	✓ 98
Busch&Jaeger	2250U	R	60-600	2	2.0	63	✓ 0.3	✓ 100
Busch&Jaeger	6514 UJ-5	RC	20-420	3	7.0	✓ 97	10.0	✓ 100
Casambi	CBU-TED Bluetooth	RC	1-100	3	✓ 0.1	✓ 100	✓ 0.1	✓ 100
CTM Lyng	MDimLed	LED	1-200	3	✓ 0.6	✓ 100	✓ 0.0	✓ 100
Dimmax (Trumpf)	420SL	RLC	1-200	3	4.0	✓ 100	2.1	✓ 98
Drespa	814	R	60-400	2	x	x	x	x
Eaton LED	CDAU-01/04	RLC	0-250	3	2.0	✓ 100	2.0	✓ 100
Elko	315GLE	RC	20-315	2	1.5	✓ 95	✓ 0.2	✓ 96
Elko	400GLI	RL	40-400	2	x	x	✓ 0.0	✓ 98
Eltako	EUD61NPN-UC	RLC	400	3	5.5	✓ 100	2.9	✓ 95
Feller	40420	RLC	20-420	2	x	x	✓ 0.8	✓ 100
Feller	402001 LED	RLC	4-200	2	12.0	90	18.0	✓ 100
Feller	40300 RC	RC	20-300	2	6.0	✓ 100	6.8	✓ 95
Feller	40600 RL	RL	20-300	2	✓ 0.1	89	✓ 0.0	✓ 96
Feller Zepitron	3306	UNI	25-420	3	11.0	91	14.0	✓ 100
Gira	1184 00/101	R	60-200	2	x	x	✓ 0.2	✓ 97
IPAS	9240016	RC	35-400	2	3.0	79	4.0	✓ 100
ipas	HD300	LED	10-300	2	6.8	64	4.7	81
Legrand	0 02671	LED	3-75	3	7.4	✓ 96	6.3	✓ 96
Legrand (Btinico)	L-N-NT4411N	LED	3-75	2	5.2	92	3.4	✓ 95
Lumiko /Klemko	D-PAF-200-LED	RC	1-200	2	✓ 0.1	93	✓ 0.0	✓ 98
Lutron	QSNE 4 AD	RC	0-800	3	0.0	0	0.0	0
Merten	MTN577899	RC	20-315	2	12.0	81	16.0	✓ 100
MK elements	K34100	LED	6-150	3	x	x	x	x
MK elements	K34103	LED	35-500	3	x	x	x	x
Niko	310-014XX	R	5-200	2	x	x	x	x
Niko	310-016	RL	50-400	2	6.0	✓ 96	2.0	✓ 99
Niko	310-017XX	RC	20-250	2	16.0	78	22.4	✓ 95
Niko	310-0190X	Uni	5-325	3	✓ 0.7	✓ 100	✓ 0.0	✓ 98
Niko	310-0260	RL	40-550	2	5.9	86	6.3	✓ 99
Niko	310-02701	LED	40-300	2	8.0	74	10.4	✓ 96
Niko	310-0280X	LED	2-100	3	2.2	✓ 100	4.7	✓ 96
Niko	310-0390X	Uni	3-200	2	1.5	92	✓ 0.0	✓ 95
Niko	330-0700	LED	5-350	3	✓ 0.7	✓ 100	✓ 0.1	✓ 100
Peha	433	R	20-250	2	✓ 0.1	92	✓ 0.0	94
Qbus	Dim02SA/500	uni	2-500	3	2.0	✓ 100	✓ 0.1	✓ 100
RAKO	RMT-500	RC	1-500	3	✓ 0.1	✓ 100	✓ 0.0	✓ 100
RAKO	RMT-PILL	RC	1-250	3	✓ 0.6	✓ 97	✓ 0.1	✓ 98
Schneider (Merten)	SBD315RC	RC	20-315	2	12.0	✓ 99	15.6	✓ 96
Schneider (Merten)	SBD400R-1/MTN5131	R	40-400	2	x	x	2.5	✓ 98
Schneider (Merten)	SBD600 RL	RL	40-600	2	x	x	✓ 0.0	✓ 96
Schneider (Merten)	SBD600RCRL	RLC	20-600	2	1.3	92	✓ 0.5	✓ 98
Schneider/Merten	MTN5171	RLC	10-420	2	5.8	80	8.0	✓ 99
Schneider/Merten	SBD200/MEG 5134	RLC	4-400	2	12.0	85	18.0	✓ 100
Simon Electric	DS9T2		5-315	3	✓ 0.2	✓ 97	✓ 0.1	✓ 100
Unilamp	KDT-500E	LED	5-500	2	8.0	85	13.0	94
Unilamp	KDT-500E2	LED	5-500	3	3.6	65	1.6	89
Unilamp/Luzense	KTD-500 E4	LED	5-500	2	1.6	82	✓ 0.4	✓ 100

✓ = Recommended x = Not recommended Please check our website for the latest information.

* 2 = No neutral required; 3 = Neutral required.

Definitions and abbreviations

HV	High Voltage
HV-IC	High Voltage Integrated Chip
HV-FD	High Voltage Flickerfree Dimming
LV	Low Voltage
LV(-HE)+PS	Low Voltage (-High Efficiency) + Power Supply
MLM	Multiple Lumen (incl. DIP-switch)
COB	Chip On Board
UGR	Unified Glare Rating
CRI	Colour Rendering Index
PIR sensor	Motion sensor
AC LED	High Voltage LEDs (230 V 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
GR	Colour: grey
BL	Colour: black
EMC	Electromagnetic Compatibility
Tj	Junction Temperature
Ta	Ambient Temperature
Tc	Contact Temperature
Lm	Lumen

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