

Lighting for ceiling

solutions

ILLUXTRON

L4CS

Lighting for Ceiling Solutions

Our sales department is always at your
service for any questions or for support.
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The roadmap to a circular economy for the manufacturing lighting industry

L4CS INTRODUCTION



L4CS Introduction

2

Product overview

6

Why choose L4CS?

8

Products

24

4 spots 1 driver

64

3 spots 1 driver

66

1 spot 1 driver

68

Plug & Play cable systems

72

About us

74

Integrated panel solutions



Felta
24



Groovy
24



Ligna
26



Ferro
28

Linear panel solutions

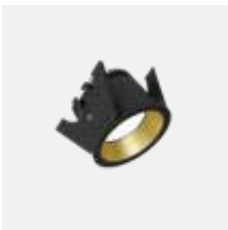


Vesper 550
34

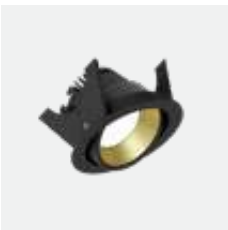


Vesper 1090
34

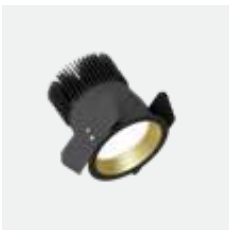
Multiple downlights on 1 driver



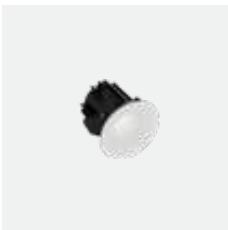
Strada 75
40



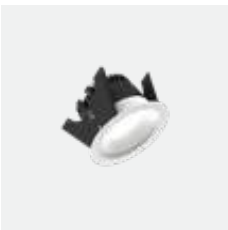
Strada 90
42



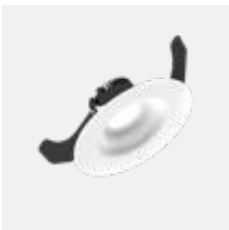
Strada 100
44



Linea 50
48



Linea 75
50



Linea 120
52



Linea 185
54

LED panels



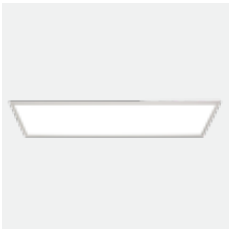
Cortina
595x595
58



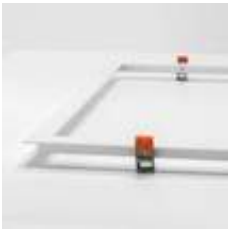
Cortina
1195x295
58



LED Panel B
595x595
60



LED Panel B
1195x295
60



LED panel
accessories
62



Product overview

L4CS

WHY CHOOSE L4CS?

Increase your
efficiency with
Illuxtron's L4CS
collection

ILLUXTRON

Why choose L4CS?

Alongside our standard collection, we have developed a new collection specifically designed for ceiling installers.

PLUG-AND-PLAY

Thanks to the innovative plug-and-play cable system, lighting installation is surprisingly easy. This special system saves time during installation and reduces the chance of errors.

EFFICIENT PROJECT PLANNING

The Plug & Play system simplifies lighting installation for ceiling installers. There are no unnecessary delays between the ceiling installer and the electrical installer. This results in a faster, more efficient installation process without interruptions.

LOW CARBON FOOTPRINT

We assemble our products in the Netherlands within sheltered workshops. Many of the components are sourced locally, which helps us maintain a low carbon footprint. We are communicating this information to our customers at the product level through an EPD

SUSTAINABILITY

Our fixtures are made of high-quality materials and meet the highest quality standards. Therefore, you can be confident that your installation will last for many years to come.

"In short, Illuxtron's L4CS collection makes life a lot easier for installers. Discover the benefits for yourself and make every project a success! Would you like to know more about the L4CS collection? Feel free to contact us. We will be happy to help you."



To minimise our footprint, it is crucial to avoid unnecessary transport whenever possible. That's why Illuxtron has been assembling all its luminaires for over ten years in social workshops, located just 1 km from our headquarters in the Netherlands.

In these certified workshops, our Illuxtron representatives test all products to ensure they meet the highest standards. Before shipping, each item undergoes a final inspection by our quality and packaging department. In this way, we maintain a low failure rate of just 0.5% over our 7-year warranty. Additionally, our luminaires are designed to operate reliably in temperatures of up to 45°C, ensuring a long lifespan.

Used products that have reached the end of their lifespan are often returned to us. Our recycling department disassembles these products, and any components that meet our specifications are reused in our production process.

Another effective way to reduce our environmental footprint is to connect multiple fixtures to a single driver. This method can save 2-3 power supplies, conserving valuable raw materials and benefitting our planet.



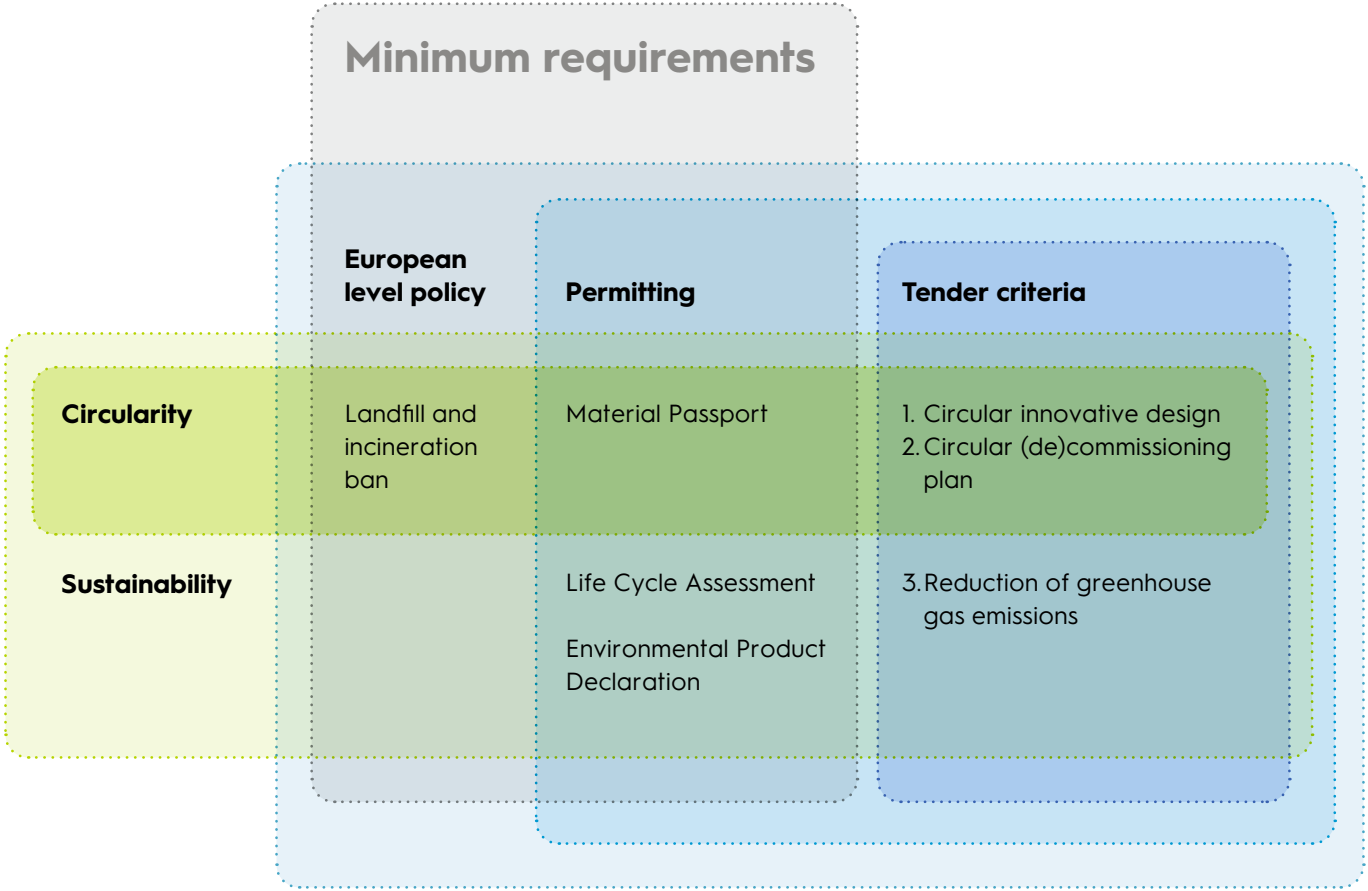


Low
carbon
footprint

Illuxtron closely follows international environmental regulations

INTERNATIONAL ENVIRONMENTAL REGULATIONS





ENERGY PERFORMANCE REQUIREMENTS BUILDING (EPBD)

The energy performance of buildings must improve to reduce energy consumption. The European Commission has issued a guideline known as the EPBD III, which has been incorporated into Dutch laws and regulations. A new directive, EPBD IV, has also been developed. The Netherlands is required to implement this guideline before mid-2026. This initiative is one of many efforts Illuxtron is currently preparing for.

SUBSTANCES OF VERY HIGH CONCERN (SVHC) IN THE CAPITAL EQUIPMENT MANUFACTURING INDUSTRY

In the manufacturing industry, various metals are used, some of which are listed as Substances of Very High Concern (SVHC). Some of the substances on the list are arsenic, boron, cadmium, chromium, indium, cobalt, lithium, mercury compounds, lead compounds, nickel compounds and organic tin compounds. Minimising the use of banned substances in our lighting is a key priority.

ROLE OF OEM'S

OEMs (Original Equipment Manufacturers) play a crucial role in the transition to a more circular manufacturing industry. Generally, they quickly adapt to this change by developing innovative business models. Their suppliers, with expertise in component-level design and a deep understanding of materials, can make a significant contribution to product development, as well as to repair, maintenance, and refurbishment activities.

Laws, regulations and timelines

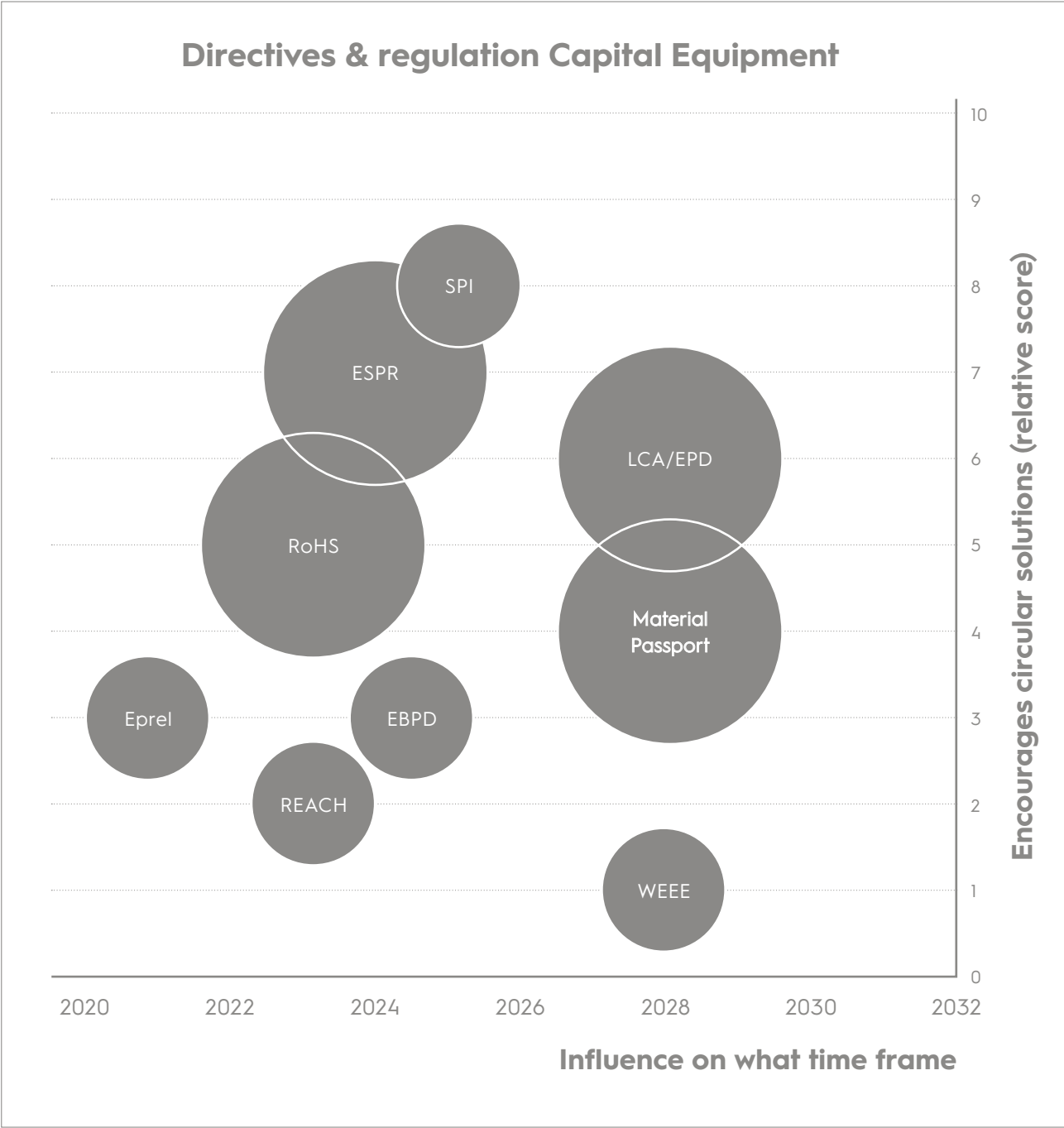
Energy Performance Requirements Buildings – EPBD

The energy performance of buildings needs to improve to reduce energy consumption. In response, the European

Commission developed the Energy Performance of Buildings Directive III (EPBD III). This directive has been incorporated into Dutch legislation and regulations. A new directive, EPBD IV, has also been established, which the Netherlands

must implement by the summer of 2026. Until that time, the EPBD III legislation and regulations will remain in force. Other countries have also introduced similar directives.

LAWS, REGULATIONS AND TIMELINES



Abbreviation	Name	Summary	In operation
General		List of most important Green deal proposals	
Eprel	Eprel	Industry has shown capacity to make more durable products and prolong their lifespan. The EU energy label has stimulated competition, with manufacturers investing in innovation to have the newest models appear in the highest performance classes.	2021
ESPR	Proposal for Ecodesign for Sustainable Products Regulation		2024
ESPR	ESPR	Proposed Regulation: This initiative will require companies to substantiate claims about the environmental footprint of their products/services using standard methods. This should make such claims reliable, comparable and verifiable across the EU and combat “greenwashing” (falsely projecting an environmentally friendly image). This will allow commercial buyers and investors to make more sustainable choices and will increase consumer confidence in green labels and information about them.	2024
REACH	REACH legislation	If you produce or import a ton or more of a chemical substance into the EEA annually, you must register that substance in the REACH database. REACH stands for Registration, Evaluation, Authorization and Restriction of Chemicals. REACH applies to all chemicals, both for industrial processes and for use in our daily lives, e.g. in paints, detergents, clothes, furniture and electrical appliances. Therefore, it affects most companies in the EEA. Unregistered substances may not be placed on the market or used.	2023
RoHS	Restriction of Hazardous Substances Directives(RoHS)		2023
SPI	Sustainable Product Initiative	The Ecodesign Directive is being reviewed and additional rules may be proposed to make products on the EU market more sustainable. Consumers, environment and climate benefit from products being more durable, reusable, repairable, recyclable and energy efficient. This initiative also looks at harmful chemicals in products such as: electronics and ICT equipment, textiles, furniture, steel, cement and chemicals	2025
LCA/EPD	Life Cycle Assessment (LCA) / Environmental Product Declaration (EPD)	The ability to make a scientifically sound environmental impact assessment is one of the most important aspects of climate change management. LCA and EPD are tools for providing sustainability compliance information.	2028
Material Passport	Waste from Electrical and Electronic Equipment (WEEE)	Building on the LCA, there are several things that are added to it, such as: Product identification, Material composition, Specification of raw materials, Sourcing information, Maintenance instructions, Recycling and reuse information and Repairability.	2028
WEEE	Waste from Electrical and Electronic Equipment (WEEE)		2028

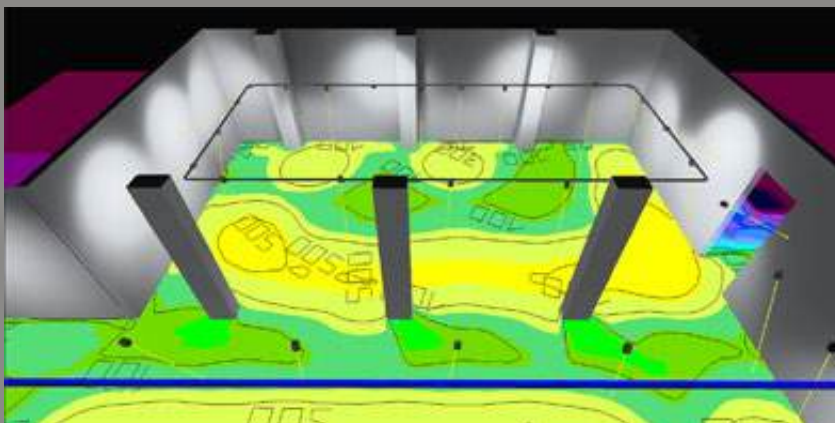
3 different ways to convert your project to LED

RELIGHTING - A new lighting design and new luminaires within a space

Relighting is a term that refers to a complete overhaul of the lighting design within a space. Relighting can provide several benefits, especially in the field of energy efficiency through movement and light sensors. Relighting can

also improve the productivity and comfort of the employee by ensuring appropriate light levels while minimising glare. Together with our technology suppliers, we can take this one step further with Human Centric Lighting (HCL).

A well-implemented HCL system goes beyond just the visual impact of light. It is designed to guide our circadian rhythm and ensure good health and great performance.



RELAMPING - Traditional light sources replaced by LED lamps.

Relamping is an economical but effective way to make a space more sustainable. This involves traditional light sources, such as light bulbs, halogen lamps or fluorescent lamps, replaced by energy-efficient LED lamps. Illuxtron has not entered this market because we aim to dissipate heat from the LED through the fixture's housing, which provides a larger cooling

surface. This results in lifespans that are much longer than individual lamps and, therefore, much more sustainable. Another advantage is that the facility manager does not have to keep climbing the ladder to replace defective LED bulbs with an identical new one. If you would like to know what the best solution is in your case, please contact one of our specialists.



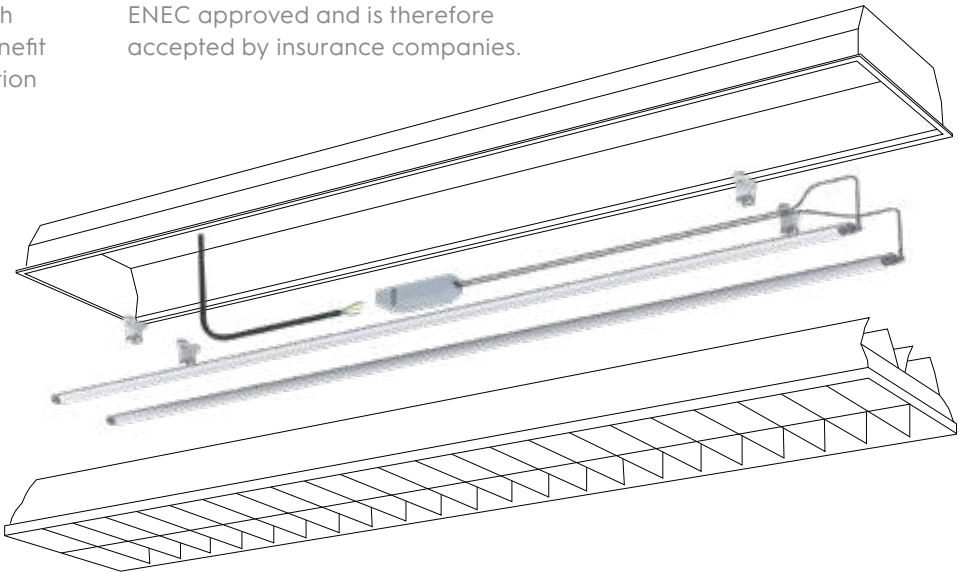


A GREENER FUTURE STARTS TODAY. AT ILLUXTRON, WE ARE CONSTANTLY SEARCHING FOR INNOVATIVE SOLUTIONS TO REDUCE OUR ECOLOGICAL FOOTPRINT.

RETROFIT - Upgrading existing luminaires with energy efficient technologies

Retrofit is another commonly used term in the world of sustainable lighting. Retrofit replaces existing lighting equipment adjusted or upgraded to with modern, energy-efficient technologies to work. Retrofit solutions from Illuxtron are designed to be compatible with existing fixtures so that you benefit from a lower energy consumption

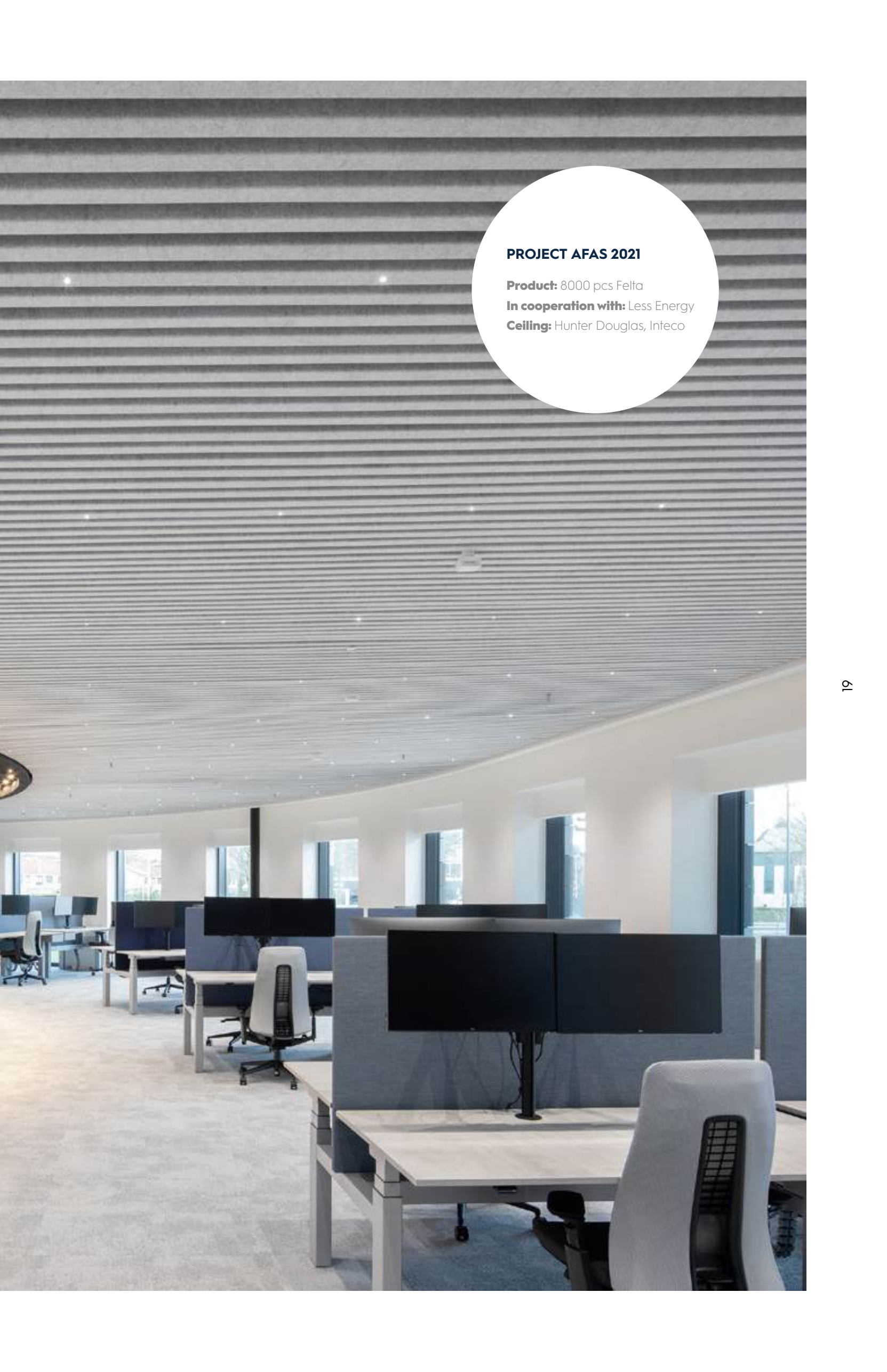
and a longer lifespan without major renovations. The big advantage is that you can do it yourself step by step to save big costs at one time. Every facility manager can safely convert the existing fixture themselves because this solution is ENEC approved and is therefore accepted by insurance companies.



Felta

FELTA



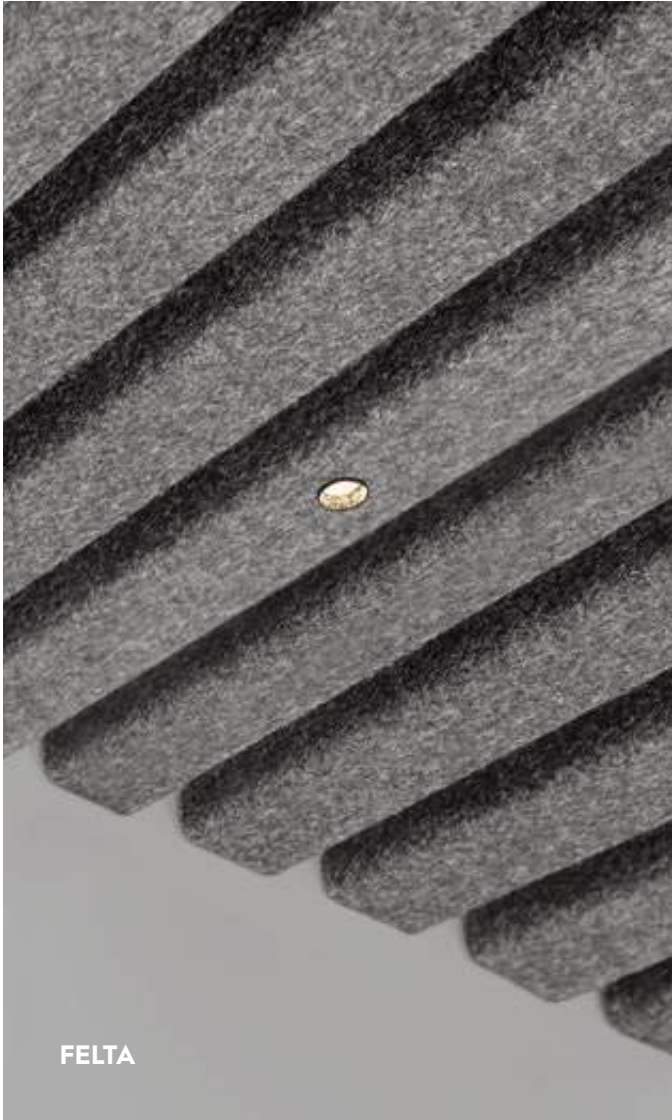


PROJECT AFAS 2021

Product: 8000 pcs Felta

In cooperation with: Less Energy

Ceiling: Hunter Douglas, Inteco



FELTA



GROOVY

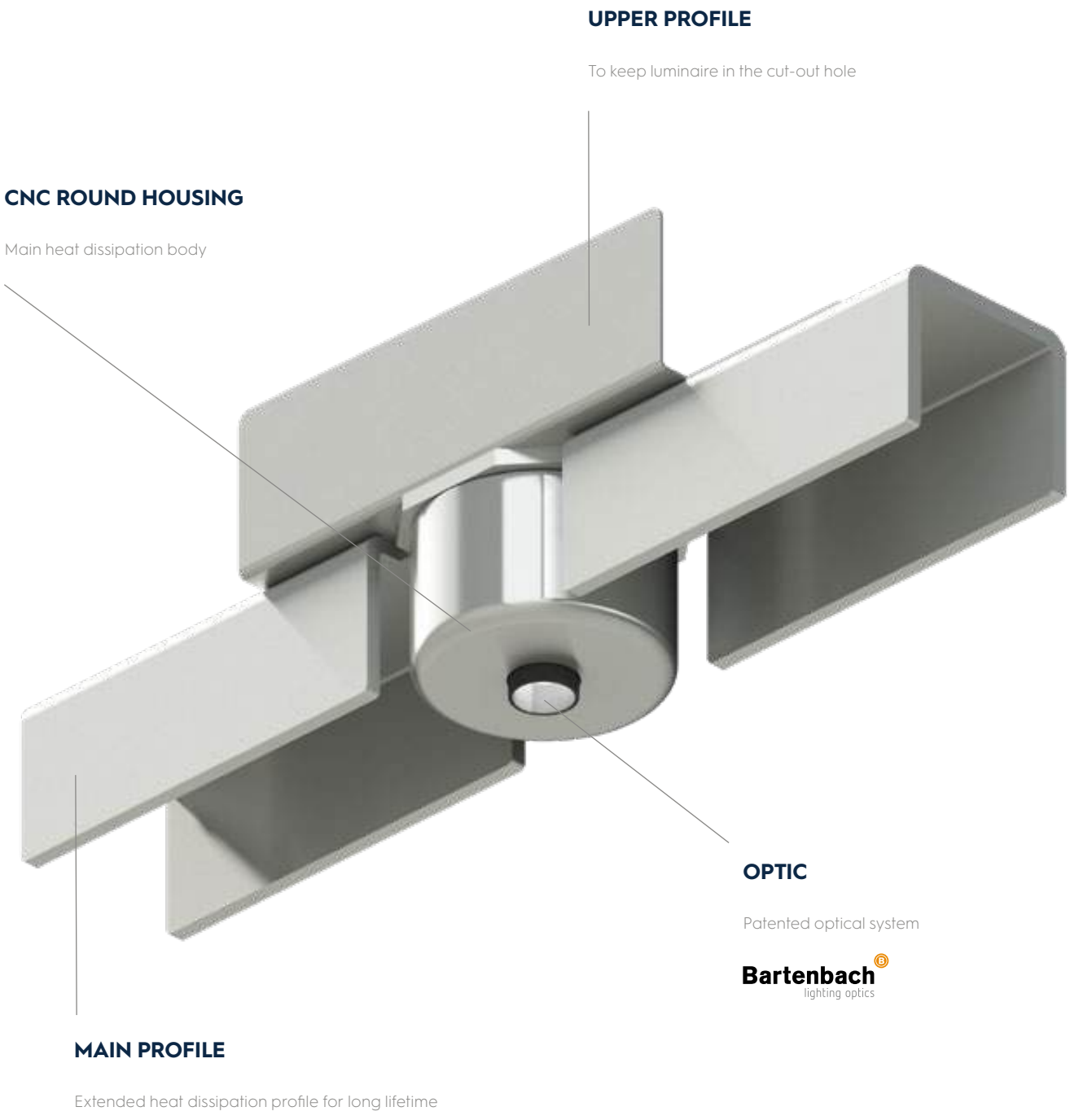


FERRO



LIGNA

There are various variants for different ceiling systems



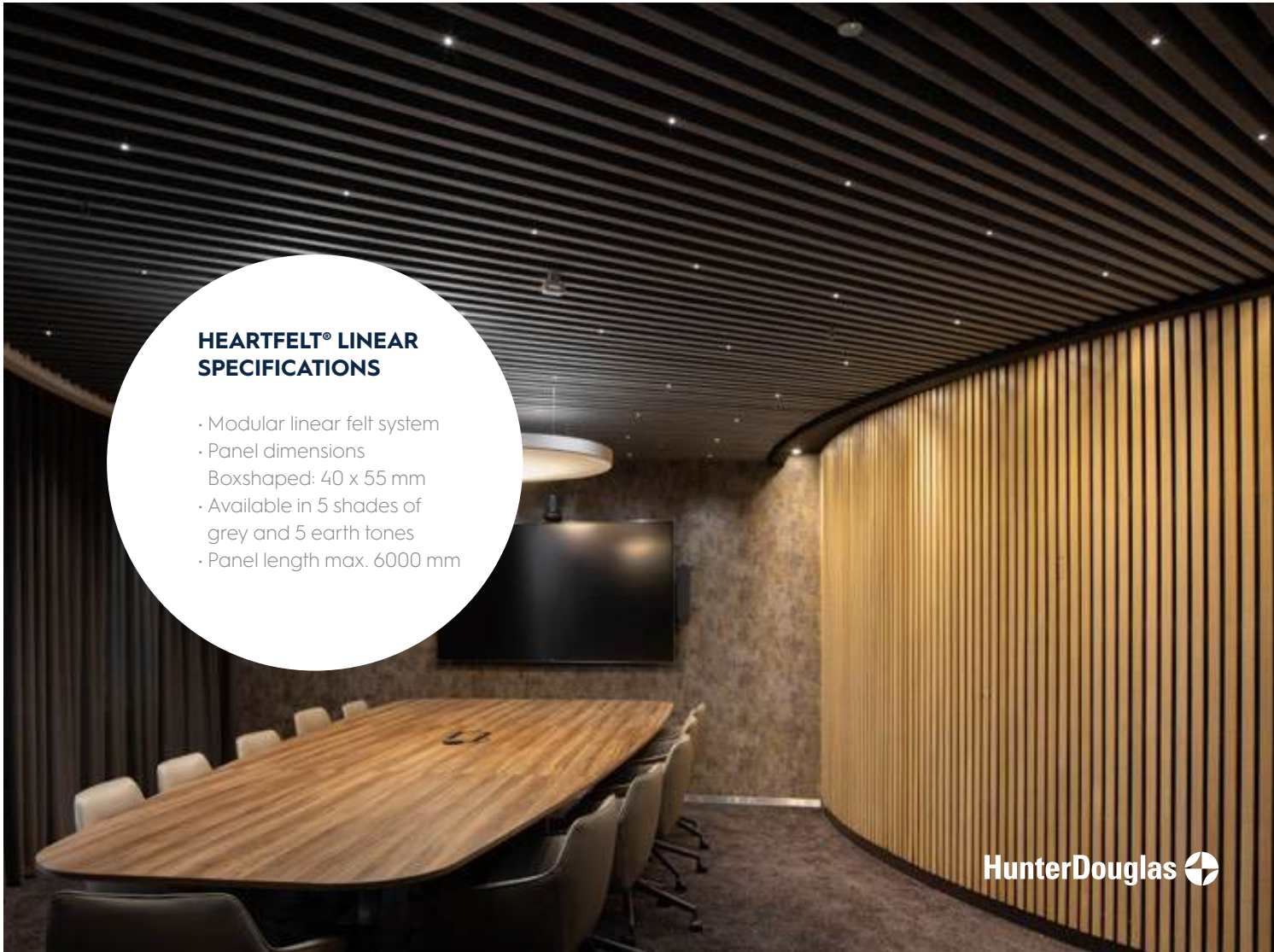
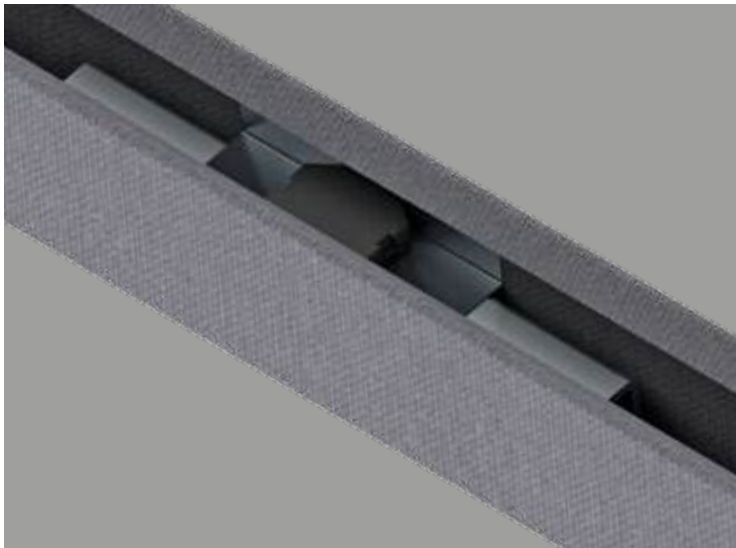
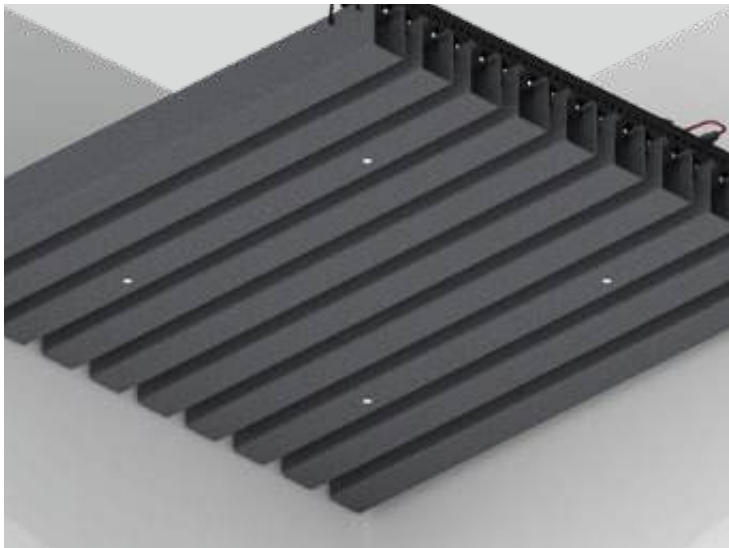
FELTA

This version is intended for integration into the TEXTILE Heartfelt® linear. Only the tube of the optics protrudes through a hole in the felt that can be made in the panel; the rest of the luminary is completely invisible. The top bracket not only provides extra cooling but also ensures that the optics remain properly positioned in the hole.



Approved by
HunterDouglas 

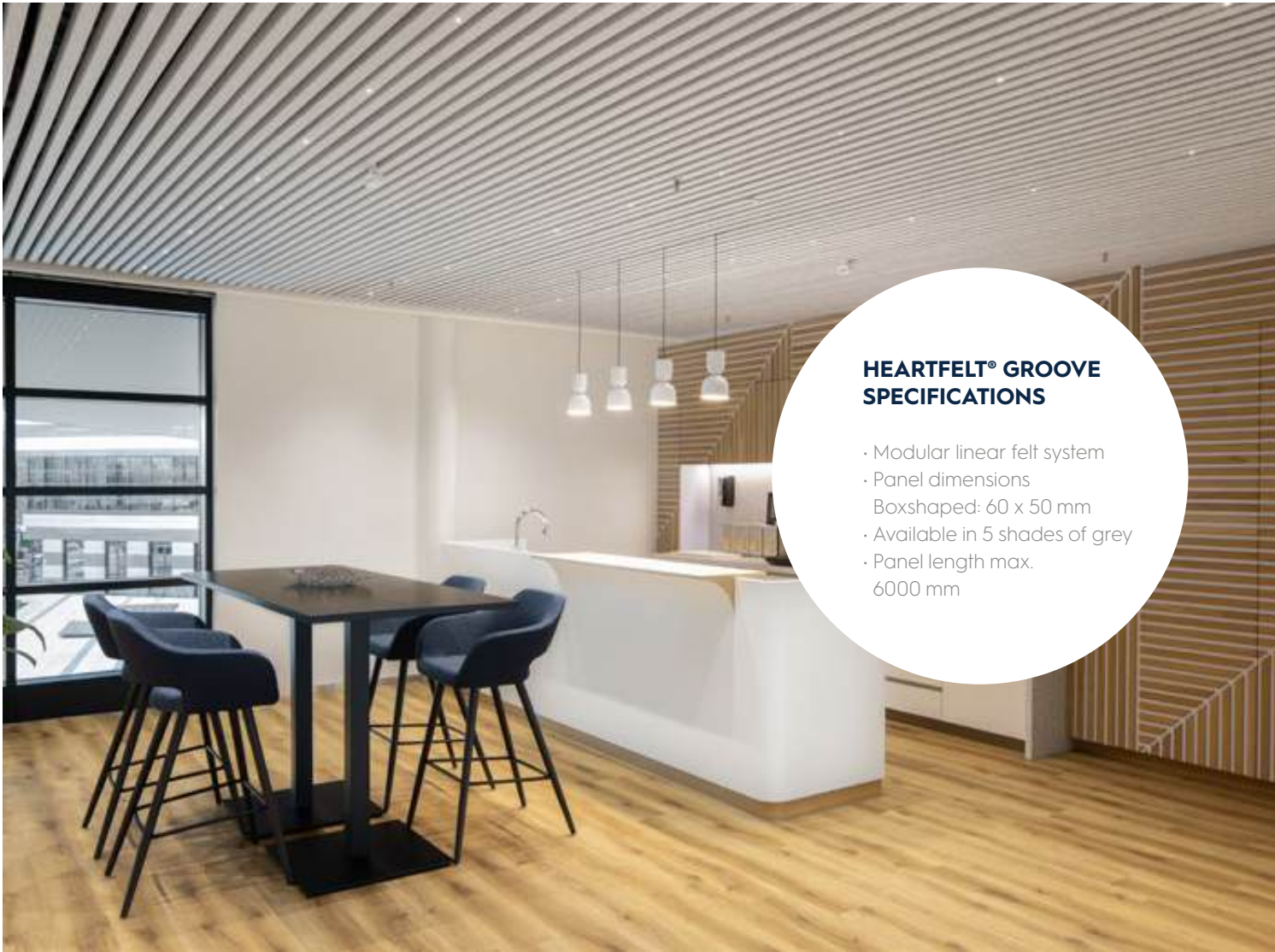
FELTA / GROOVY



HEARTFELT® LINEAR SPECIFICATIONS

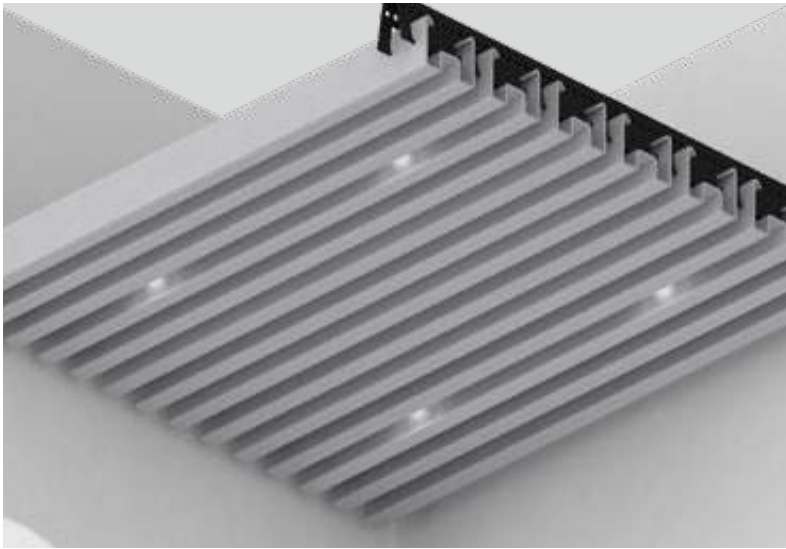
- Modular linear felt system
- Panel dimensions
Boxshaped: 40 x 55 mm
- Available in 5 shades of grey and 5 earth tones
- Panel length max. 6000 mm

HunterDouglas 



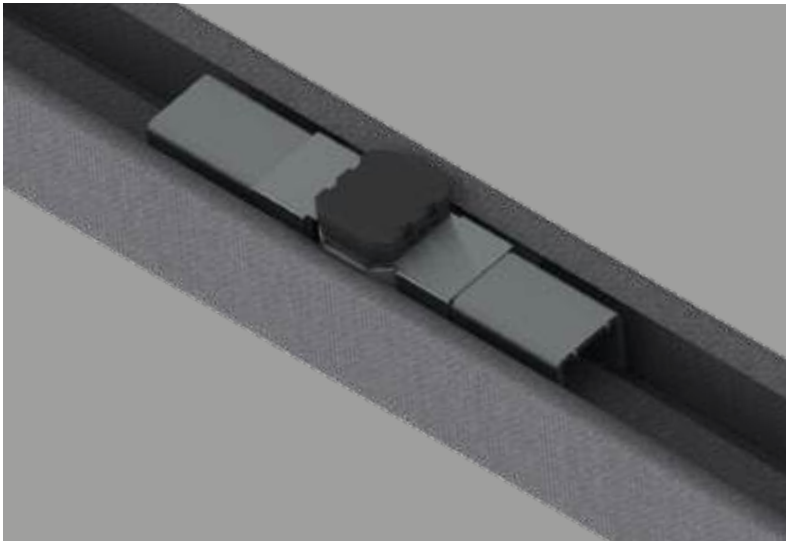
HEARTFELT® GROOVE SPECIFICATIONS

- Modular linear felt system
- Panel dimensions
Boxshaped: 60 x 50 mm
- Available in 5 shades of grey
- Panel length max.
6000 mm



GROOVY

This version is intended for integration into the TEXTILE Heartfelt® Groove. Because the optics are recessed into the groove of the panel, the annoying radiation light is almost completely hidden from view. The top bracket of the Groovy is lower and adjusted to the height of the Groove panel.





Developed in
cooperation with
HunterDouglas

FELTA

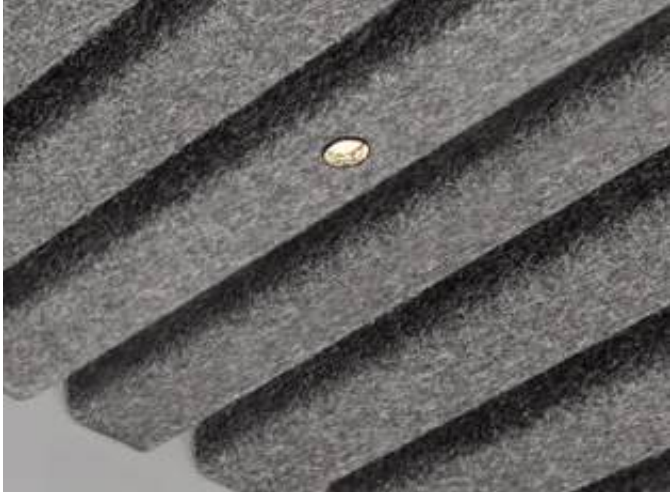


GROOVY



APPLICATION

Felta integrated in HeartFelt® Linear

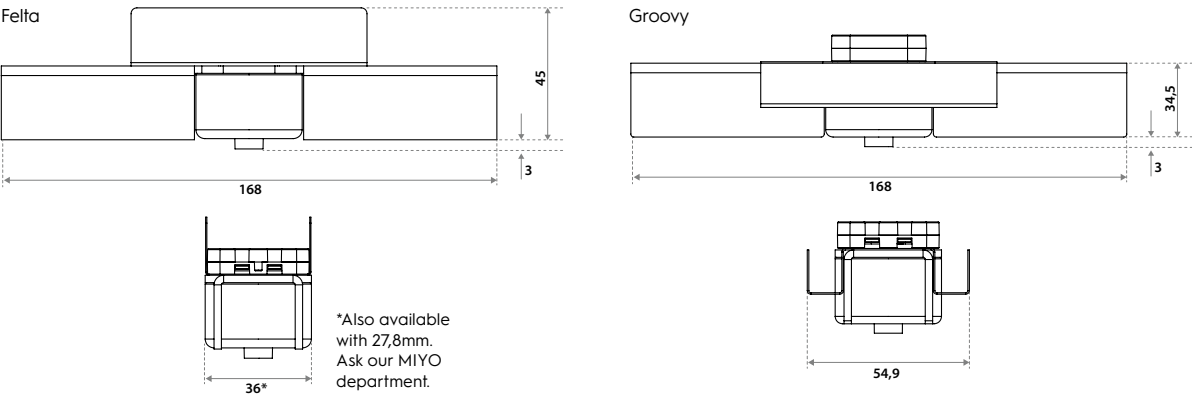


Groovy integrated in HeartFelt® Groove



Felta / Groovy

DIMENSIONS



CHOOSE YOUR LV LUMEN OUTPUT

See 'power supplies' page 65

	mA	1 spot		4 spots		Lumen Output			Lumen / Watt			Advised PSU			
		Vf	W	Vf	W	2700K	3000K	4000K	2700K	3000K	4000K	KGP No dim	KGP Dali	TCI Triac	TCI Casambi
Special	350	11,2	3,9	44,8	15,6	300	325	350	77	83	90	CC36W150-900	CC36W150-900	122260	127648
Special	500	11,3	5,7	45,2	22,8	400	450	475	70	79	89	CC36W150-900	CC36W150-900	122260	127648
Standard	700	11,4	8,0	45,6	32,0	550	600	650	69	75	81	CC36W150-900	CC36W150-900	122260	127648

SPECIFICATIONS

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

EU 874/2012

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.

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

IP20

MADE IN HOLLAND

7 YEAR WARRANTY

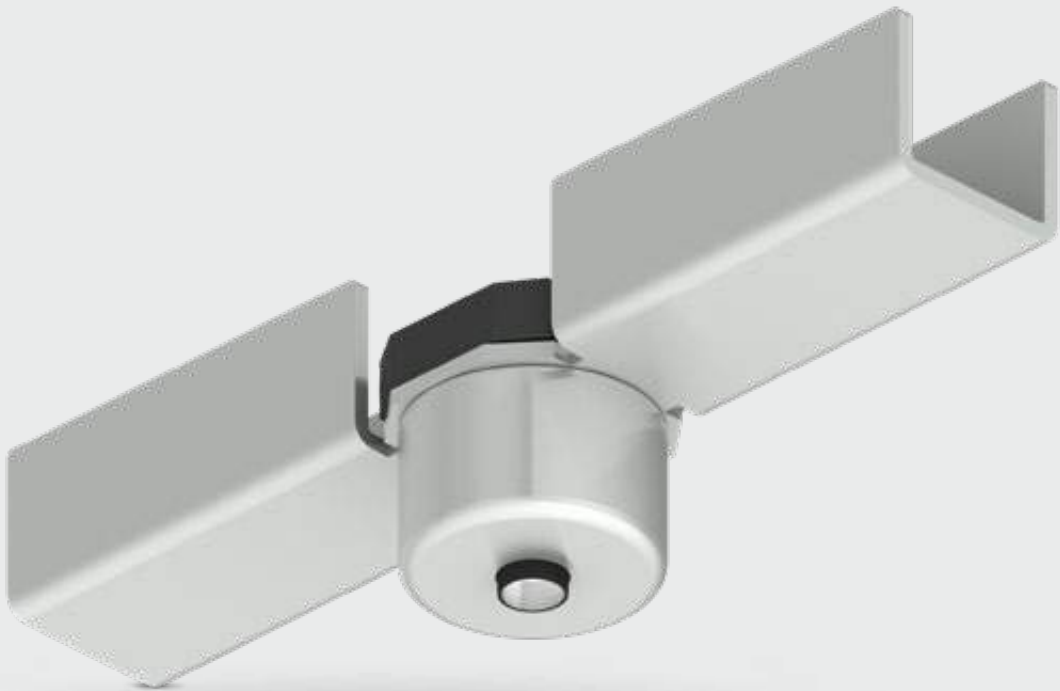
ECO

KGP TCI bhc

ITEM SPECIFICATIONS

See L4CS pricelist page 2

Description	Item code	Input	Vf	W per lamp	Lm	Lm/W	CRI (typ.)	Safety class
Felta L4CS max 550 Lm 2700K 60°	FL2803AL27E2	max 700mA	11,4	8,0	550	69	82	III
Felta L4CS max 600 Lm 3000K 60°	FL2803AL30E2	max 700mA	11,4	8,0	600	75	82	III
Felta L4CS max 650 Lm 4000K 60°	FL2803AL40E2	max 700mA	11,4	8,0	650	81	82	III
Groovy L4CS max 550 Lm 2700K 60°	GR2803AL27E2	max 700mA	11,4	8,0	550	69	82	III
Groovy L4CS max 600 Lm 3000K 60°	GR2803AL30E2	max 700mA	11,4	8,0	600	75	82	III
Groovy L4CS max 650 Lm 4000K 60°	GR2803AL40E2	max 700mA	11,4	8,0	650	81	82	III



LIGNA

APPLICATION

Ligna integrated in Wood material

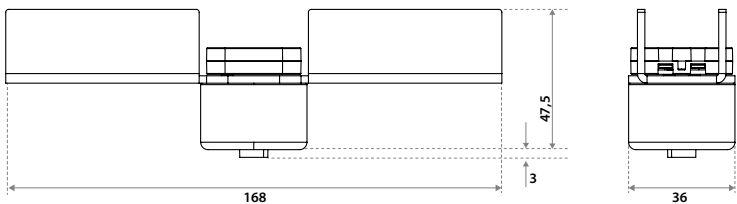


Backside (ceiling Derako Linear Proline)

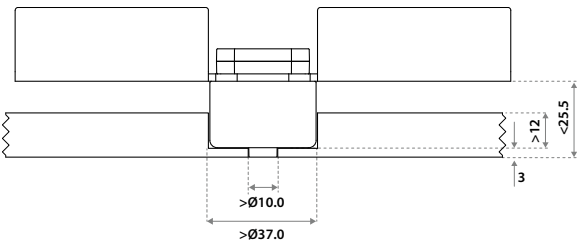


Ligna

DIMENSIONS



HOLE SIZE



The Ligna can be perfectly integrated into wooden boards.
However, a cutout must be made by CNC machine in the wooden board.

CHOOSE YOUR LV LUMEN OUTPUT See 'power supplies' page 65

	mA	1 spot		4 spots		Lumen Output			Lumen / Watt			Advised PSU			
		Vf	W	Vf	W	2700K	3000K	4000K	2700K	3000K	4000K	KGP No dim	KGP Dali	TCI Triac	TCI Casambi
Special	350	11,2	3,9	44,8	15,6	300	325	350	77	83	90	CC36W150-900	CC36W150-900	122260	127648
Special	500	11,3	5,7	45,2	22,8	400	450	475	70	79	89	CC36W150-900	CC36W150-900	122260	127648
Standard	700	11,4	8,0	45,6	32,0	550	600	650	69	75	81	CC36W150-900	CC36W150-900	122260	127648

SPECIFICATIONS

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

EU 874/2012

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.

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

IP20

MADE IN
HOLLAND

7 YEAR
WARRANTY

ECO

KGP TCI E

ITEM SPECIFICATIONS See L4CS pricelist page 2

Description	Item code	Input	Vf	W per lamp	Lm	Lm/W	CRI (typ.)	Safety class
Ligna L4CS max 550 Lm 2700K 60°	LG2803AL27E2	max 700mA	11,4	8,0	550	69	82	III
Ligna L4CS max 600 Lm 3000K 60°	LG2803AL30E2	max 700mA	11,4	8,0	600	75	82	III
Ligna L4CS max 650 Lm 4000K 60°	LG2803AL40E2	max 700mA	11,4	8,0	650	81	82	III

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





FERRO

APPLICATION

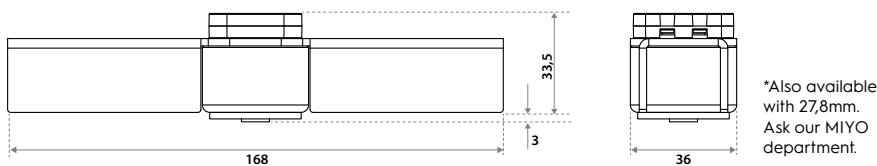
Ferro integrated in Aluminium or Metal



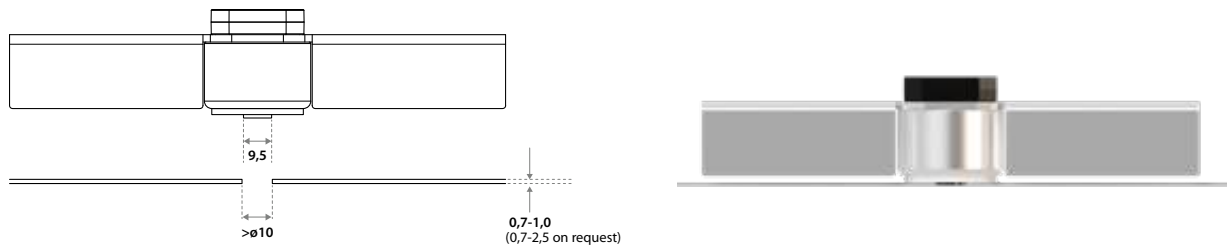
Backside



DIMENSIONS



HOLE SIZE



CHOOSE YOUR LV LUMEN OUTPUT See 'power supplies' page 65

	mA	1 spot		4 spots		Lumen Output			Lumen / Watt			Advised PSU			
		Vf	W	Vf	W	2700K	3000K	4000K	2700K	3000K	4000K	KGP No dim	KGP Dali	TCI Triac	TCI Casambi
Special	350	11,2	3,9	44,8	15,6	300	325	350	77	83	90	CC36W150-900	CC36W150-900	122260	127648
Special	500	11,3	5,7	45,2	22,8	400	450	475	70	79	89	CC36W150-900	CC36W150-900	122260	127648
Standard	700	11,4	8,0	45,6	32,0	550	600	650	69	75	81	CC36W150-900	CC36W150-900	122260	127648

SPECIFICATIONS

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

EU 874/2012

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.

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KGP TC12 SHC

ITEM SPECIFICATIONS See L4CS pricelist page 2

Description	Item code	Input	Vf	W per lamp	Lm	Lm/W	CRI (typ.)	Safety class
Ferro L4CS max 550 Lm 2700K 60°	FR2803AL27E2	max 700mA	11,4	8,0	550	69	82	III
Ferro L4CS max 600 Lm 3000K 60°	FR2803AL30E2	max 700mA	11,4	8,0	600	75	82	III
Ferro L4CS max 650 Lm 4000K 60°	FR2803AL40E2	max 700mA	11,4	8,0	650	81	82	III









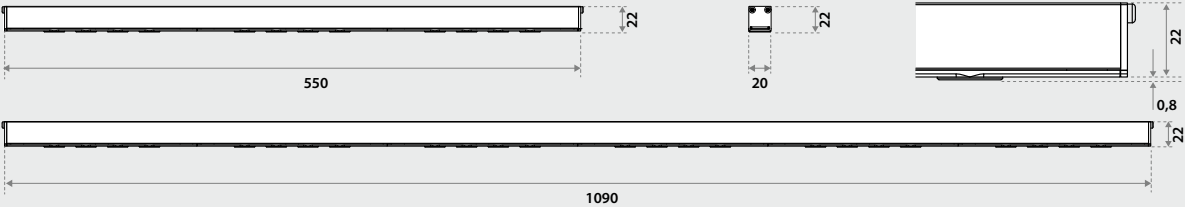
VESPER 550 & 1090



Vesper 550

Vesper 1090

DIMENSIONS



Vesper

CHOOSE YOUR LV LUMEN OUTPUT See 'power supplies' page 67

Vesper 550	mA	1 spot		Lumen Output		2700-6500K	Lumen / Watt		2700-6500K	UGR		2700-6500K	Advised PSU		
		Vf	W	3000K	4000K		3000K	4000K		3000K	4000K		No dim	Dali	DT8 (tuneable)
Standard	1050	16,7	17,5	2175	2325	2325	124	133	133	17.3	17.6	17.6	127574	142045	Dualdrive 562/A
Special request	1200	16,9	20,2	2450	2625	2625	121	130	130	17.8	18.0	18.0	127690	ECO 560A	Dualdrive 562/A
Special request	1300	16,9	21,9	2625	2800	2800	120	128	128	18.0	18.2	18.2	127690	ECO 560A	Dualdrive 562/A
Standard	1400	17,0	23,8	2800	3000	3000	118	126	126	18.2	18.5	18.5	127690	ECO 560A	Dualdrive 562/A

Vesper 550	mA	3 spots*		Lumen Output		2700-6500K	Lumen / Watt		2700-6500K	UGR		2700-6500K	Advised PSU**		
		Vf	W	3000K	4000K		3000K	4000K		3000K	4000K		No dim	Dali	DT8 (tuneable)
Standard	1050	50,0	52,5	2175	2325	2325	124	133	133	17.3	17.6	17.6	127568	126566	x
Special request	1200	50,6	60,7	2450	2625	2625	121	130	130	17.8	18.0	18.0	127568	126566	x
Special request	1300	50,6	65,8	2625	2800	2800	120	128	128	18.0	18.2	18.2	127568	126566	x
Standard	1400	50,9	71,3	2800	3000	3000	118	126	126	18.2	18.5	18.5	127568	126566	x

Vesper 1090	mA	1 spot		Lumen Output		2700-6500K	Lumen / Watt		2700-6500K	UGR		2700-6500K	Advised PSU		
		Vf	W	3000K	4000K		3000K	4000K		3000K	4000K		No dim	Dali	DT8 (tuneable)
Special request	650	16,3	21,2	2800	3000	3000	132	141	141	15.8	16.0	16.0	127574	142045	Dualdrive 562/A
Standard	800	16,4	26,3	3400	3575	3575	129	136	136	16.5	16.6	16.6	127574	142045	Dualdrive 562/A
Standard	1050	16,7	35,0	4350	4675	4675	124	133	133	17.3	17.0	17.0	127574	142045	Dualdrive 562/A
Special request	1200	16,9	40,5	4900	5250	5250	121	130	130	17.7	18.0	18.0	127690	ECO 560A	ECO 560A
Special request	1300	16,9	43,8	5250	5600	5600	120	128	128	18.0	18.2	18.2	127690	ECO 560A	ECO 560A
Standard	1400	17,0	47,5	5600	6000	6000	118	126	126	18.2	18.4	18.4	127690	ECO 560A	Dualdrive 562/A

Vesper 1090	mA	3 spots*		Lumen Output			Lumen / Watt		2700-6500K	UGR		2700-6500K	Advised PSU**		
		Vf	W	3000K	4000K		2700K	3000K		3000K	4000K		No dim	Dali	Dali
Special request	650	49,0	63,6	2800	3000	3000	132	141	141	15.8	16.0	141	127568	142045	Dualdrive 562/A
Standard	800	49,3	78,9	3400	3575	3575	129	136	136	16.5	17.4	136	127568	126566	Dualdrive 562/A

* Information about 2 spots to 1 driver ask our sales department.

SPECIFICATIONS

Beam angle	50° (wider beam angle on request for non <UGR19 applications)
Fixture material	Solid aluminium
Environment	Indoor
IK rate	IK03
IP rate	IP20
Operating temperature	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
Colour consistency	MacAdam Step 3
Warranty	7 years

EU 874/2012

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.



ITEM SPECIFICATIONS See L4CS pricelist page 3

Description	Item code	Input	Vf	W per lamp	Lm	Lm/W	CRI (typ.)	Safety class
Vesper 550 L4CS max 2800Lm 3000K 50°	V10A03BL9SE2	max 1400mA	17,0	23,8	2800	118	93	III
Vesper 550 L4CS max 3000Lm 4000K 50°	V10B03BL9SE2	max 1400mA	17,0	23,8	3000	126	93	III
Vesper 550 L4CS max 3000Lm 2700-6500K 50°	V10C03BL9SE2	max 1400mA	17,0	23,8	3000	126	93	III
Vesper 1090 L4CS max 5600Lm 3000K 50°	V20A03BL9SE2	max 1400mA	17,0	47,5	5600	118	93	III
Vesper 1090 L4CS max 6000Lm 4000K 50°	V20B03BL9SE2	max 1400mA	17,0	47,5	6000	126	93	III
Vesper 1090 L4CS max 6000Lm 2700-6500K 50°	V20C03BL9SE2	max 1400mA	17,0	47,5	6000	126	93	III

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



Vesper 550 & 1090 mounting options

For more options and info see datasheet.

VESPER 550/1090 SPRING SYSTEM (SS)

Ceilings

- Hunter Douglas 30BD
- Interlu SAPP
- Ecophon

Functions

- Sliding mounting brackets with folding spring mechanism.
- Easy (dis)assembly after installation of ceiling panels.
- Height cannot be adjusted.

VESPER 550 & 1090



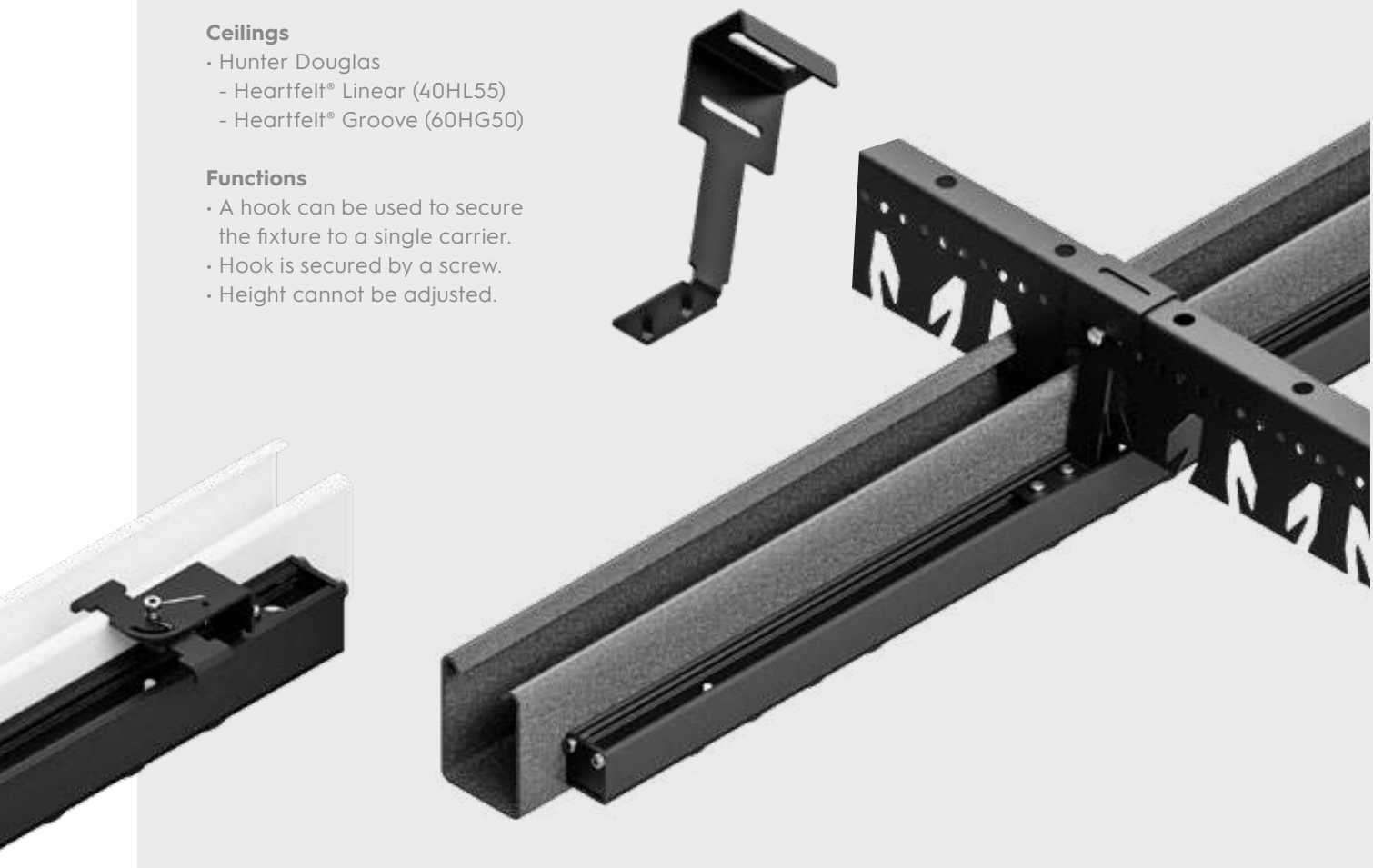
VESPER 550
1 CARRIER (1C)

Ceilings

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

Functions

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



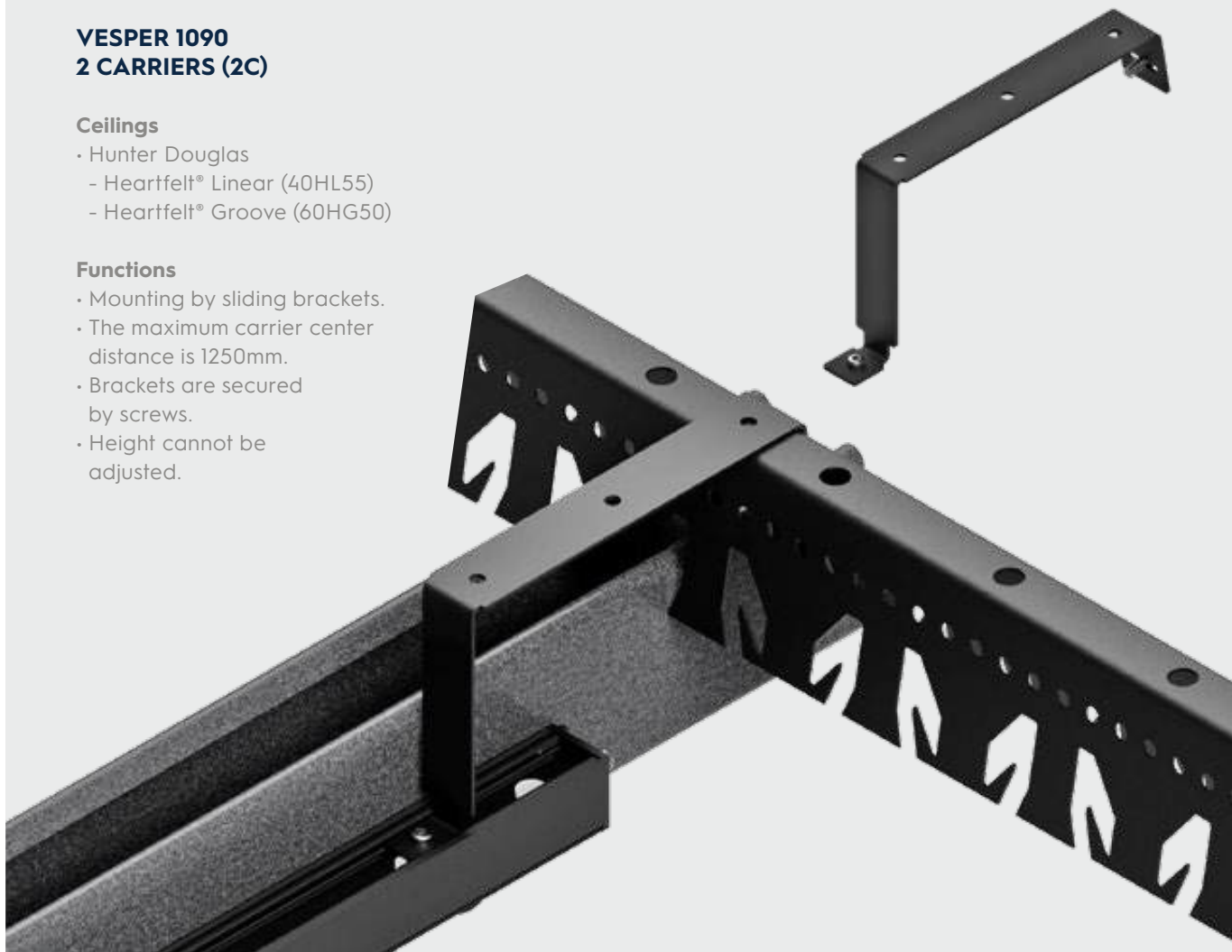
VESPER 1090
2 CARRIERS (2C)

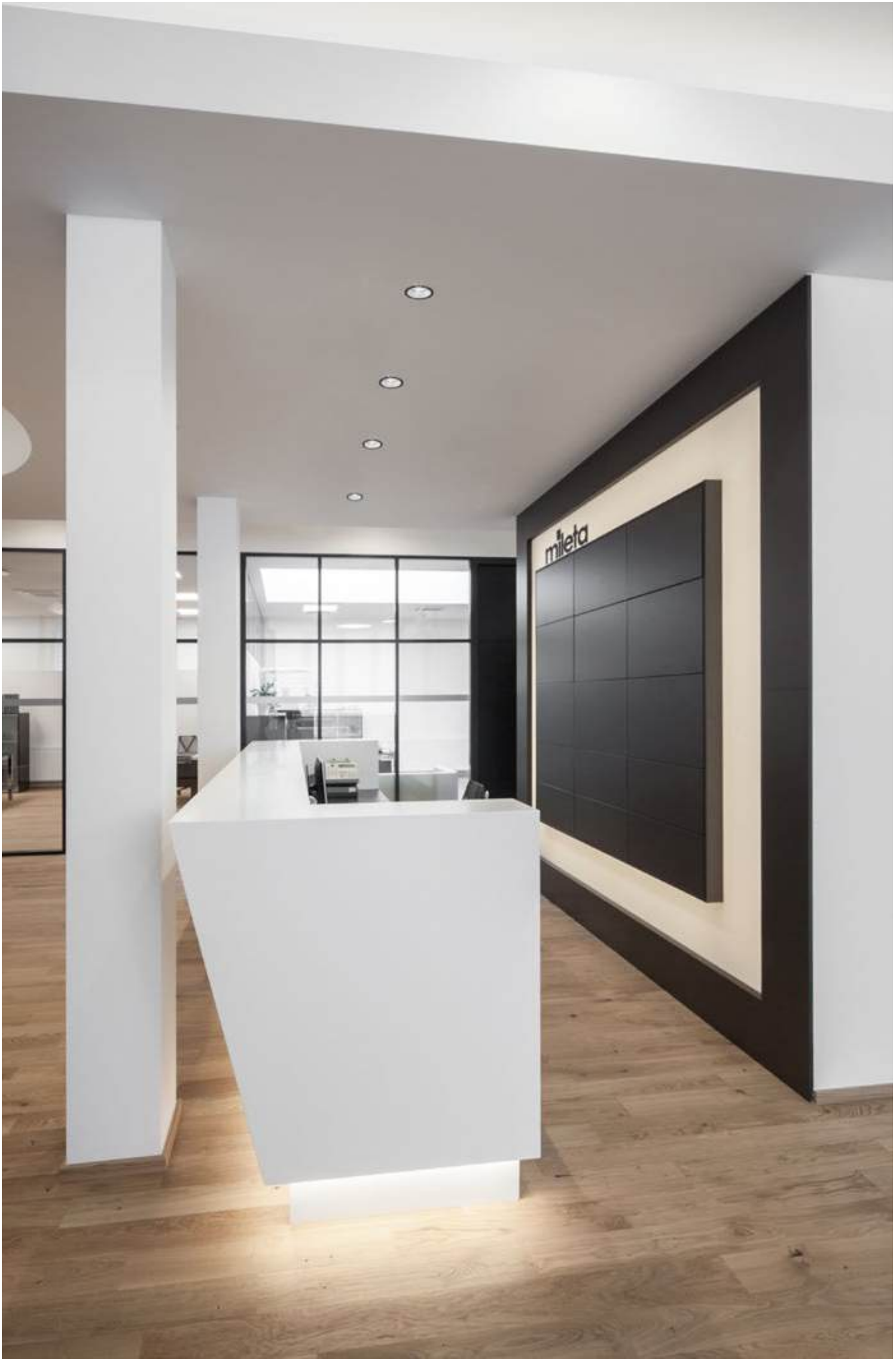
Ceilings

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

Functions

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









Ø 81 mm

BEAM ANGLE



Reflector
LV: 24° / 60°



Diffuser
LV: 80°

COLOURS



Matt black
RAL 9005



Matt white
RAL 9016



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

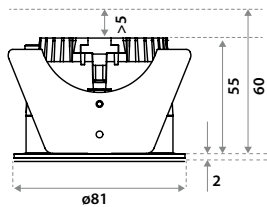
SPRINGS



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

Strada 75 L4CS

DIMENSIONS



CHOOSE YOUR LV LUMEN OUTPUT See 'power supplies' page 67

	mA	1 spot		Lumen Output			Lumen / Watt			Advised PSU	
		Vf	W	2700K	3000K	4000K	2700K	3000K	4000K	No dim	Dali
Standard	350	16,3	5,7	600	650	700	105	114	123	127574	142045
Special request	500	16,6	8,3	850	900	975	102	108	117	127574	142045
Special request	650	16,9	11,0	1075	1150	1225	98	105	111	127574	142045
Standard	800	17,2	13,7	1300	1375	1475	95	100	107	127574	142045

	mA	3 spots		Lumen Output			Lumen / Watt			Advised PSU	
		Vf	W	2700K	3000K	4000K	2700K	3000K	4000K	No dim	Dali
Standard	350	48,9	17,1	600	650	700	105	114	123	127568	142045
Special request	500	49,9	24,9	850	900	975	102	108	117	127568	126566
Special request	650	50,8	33	1075	1150	1225	98	105	111	127568	126566
Standard	800	51,5	41,2	1300	1375	1475	95	100	107	127568	126566

* Information about 2 spots to 1 driver ask our sales department.

SPECIFICATIONS

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

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



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



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

IP20
IP44

MADE IN HOLLAND

7 YEAR WARRANTY

ECO

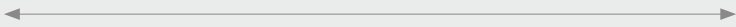
Only when the product is installed in a closed ceiling may it be exposed to water splashes, and only on its front side.

ITEM SPECIFICATIONS See L4CS pricelist page 4

Description	24°		60°		80°		W per lamp	Lm/W	CRI (typ.)	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR				
Strada 75 L4CS max 1300Lm 2700K CRI93	857A03XX4KE2	23.2	857A03XX4LE2	24.1	857A03XX4ME2	28.5	13,7	95	93	III
Strada 75 L4CS max 1375Lm 3000K CRI93	857B03XX4KE2	23.4	857B03XX4LE2	24.3	857B03XX4ME2	28.5	13,7	100	93	III
Strada 75 L4CS max 1475Lm 4000K CRI93	857E03XX4KE2	23.7	857E03XX4LE2	24.6	857E03XX4ME2	28.5	13,7	107	93	III

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





ø 105 mm

BEAM ANGLE



Reflector
LV: 24° / 60°



Diffuser
LV: 80°

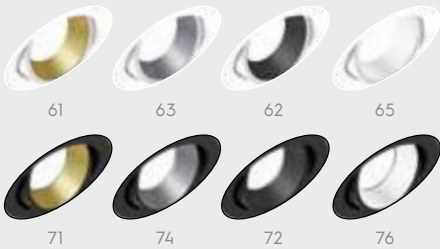
COLOURS



Matt black
RAL 9005



Matt white
RAL 9016



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

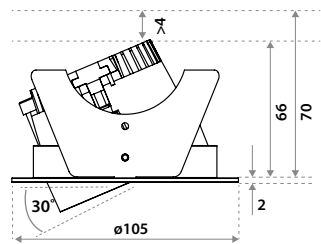
SPRINGS



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

Strada 90 L4CS

DIMENSIONS



CHOOSE YOUR LV LUMEN OUTPUT See 'power supplies' page 67

	mA	1 spot		Lumen Output			Lumen / Watt			Advised PSU	
		Vf	W	2700K	3000K	4000K	2700K	3000K	4000K	No dim	Dali
Standard	350	16,3	5,7	600	650	700	105	114	123	127574	142045
Special request	500	16,6	8,3	850	900	975	102	108	117	127574	142045
Special request	650	16,9	11,0	1075	1150	1225	98	105	111	127574	142045
Standard	800	17,2	13,7	1300	1375	1475	95	100	107	127574	142045

	mA	3 spots		Lumen Output			Lumen / Watt			Advised PSU	
		Vf	W	2700K	3000K	4000K	2700K	3000K	4000K	No dim	Dali
Standard	350	48,9	17,1	600	650	700	105	114	123	127568	142045
Special request	500	49,9	24,9	850	900	975	102	108	117	127568	126566
Special request	650	50,8	33	1075	1150	1225	98	105	111	127568	126566
Standard	800	51,5	41,2	1300	1375	1475	95	100	107	127568	126566

* Information about 2 spots to 1 driver ask our sales department.

SPECIFICATIONS

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

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



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



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

IP20

MADE IN HOLLAND

7 YEAR WARRANTY

ECO

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

ITEM SPECIFICATIONS See L4CS pricelist page 4

Description	24°		60°		80°		W per lamp	Lm/W	CRI (typ.)	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR				
Strada 90 L4CS max 1300Lm 2700K CRI93	857C03XX4KE2	23.2	857C03XX4LE2	24.1	857C03XX4ME2	28.5	13,7	95	93	III
Strada 90 L4CS max 1375Lm 3000K CRI93	857D03XX4KE2	23.4	857D03XX4LE2	24.3	857D03XX4ME2	28.5	13,7	100	93	III
Strada 90 L4CS max 1475Lm 4000K CRI93	857F03XX4KE2	23.7	857F03XX4LE2	24.6	857F03XX4ME2	28.5	13,7	107	93	III

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





↔
ø 108 mm

BEAM ANGLE



Reflector
LV: 18° / 37° / 60°



Diffuser
LV: 80°

COLOURS



Matt black
RAL 9005



Matt white
RAL 9016



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

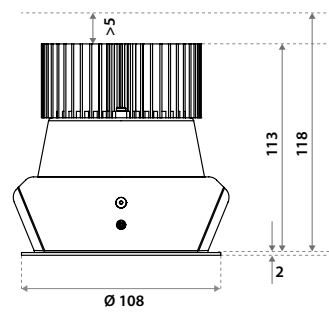
SPRINGS



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

Strada 100 L4CS

DIMENSIONS



CHOOSE YOUR LV LUMEN OUTPUT

See 'power supplies' page 67

	mA	1 spot		Lumen Output			Lumen / Watt			Advised PSU	
		Vf	W	2700K	3000K	4000K	2700K	3000K	4000K	No dim	Dali
Standard	350	16,3	5,7	650	700	750	114	123	131	127574	142045
Special request	500	16,6	8,3	925	975	1050	111	117	126	127574	142045
Special request	650	16,9	11,0	1175	1250	1325	107	114	120	127574	142045
Standard	800	17,2	13,7	1400	1475	1600	102	107	117	127574	142045
Special request	1050	17,6	18,5	1775	1900	2000	96	103	108	127574	142045
Special request	1200	17,8	21,3	1975	2075	2225	93	97	104	127690	ECO560A
Standard	1400	18,1	25,3	2300	2425	2600	91	96	103	127690	ECO560A

	mA	3 spots*		Lumen Output			Lumen / Watt			Advised PSU	
		Vf	W	2700K	3000K	4000K	2700K	3000K	4000K	No dim	Dali
Standard	350	48,9	17,1	650	700	750	114	123	131	127568	142045
Special request	500	49,9	24,9	925	975	1050	111	117	126	127568	126566
Special request	650	50,8	33	1175	1250	1325	107	114	120	127568	126566
Standard	800	51,5	41,2	1400	1475	1600	102	107	117	127568	126566
Special request	1050	52,7	55,4	1775	1900	2000	96	103	108	127568	126566
Special request	1200	53,3	63,9	1975	2075	2225	93	97	104	127568	126566
Standard	1400	54,2	75,9	2300	2425	2600	91	96	103	127568	126566

* Information about 2 spots to 1 driver ask our sales department.

SPECIFICATIONS

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

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

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



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



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



eldoLED bridgelux. CASAMBI

ITEM SPECIFICATIONS

See L4CS pricelist page 5

Description	18°		37°		60°		80°		W per lamp	Lm/W	CRI (typ.)
	Item code	UGR	Item code	UGR	Item code	UGR	Item code	UGR			
Strada 100 L4CS max 2300Lm 2700K	854B03XX8TE2	17.8	854B03XX8UE2	17.3	854B03XX8VE2	20.4	854B03XXN6E2	28.5	25,3	91	93
Strada 100 L4CS max 2425Lm 3000K	854B03XXCAE2	18.0	854B03XXCBE2	17.5	854B03XXCCE2	20.5	854B03XXN7E2	28.6	25,3	96	93
Strada 100 L4CS max 2600Lm 4000K	854B03XXCDE2	18.3	854B03XXCEE2	17.8	854B03XXCFE2	20.8	854B03XXN8E2	28.9	25,3	103	93

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



L4CS

LINEA



ILLUXTRON





↔
ø 60 mm

COLOURS



Matt white
RAL 9016 (XX=MW)



Matt black
RAL 9005 (XX=BL)

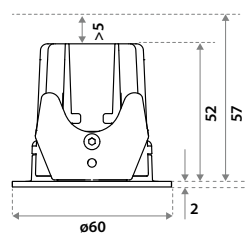
SPRINGS



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

Linea 50 L4CS

DIMENSIONS



CHOOSE YOUR LV LUMEN OUTPUT See 'power supplies' page 65

	mA	1 spot		4 spots		Lumen Output			Lumen / Watt			Advised PSU			
		Vf	W	Vf	W	2700K	3000K	4000K	2700K	3000K	4000K	KGP No dim	KGP Dali	TCI Triac	TCI Casambi
Special	350	11,1	3,9	44,4	15,6	350	375	400	90	96	103	CC36W150-900	CC36W150-900	122260	127648
Standard	500	11,4	5,7	45,6	22,8	500	525	550	88	92	96	CC36W150-900	CC36W150-900	122260	127648

SPECIFICATIONS

Beam angle (FWHM)	40°/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

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



Using CS springs: Ø 50 mm.
Thickness ceiling 5-57 mm
& recess depth 57 mm.



Using WS springs: Ø 50 mm.
Thickness ceiling 1-57 mm
& recess depth 57 mm.

IP20

MADE IN HOLLAND

7 YEAR WARRANTY

ECO

KGP TCI bhc

ITEM SPECIFICATIONS See L4CS pricelist page 6

Description	40°		60°		mA	Vf	W per lamp	Lm	Lm/W	CRI (typ.)	Safety class
	Item code	UGR	Item code	UGR							
Linea 50 L4CS max 500Lm 2700K CRI93	NA3R03XX5YE2	14.8	NA3R03XX4LE2	20.8	500	11,4	5,7	500	88	93	III
Linea 50 L4CS max 525Lm 3000K CRI93	NA3S03XX5YE2	15.1	NA3S03XX4LE2	21.1	500	11,4	5,7	525	92	93	III
Linea 50 L4CS max 550Lm 4000K CRI93	NA3T03XX5YE2	15.3	NA3T03XX4LE2	21.4	500	11,4	5,7	550	96	93	III

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





↔
ø 90 mm

BEAM ANGLE



Reflector
LV: 24° / 60°



Diffuser
LV: 80°

COLOURS



Matt white
RAL 9016 (XX=MW)



Matt black
RAL 9005 (XX=BL)

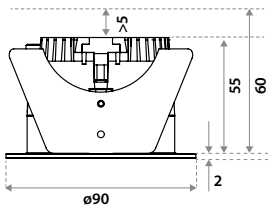
SPRINGS



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

Linea 75 L4CS

DIMENSIONS



CHOOSE YOUR LV LUMEN OUTPUT See 'power supplies' page 67

	mA	1 spot		Lumen Output			Lumen / Watt			Advised PSU	
		Vf	W	2700K	3000K	4000K	2700K	3000K	4000K	No dim	Dali
Standard	350	16,3	5,7	600	650	700	105	114	123	127574	142045
Special request	500	16,6	8,3	850	900	975	102	108	117	127574	142045
Special request	650	16,9	11,0	1075	1150	1225	98	105	111	127574	142045
Standard	800	17,2	13,7	1300	1375	1475	95	100	107	127574	142045

	mA	3 spots		Lumen Output			Lumen / Watt			Advised PSU	
		Vf	W	2700K	3000K	4000K	2700K	3000K	4000K	No dim	Dali
Standard	350	48,9	17,1	600	650	700	105	114	123	127568	142045
Special request	500	49,9	24,9	850	900	975	102	108	117	127568	126566
Special request	650	50,8	33	1075	1150	1225	98	105	111	127568	126566
Standard	800	51,5	41,2	1300	1375	1475	95	100	107	127568	126566

* Information about 2 spots to 1 driver ask our sales department.

SPECIFICATIONS

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

IP20

IP65

MADE IN HOLLAND

7 YEAR WARRANTY

ECO

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

ITEM SPECIFICATIONS See L4CS pricelist page 6

Description	24°		60°		80°		W per lamp	Lm/W	CRI (typ.)	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR				
Linea 75 L4CS max 1300Lm 2700K CRI93	917A03XX4KE2	23.2	917A03XX4LE2	24.1	917A03XX4ME2	28.5	13,7	95	93	III
Linea 75 L4CS max 1375Lm 3000K CRI93	917B03XX4KE2	23.4	917B03XX4LE2	24.3	917B03XX4ME2	28.5	13,7	100	93	III
Linea 75 L4CS max 1475Lm 4000K CRI93	917E03XX4KE2	23.7	917E03XX4LE2	24.6	917E03XX4ME2	28.5	13,7	107	93	III

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





Reflector
LV: 24° / 60°

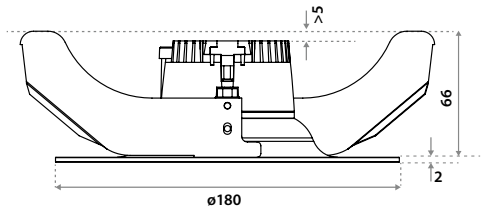


Two views of the LED ceiling light fixture are shown side-by-side. The left view shows the fixture in Matt white (RAL 9016), and the right view shows it in Matt black (RAL 9005). Both fixtures have a circular, recessed design with a central light source and a black mounting bracket.

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

Linea 120 L4CS

DIMENSIONS



CHOOSE YOUR LV LUMEN OUTPUT See 'power supplies' page 67

	mA	1 spot		Lumen Output			Lumen / Watt			Advised PSU	
		Vf	W	2700K	3000K	4000K	2700K	3000K	4000K	No dim	Dali
Standard	350	16,3	5,7	600	650	700	105	114	123	127574	142045
Special request	500	16,6	8,3	850	900	975	102	108	117	127574	142045
Special request	650	16,9	11,0	1075	1150	1225	98	105	111	127574	142045
Standard	800	17,2	13,7	1300	1375	1475	95	100	107	127574	142045
Special request	1050	17,6	18,5	1650	1750	1850	89	95	100	127574	142045

	mA	3 spots*		Lumen Output			Lumen / Watt			Advised PSU	
		Vf	W	2700K	3000K	4000K	2700K	3000K	4000K	No dim	Dali
Standard	350	48,9	17,1	600	650	700	105	114	123	127568	142045
Special request	500	49,9	24,9	850	900	975	102	108	117	127568	126566
Special request	650	50,8	33	1075	1150	1225	98	105	111	127568	126566
Standard	800	51,5	41,2	1300	1375	1475	95	100	107	127568	126566
Special request	1050	52,7	55,4	1650	1750	1850	89	95	100	127568	126566

* Information about 2 spots to 1 driver ask our sales department.

SPECIFICATIONS

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

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



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



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



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

eldoLED CASAMBI

ITEM SPECIFICATIONS See L4CS pricelist page 7

Description	24°		60°		80°		W per lamp	Lm/W	CRI (typ.)	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR				
Linea 120 L4CS max 1650Lm 2700K CRI93	897A03XX2UE2	18.8	897A03XX2VE2	19.7	897A03XX2WE2	24.1	18,5	89	93	III
Linea 120 L4CS max 1750Lm 3000K CRI93	897B03XX2UE2	19.1	897B03XX2VE2	19.9	897B03XX2WE2	24.4	18,5	95	93	III
Linea 120 L4CS max 1850Lm 4000K CRI93	897E03XX2UE2	19.2	897E03XX2VE2	20.1	897E03XX2WE2	24.5	18,5	100	93	III

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





Ø 230 mm

BEAM ANGLE



Reflector
LV: 24° / 60°



Diffuser
LV: 80°

COLOURS



Matt white
RAL 9016 (XX=MW)



Matt black
RAL 9005 (XX=BL)

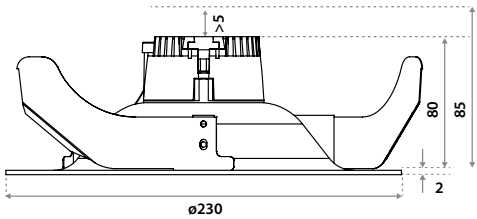
SPRINGS



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

Linea 185 L4CS

DIMENSIONS



CHOOSE YOUR LV LUMEN OUTPUT

See 'power supplies' page 67

	mA	1 spot		Lumen Output			Lumen / Watt			Advised PSU	
		Vf	W	2700K	3000K	4000K	2700K	3000K	4000K	No dim	Dali
Standard	350	16,3	5,7	600	650	700	105	114	123	127574	142045
Special request	500	16,6	8,3	850	900	975	102	108	117	127574	142045
Special request	650	16,9	11,0	1075	1150	1225	98	105	111	127574	142045
Standard	800	17,2	13,7	1300	1375	1475	95	100	107	127574	142045
Special request	1050	17,6	18,5	1650	1750	1850	89	95	100	127574	142045
Special request	1200	17,8	21,3	1825	1925	2050	86	90	96	127690	ECO560A
Standard	1400	18,1	25,3	2075	2175	2350	82	86	93	127690	ECO560A

	mA	3 spots*		Lumen Output			Lumen / Watt			Advised PSU	
		Vf	W	2700K	3000K	4000K	2700K	3000K	4000K	No dim	Dali
Standard	350	48,9	17,1	600	650	700	105	114	123	127568	142045
Special request	500	49,9	24,9	850	900	975	102	108	117	127568	126566
Special request	650	50,8	33	1075	1150	1225	98	105	111	127568	126566
Standard	800	51,5	41,2	1300	1375	1475	95	100	107	127568	126566
Special request	1050	52,7	55,4	1650	1750	1850	89	95	100	127568	126566
Special request	1200	53,3	63,9	1825	1925	2050	86	90	96	127568	126566
Standard	1400	54,2	75,9	2075	2175	2350	82	86	93	127568	126566

* Information about 2 spots to 1 driver ask our sales department.

SPECIFICATIONS

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

This luminaire contains built-in LED lamps.

There are no exchangeable parts inside the luminaire.

EU 874/2012

170 to 175

8-85
85

Using GS springs: Ø 170-175 mm.

Thickness ceiling 8-85 mm & recess depth 85 mm. For plasterboard ceilings or similar harder materials. Turn the ring on the front counterclockwise after installation.

180 to 210

1-35
85

Using WS springs: Ø 180-210 mm.

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

eldoLED   bridgelux CASAMBI

IP20

IP65

MADE IN HOLLAND

7 YEAR WARRANTY

ECO

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

ITEM SPECIFICATIONS

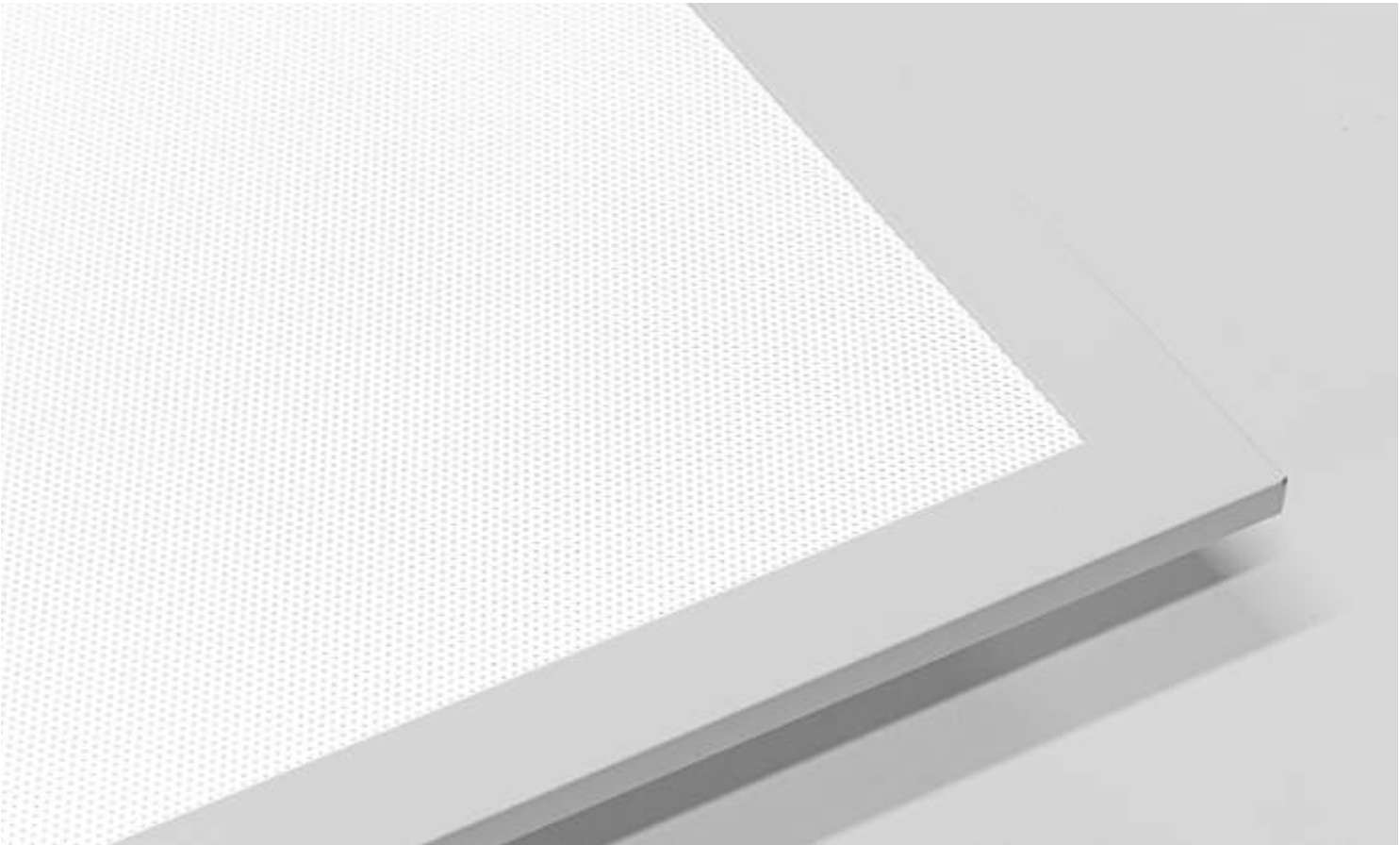
See L4CS pricelist page 7

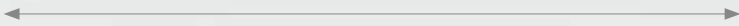
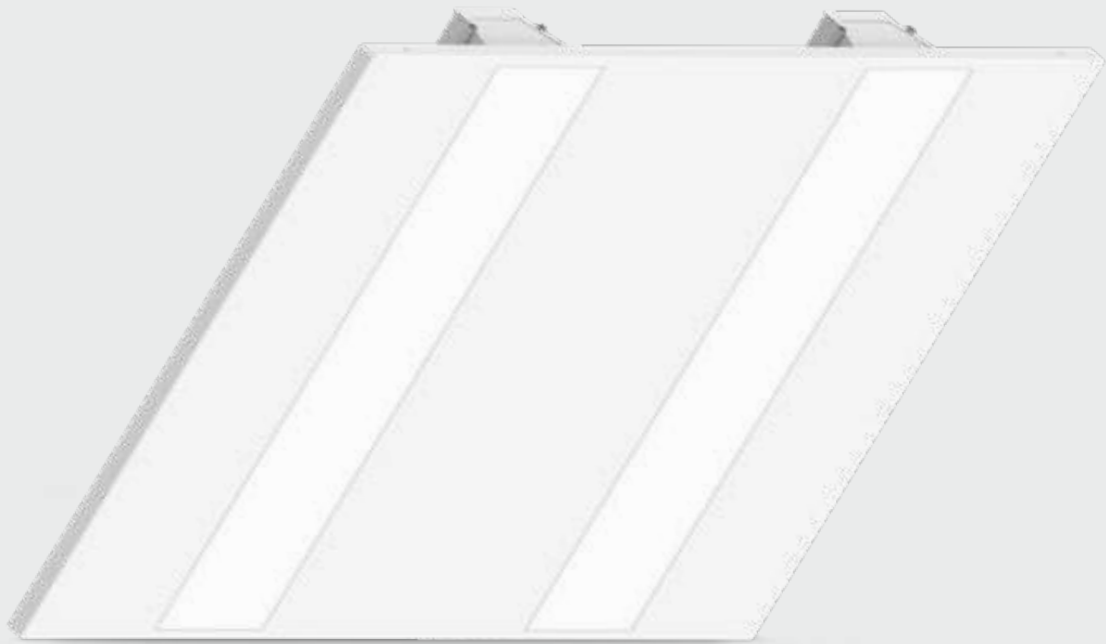
Description	24°		60°		80°		W per lamp	Lm/W	CRI (typ.)	Safety class
	Item code	UGR	Item code	UGR	Item code	UGR				
Linea 185 L4CS max 2075Lm 2700K CRI93	877A03XX2UE2	17.5	877A03XX2VE2	18.4	877A03XX2WE2	22.8	25,3	82	93	III
Linea 185 L4CS max 2175Lm 3000K CRI93	877B03XX2UE2	17.7	877B03XX2VE2	18.6	877B03XX2WE2	23.0	25,3	86	93	III
Linea 185 L4CS max 2350Lm 4000K CRI93	877E03XX2UE2	18.0	877E03XX2VE2	18.8	877E03XX2WE2	23.3	25,3	93	93	III

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







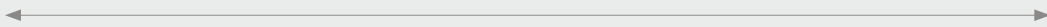


595x595 / 620x620 mm



1195x295 mm

ON REQUEST

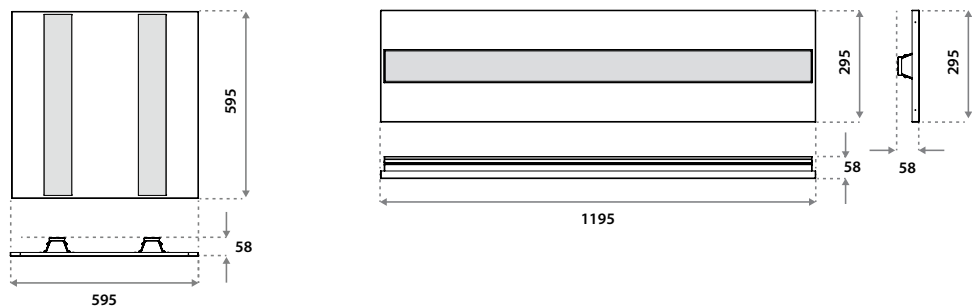


1720x100 mm

Variants of this version are available on special request via our MIYO department.

Cortina L4CS

DIMENSIONS



SPECIFICATIONS

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

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



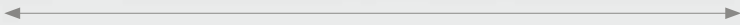
CHOOSE YOUR LUMEN OUTPUT See 'power supplies' page 69

	mA	Vf	W per lamp	Lumen Output		Lumen / watt		UGR		Advised PSU			
				3000K	4000K	3000K	4000K	3000K	4000K	No dim	Dali	Triac	Casambi
Special request	500	33,1	16,5	2600	2700	157	163	17.5	17.6	CC36W150-900	CC36W150-900	EC25CA-E1ZHP	127648
Standard	650	33,5	21,8	3300	3450	152	158	18.3	18.5	CC36W150-900	CC36W150-900	EC25CA-E1ZHP	127648
Special request	700	33,7	23,6	3500	3700	148	157	18.5	18.7	CC36W150-900	CC36W150-900	EC25CA-E1ZHP	127648
Standard	800	33,9	27,1	3950	4150	146	153	19.0	19.1	CC36W150-900	CC36W150-900	X	127648
Special request	900	34,2	30,8	4400	4600	143	149	19.3	19.5	CC36W150-900	CC36W150-900	X	127648
Standard	1050	34,6	36,4	5050	5300	139	146	19.8	20.0	127574	142045	X	127648

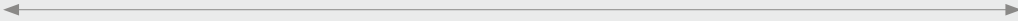
ITEM SPECIFICATIONS See L4CS pricelist page 8

Description	Item code	Input	Vf	W per lamp	Lm	Lm/W	CRI (typ.)	Safety class
Cortina 595x595 L4CS max 5050Lm CRI82 3000K	CAC303MWTXE2	max 1050mA	34,6	36,4	5050	139	82	III
Cortina 595x595 L4CS max 5300Lm CRI82 4000K	CAC303MWTYE2	max 1050mA	34,6	36,4	5300	146	82	III
Cortina 1195x295 L4CS max 5050Lm CRI82 3000K	CAC403MWTXE2	max 1050mA	34,6	36,4	5050	139	82	III
Cortina 1195x295 L4CS max 5300Lm CRI82 4000K	CAC403MWTYE2	max 1050mA	34,6	36,4	5300	146	82	III

LED PANEL B



595x595 mm

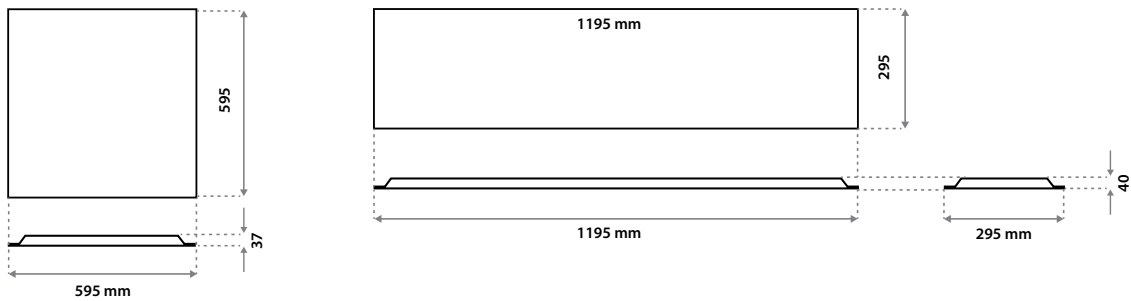


1195x295 mm



LED Panel B

DIMENSIONS



SPECIFICATIONS

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

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



CHOOSE YOUR LUMEN OUTPUT See 'power supplies' page 69

	mA	Vf	W per lamp	Lumen Output			Lumen / watt			UGR		
				3000K	4000K	2700-6500K*	3000K	4000K	2700-6500K*	3000K	4000K	2700-6500K*
Special request	250	31,9	8,0	1325	1450	1450	166	182	182	13.2	13.5	13.5
Special request	300	32,1	9,6	1575	1700	1700	164	177	177	13.8	14.1	14.1
Special request	350	32,2	11,3	1825	2000	2000	162	177	177	14.3	14.6	14.6
Special request	450	32,6	14,7	2325	2525	2525	158	172	172	15.1	15.4	15.4
Special request	500	32,8	16,4	2575	2800	2800	157	171	171	15.5	15.8	15.8
Special request	550	32,9	18,1	2825	3075	3075	156	170	170	15.8	16.1	16.1
Special request	600	33,1	19,9	3050	3325	3325	154	167	167	16.1	16.4	16.4
Standard	650	33,2	21,6	3325	3600	3600	154	167	167	16.4	16.7	16.7
Special request	700	33,4	23,4	3550	3850	3850	152	165	165	16.6	19.9	19.9
Standard	800	33,7	27,0	4025	4350	4350	149	161	161	17.0	17.3	17.3
Special request	900	34,0	30,6	4550	4950	4950	149	162	162	17.5	17.8	17.8
Special request	1000	34,3	34,3	5000	5425	5425	146	158	158	17.8	18.1	18.1
Standard	1050	34,7	36,4	5200	5650	5650	143	155	155	17.9	18.2	18.2

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

ITEM SPECIFICATIONS See L4CS pricelist page 8

Description	Item code	Input	Vf	W per lamp	Lm	Lm/W	CRI* (typ.)	UGR	Safety class
LED Panel B 595x595 L4CS max 5200Lm CRI82 3000K	301K03MW63E2	max 1050mA	34,7	36,4	5200	143	82	179	III
LED Panel B 595x595 L4CS max 5650Lm CRI82 4000K	301K03MW64E2	max 1050mA	34,7	36,4	5650	155	82	18.2	III
LED Panel B 595x595 L4CS max 5650Lm CRI82 2700-6500K	301K03MW61E2	max 1050mA	34,7	36,4	5650	155	82	18.2	III
LED Panel B 1195x295 L4CS max 5200Lm CRI82 3000K	321K03MW63E2	max 1050mA	34,7	36,4	5200	143	82	179	III
LED Panel B 1195x295 L4CS max 5650Lm CRI82 4000K	321K03MW64E2	max 1050mA	34,7	36,4	5650	155	82	18.2	III

All values are measured at 230V (+/- 7%). *CRI93 version availabe from 2026.



LED panel accessories

See L4CS pricelist page 9

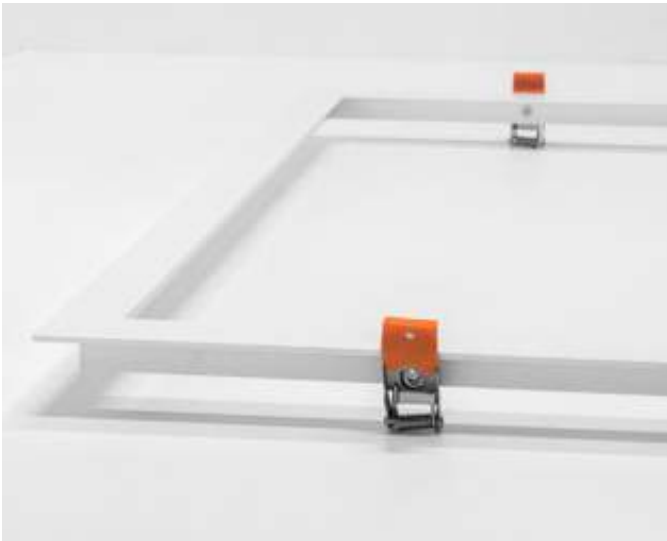
LED Panel B / Cortina

LED PANEL ACCESSOIRES



Surface mounting frame

Colour	White
Description	Surface mounting frame
Dimension	600x600x65 mm
Item code	00IK03MW0102
Type of material	Aluminium



Pendant kits

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

Recessed frame

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

Installation 4 spots to 1 driver

Step 1: Choose your luminaire



Felta
24



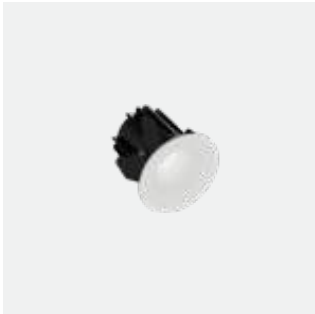
Groovy
24



Ligna
26



Ferro
28



Linea 50
48

4 SPOTS TO 1 DRIVER



Step 2: Choose your Power supply



PSU 36W No dim
KGP CC36W150-900 NFC



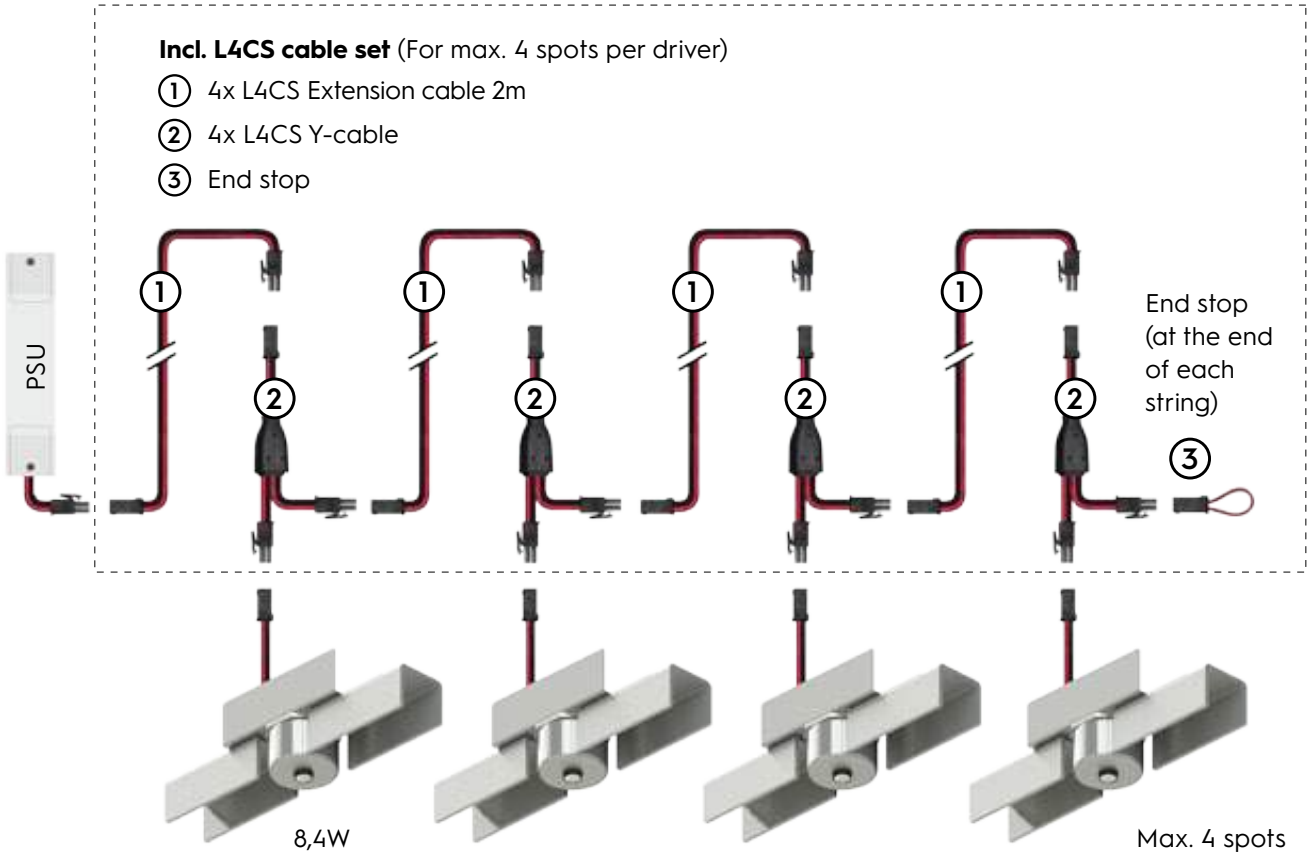
PSU 36W Dali*
KGP CC36W150-900 NFC



PSU 32W Triac
TCI 122260



PSU 38W Casambi
TCI 127648 NFC



ITEM SPECIFICATIONS See L4CS pricelist page 12-17

Driver types Incl. L4CS cable set 4L	Supplier name	Item code	Input	Watt	Max mA	Max Vf	Pf	Eff	Inrush current	B-16A Fuse
PSU 36W 500mA No-dim KGP	CC36W150-900	05PM03MLMA04	220-240V AC/DC	36W	150-900	50	>0.95	88%	8,5A 16µS	59 pcs
PSU 36W 500mA Dali KGP *	CC36W150-900	05PP03MLMA04	220-240V AC/DC	36W	150-900	50	>0.95	88%	8,5A 16µS	59 pcs
PSU 32W 500mA Triac TCI	122260	05GG03MLMA04	220-240V AC/DC	32W	350-700	46	0.97	85%	5A 50µS	50 pcs
PSU 38W 500mA Casambi TCI	127648	05PN03MLMA04	220-240V AC/DC	38W	300-1050	51	0.95	>90%	5A 50µS	50 pcs
PSU 36W 700mA No-dim KGP	CC36W150-900	05PH03MLMA04	220-240V AC/DC	36W	150-900	50	>0.95	88%	8,5A 16µS	59 pcs
PSU 36W 700mA Dali KGP *	CC36W150-900	05PJ03MLMA04	220-240V AC/DC	36W	150-900	50	>0.95	88%	8,5A 16µS	59 pcs
PSU 32W 700mA Triac TCI	122260	05MG03MLMA04	220-240V AC/DC	32W	350-700	46	0.97	85%	5A 50µS	50 pcs
PSU 38W 700mA Casambi TCI	127648	05QG03MLMA04	220-240V AC/DC	38W	300-1050	51	0.95	>90%	5A 50µS	50 pcs

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

Installation 3 spots to 1 driver

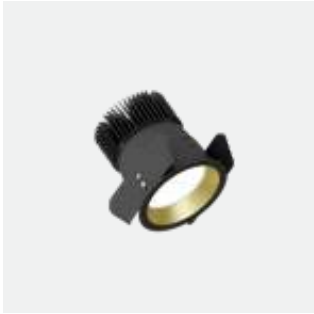
Step 1: Choose your luminaire



Strada 75
40



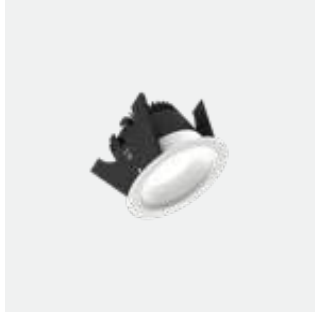
Strada 90
42



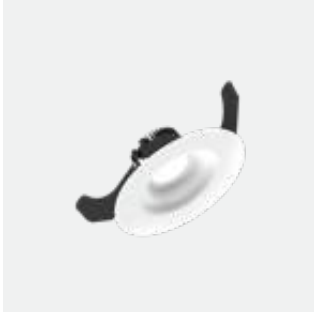
Strada 100
44



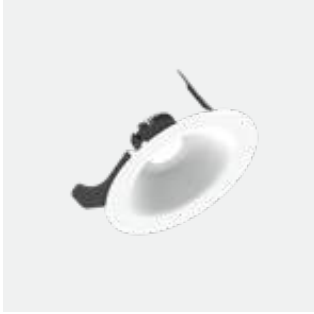
Vesper 550
34



Linea 75
50



Linea 120
52

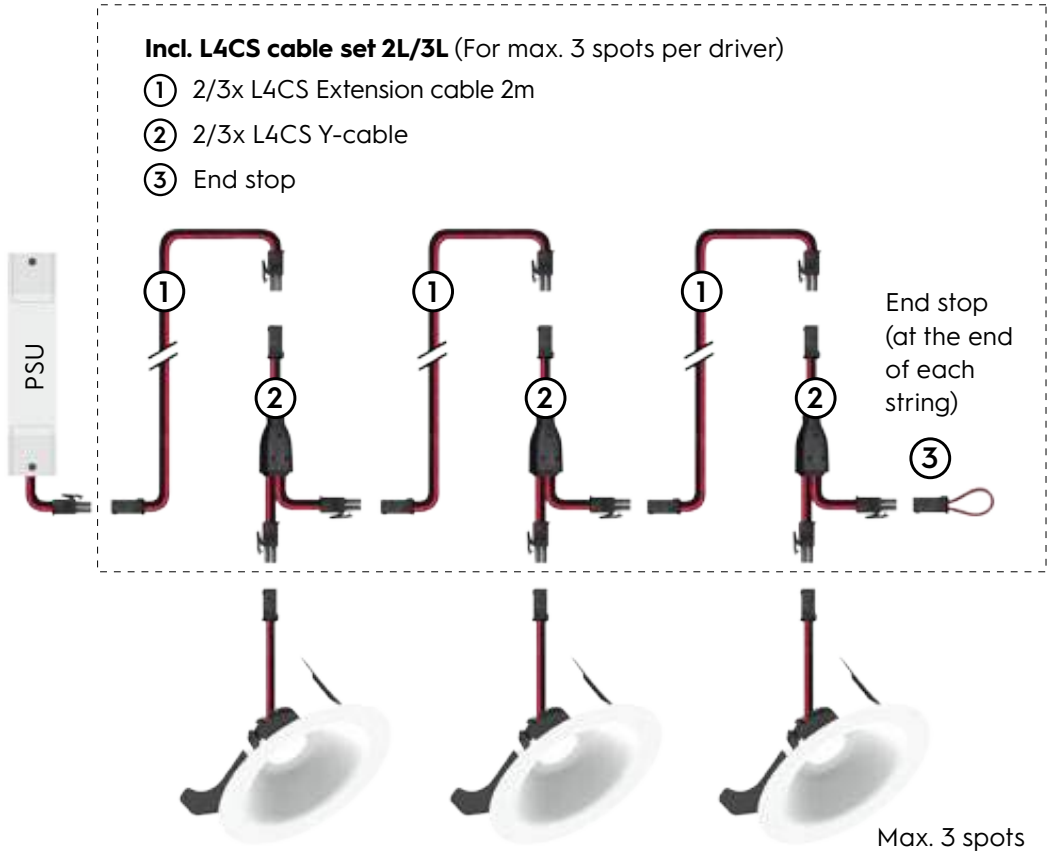


Linea 185
54



Vesper 1090
34

3 SPOTS TO 1 DRIVER



Step 2: Choose your Power supply



PSU 40W No dim
TCI 127574



PSU 45W No dim
TCI 127690



PSU 38W Dali
TCI 142045 NFC



PSU 50W Dali
Eldoled Eco560/A



PSU 78W No dim
TCI 127568



PSU 78W Dali
TCI 126566



Interface Dali-Casambi
TCI 127659



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

19

ITEM SPECIFICATIONS

See L4CS pricelist page 12-17

Driver types	Supplier name	Item code	Input	W	Max mA	Max Vf	Pf	Eff	Inrush current	B-16A Fuse
PSU 40W 350mA No dim TCI + L4CS cable 1L	127574	05MP03MLMA00	220-240V AC/DC	40W	300-1050	38	>0.95	>90%	5A50µs	50 pcs
PSU 38W 350mA Dali TCI + L4CS cable 1L	142045	05L303MLMA00	220-240V AC/DC	38W	150-1050	36	>0.95	>89%	5A50µs	50 pcs
PSU 78W 350mA No dim TCI + L4CS cable set 3L	127568	05M103MLMA03	220-240V AC/DC	78W	350-1400	56	0.95	>91%	10A200µs	30 pcs
PSU 38W 350mA Dali TCI + L4CS cable set 3L	142045	05L303MLMA03	220-240V AC/DC	38W	150-1050	36	>0.95	>89%	5A50µs	50 pcs
PSU 40W 800mA No dim TCI + L4CS cable 1L	127574	05L203MLMA00	220-240V AC/DC	40W	300-1050	38	>0.95	>90%	5A50µs	50 pcs
PSU 38W 800mA Dali TCI + L4CS cable 1L	142045	05L403MLMA00	220-240V AC/DC	38W	150-1050	36	>0.95	>89%	5A50µs	50 pcs
PSU 78W 800mA No dim TCI + L4CS cable set 3L	127568	05L703MLMA03	220-240V AC/DC	78W	350-1400	56	0.95	>91%	10A200µs	30 pcs
PSU 78W 800mA Dali TCI + L4CS cable set 3L	126566	05L903MLMA03	220-240V AC/DC	78W	350-1400	56	0.95	>91%	10A200µs	30 pcs
PSU 50W 800mA 2CH Dali DT8 Eldoled* 2x L4CS cable 1L	Dualdrive562/A	05QU03MLMA00	220-240V AC/DC	50W	150-1400	55	>0.95	88%	< 100mA²s	80 pcs
PSU 50W 800mA 2CH Dali DT8 Eldoled** 2x cable set 3L	Dualdrive562/A	05QU03MLMA03	220-240V AC/DC	50W	150-1400	55	>0.95	88%	< 100mA²s	80 pcs
PSU 40W 1050mA No dim TCI + L4CS cable 1L	127574	05L103MLMA00	220-240V AC/DC	40W	300-1050	38	>0.95	>90%	5A50µs	50 pcs
PSU 38W 1050mA Dali TCI + L4CS cable 1L	142045	05LN03MLMA00	220-240V AC/DC	38W	150-1050	36	>0.95	>89%	5A50µs	50 pcs
PSU 78W 1050mA No dim TCI + L4CS cable set 3L	127568	05M203MLMA03	220-240V AC/DC	78W	350-1400	56	0.95	>91%	10A200µs	30 pcs
PSU 78W 1050mA Dali TCI + L4CS cable set 3L	126566	05M303MLMA03	220-240V AC/DC	78W	350-1400	56	0.95	>91%	10A200µs	30 pcs
PSU 50W 1050mA 2CH Dali DT8 Eldoled* 2x L4CS cable 1L	Dualdrive562/A	05P603MLMA00	220-240V AC/DC	50W	150-1400	55	>0.95	88%	< 100mA²s	80 pcs
PSU 45W 1400mA No dim TCI + L4CS cable 1L	127690	05L503MLMA00	220-240V AC/DC	45W	650-1400	32	>0.95	>90%	5A50µs	50 pcs
PSU 50W 1400mA Dali Eldoled + L4CS cable 1L	Eco560/A	05FN03MLMA00	220-240V AC/DC	50W	150-1400	36	0.95	88%	< 100mA²s	80 pcs
PSU 78W 1400mA No dim TCI + L4CS cable set 3L	127568	05L703MLMA03	220-240V AC/DC	78W	350-1400	56	0.95	>91%	10A200µs	30 pcs
PSU 78W 1400mA Dali TCI + L4CS cable set 3L	126566	05L903MLMA03	220-240V AC/DC	78W	350-1400	56	0.95	>91%	10A200µs	30 pcs
PSU 50W 1400mA 2CH Dali DT8 Eldoled* 2x L4CS cable 1L	Dualdrive562/A	05FW03MLMA00	220-240V AC/DC	50W	150-1400	55	>0.95	88%	< 100mA²s	80 pcs
Interface Dali-Casambi TCI (max 40 pcs.)	127659	05M403MLMA00	220-240V AC/DC	-	100	16	0.4	-	-	-

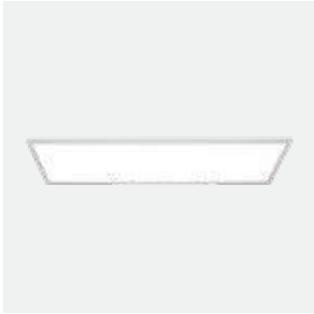
All values are measured at 230V (+/- 7%). *Only applies to Vesper 550/1090. **Only applies to Vesper 1090.

Installation 1 spot to 1 driver

Step 1: Choose your luminaire



LED Panel B 595x595
60



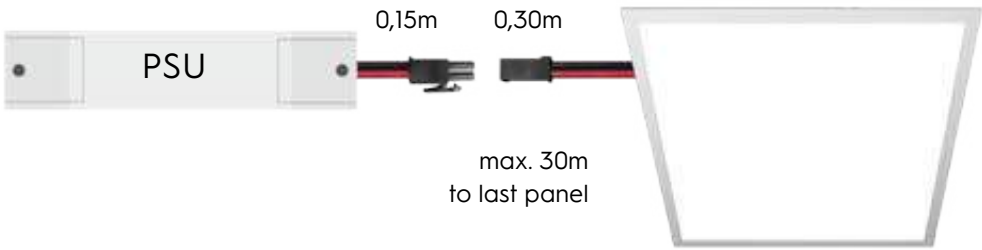
LED Panel B 1195x295
60



Cortina 595x595
58



Cortina 1195x295
58



1 SPOT TO 1 DRIVER



Step 2: Choose your Power supply



PSU 36W No dim
KGP CC36W150-900 NFC



PSU 36W Dali
KGP CC36W150-900 NFC



PSU 25W Triac
Eldoled EC25CA-E1ZHP



PSU 44W 2CH Dali DT8
KGP CC44W300-1050*



PSU 40W No dim
TCI 127574



PSU 38W Dali
TCI 142045 NFC



PSU 38W Casambi
TCI 127648 NFC



PSU 50W 2CH Dali DT8
Eldoled Dualdrive 562/A*

ITEM SPECIFICATIONS [See L4CS pricelist page 12-17](#)

Driver types + L4CS cable(s)	Supplier name	Item code	Watt	Max mA	Max Vf	Pf	Eff	Inrush current	B-16A Fuse
PSU 36W 650mA No dim KGP	CC36W150-900	05PY03MLMA00	36W	150-900	40	>0.95	88%	8,5A 16µS	59 pcs
PSU 36W 650mA Dali KGP	CC36W150-900	05QB03MLMA00	36W	150-900	40	>0.95	88%	8,5A 16µS	59 pcs
PSU 44W 650mA 2CH Dali DT8 KGP *	CC44W300-1050	05QV03MLMA00	44W	300-1050	45	>0.95	88%	<9.4A/16µS	53 pcs
PSU 38W 650mA Casambi TCI	127648	05QA03MLMA00	38W	300-1050	36	0.95	>90%	5A 50µS	50 pcs
PSU 50W 650mA 2CH Dali DT8 Eldoled *	Dualdrive 562/A	05QT03MLMA00	50W	150-1050	55	>0.95	88%	< 100mA²s	80 pcs
PSU 25W 700mA Triac Eldoled	EC25CA-E1ZHP	05PZ03MLMA00	25W	350-700	36	0.99	85%	< 40mA²s	84 pcs
PSU 36W 800mA No dim KGP	CC36W150-900	05PU03MLMA00	36W	150-900	40	>0.95	88%	8,5A 16µS	59 pcs
PSU 36W 800mA Dali KGP	CC36W150-900	05PX03MLMA00	36W	150-900	40	>0.95	88%	8,5A 16µS	59 pcs
PSU 44W 800mA 2CH Dali DT8 KGP *	CC44W300-1050	05QW03MLMA00	44W	300-1050	45	>0.95	88%	<9.4A/16µS	53 pcs
PSU 38W 800mA Casambi TCI	127648	05PW03MLMA00	38W	300-1050	36	0.95	>90%	5A 50µS	50 pcs
PSU 50W 800mA 2CH Dali DT8 Eldoled *	Dualdrive 562/A	05QU03MLMA00	50W	150-1050	55	>0.95	88%	< 100mA²s	80 pcs
PSU 40W 1050mA No dim TCI	127574	05LI03MLMA00	40W	300-1050	38	>0.95	>90%	5A50µS	50 pcs
PSU 38W 1050mA Dali TCI	142045	05LN03MLMA00	38W	150-1050	36	>0.95	>89%	5A50µS	50 pcs
PSU 44W 1050mA 2CH Dali DT8 KGP *	CC44W300-1050	05P503MLMA00	44W	300-1050	45	>0.95	88%	<9.4A/16µS	53 pcs
PSU 38W 1050mA Casambi TCI	127648	05M503MLMA00	38W	300-1050	36	0.95	>90%	5A 50µS	50 pcs
PSU 50W 1050mA 2CH Dali DT8 Eldoled *	Dualdrive 562/A	05P603MLMA00	50W	150-1050	55	>0.95	88%	< 100mA²s	80 pcs

All values are measured at 230V (+/- 7%). * Applies only to LED Panel B 595x595 (+2 LV cables).

Choose nearby or remote

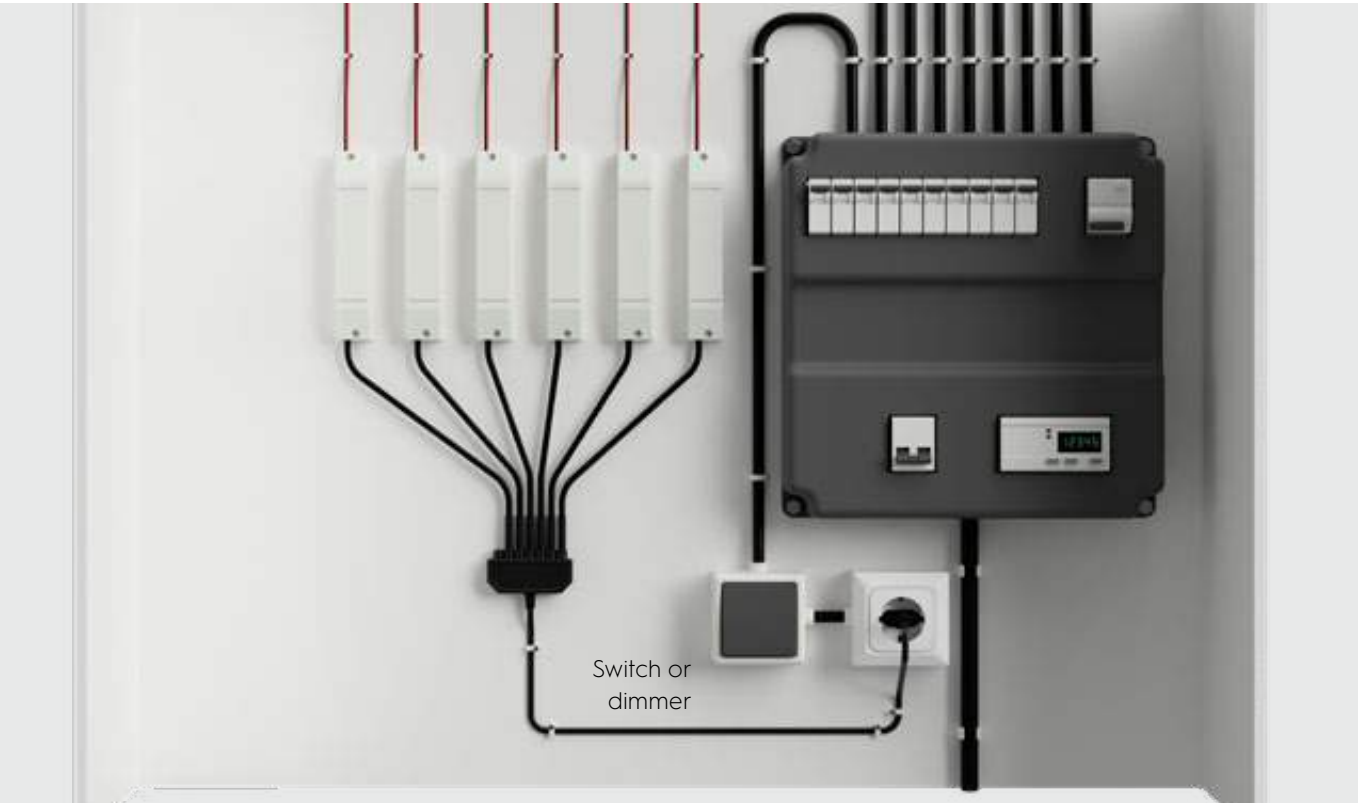
We recommend placing the drivers decentrally, but if this is not possible, it is better to place a mains filter on the power group because it might be difficult to replace a defective driver. For instance: Littlefuse LSP05G240SX333 or Littlefuse LSP05G277SX333

NEARBY



The drivers can be attached to the cross rail with double-sided tape (not provided). Due to the difficult accessibility of the power supply, we recommend using a mains filter to increase the lifespan of the power supply.

REMOTE



It is recommended to install the power supplies in an easily accessible place. By using the LV extension cable, the distance to the last spot can be increased to a maximum of 30 metres.



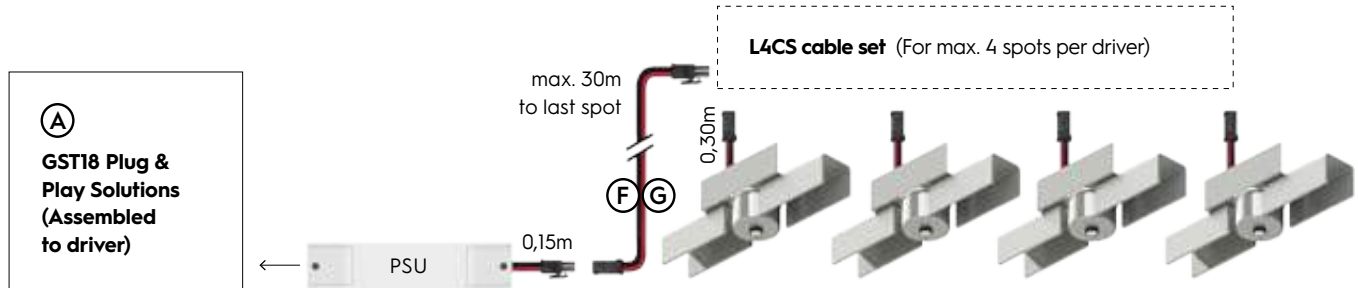
GST18 system 16A

GST18 Plug & Play Solutions (Assembled to driver)



PLUG & PLAY CABLE SYSTEM 3/5P

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



ITEM SPECIFICATIONS See L4CS pricelist page 10

Description		Class	Lenght	Item code
A1	Euro plug incl. cable	II	2.0 m	015203BL1200
A2	Schuko plug incl. cable	I	1.5 m	1C5203BLA000
A3	UK plug incl. cable	II	2.0 m	0A5203BL1200
A4	3P GST18 male incl. cable 2x0.75mm²	II	0.3 m	455203BL0000
A4	3P GST18 male incl. cable 2x0.75mm²	II	3.0 m	455203BL1500
A4	3P GST18 male incl. cable 3x0.75mm²	I	0.3 m	4A5203BL0000
A4	3P GST18 male incl. cable 3x0.75mm²	I	3.0 m	4A5203BL1500
A5	5P GST18 male T-10V/Dali incl. cable 4x0.75mm²	II	0,3 m	655203BL0000
A5	5P GST18 male T-10V/Dali incl. cable 4x0.75mm²	II	3,0 m	655203BL1500
A5	5P GST18 male T-10V/Dali incl. cable 5x0.75mm²	I	0,3 m	6A5203BL0000
A5	5P GST18 male T-10V/Dali incl. cable 5x0.75mm²	I	3,0 m	6A5203BL1500
A6	BST14i male Dali incl. cable	III	0.5 m	095203BL0000
A6	BST14i male Dali incl. cable	III	3.0 m	095203BL1500
A7	3P GST18 T-splitter male incl. cable	II	0.2 m	459203BL0000
A7	3P GST18 T-splitter male incl. cable	I	0.2 m	4A9203BL0000
A8	5P GST18 T-splitter male T-10V/Dali	I / II	x	659203BU0000
A9	BST14i T-splitter male T-10V/Dali incl. cable	III	0,2 m	099203BL0000



ILLUXTRON

With over 50 years of knowledge and experience in the lighting industry, we have become a leading supplier of high-quality LED lighting products. We know our products inside out and strive for continuous improvements. But we don't stop there - if our collection doesn't meet your needs, we can provide custom-made lighting solutions, from minor modifications to entirely new products. It is, therefore, no coincidence that an ever-increasing number of customers apply Illuxtron lighting products in projects.



CUSTOMISED SOLUTIONS

At Illuxtron, we create competitive and innovative LED lighting for a broad audience. But what if you can't find a luminaire that fits your needs? That's where MIYO (Make It Your Own) comes in – offering everything from simple adjustments like colour or size to entirely new lighting solutions. We design custom-made lighting tailored specifically to your needs



A FAMILY BUSINESS

For over 50 years, the company has been driven by passionate employees committed to providing high-quality LED lighting.



INVENTIVE

We incorporate the latest technology in our LED lighting. We always look to innovate and improve, from dimmable downlights to LED panels and luxurious ceiling lights.



100% DUTCH

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



7-YEAR GUARANTEE

Our guarantee is based on the luminaires operating continuously at a max. ambient temperature of 45°C.



PROJECT SUPPORT

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



SOCIAL ENGAGEMENT

All our products are assembled at social workshops in the Netherlands.



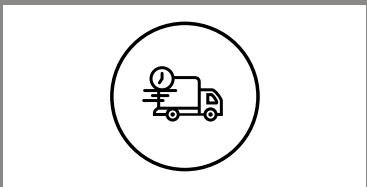
LIGHTING KNOWLEDGE

Light is our passion. We are dedicated to creating a well-designed lighting plan that brings out the best in your workspace and/or your products.



CUSTOMER SUPPORT

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



FAST DELIVERY

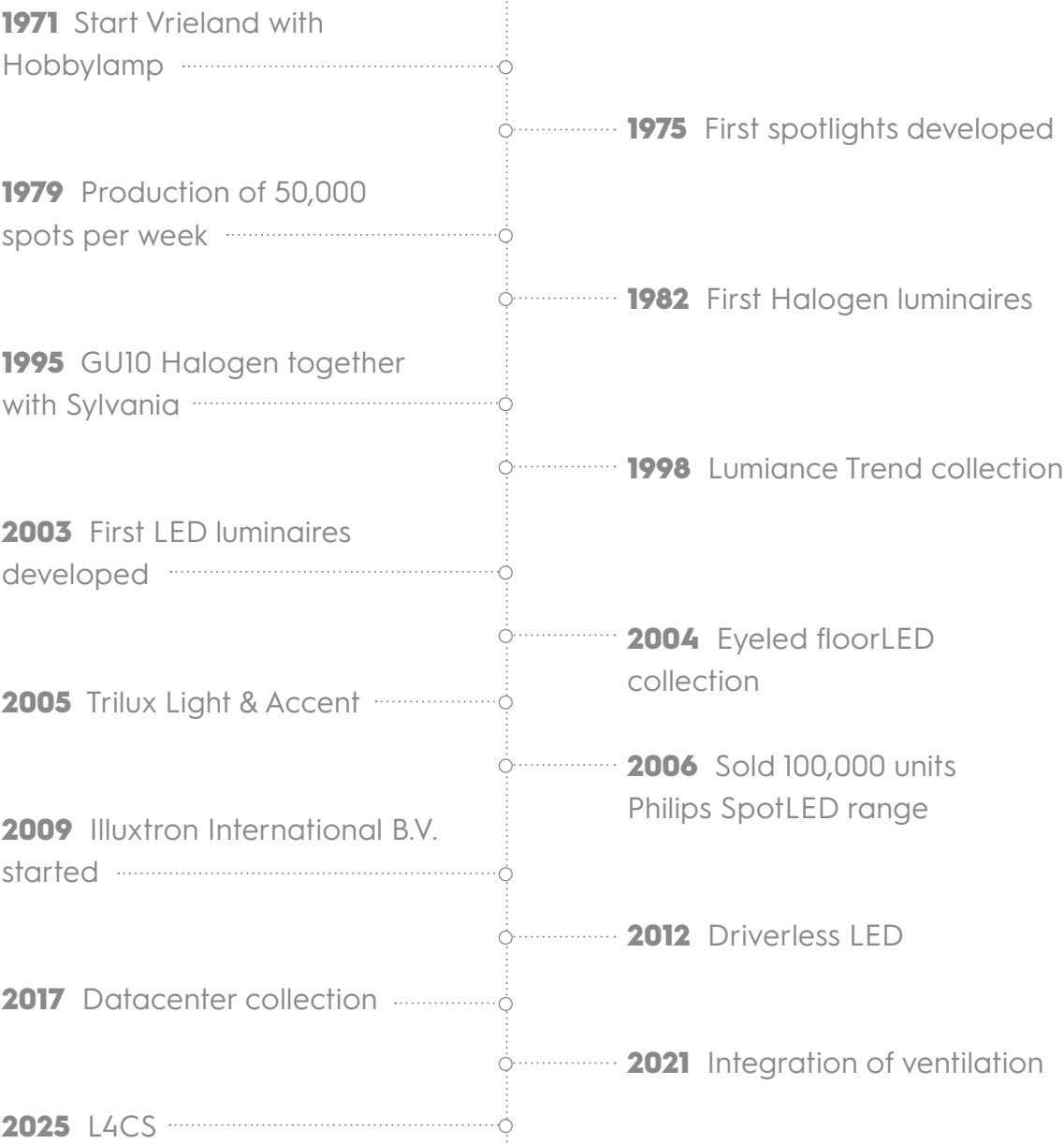
Illuxtron has enough inventory to ensure a delivery time of 10 days (for orders of less than 100 pieces).

About us

50 years of

History

ABOUT US



Timeline



Quinten sr.



Quinten jr.

Characteristic products



1971

→ Hobbylamp

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



1974

→ Stekkerspot

Luminaire to plug in a wallsocket



1978

→ Clampspot E14

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



1981

→ Sweazy

Tablelamp E14



1984

→ Gallo

Halogen table lamp G4



1985

→ Quattro

Halogen spot AR50



1987

→ Xantippe

Design by Ad van Berlo



1999

→ Frame

GU10 spot developed for the
commercial market



2003

→ Eyeleds

6.5mm floorLED to build in
different flooring materials



2005

→ SpotLED

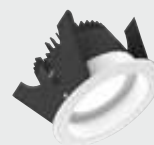
First LEDspot in high volume.
Developed for Philips.



2011

→ SensorTune

50mm module with integrated
PIR sensor



2012

→ Fluxe 75

HV driverless downlight



2018

→ Pointer

Antiglare pin hole spot



2021

→ Linessa Air

Antiglare Panel serie
incl. cold or hot air ventilation



2023

→ Pointer Spot SM 2L



2025

→ Felta

Lights for ceiling solutions

Definitions and abbreviations

DEFINITIONS AND ABBREVIATIONS

LV	Low Voltage incl. Power Supply (PSU)
L4CS	Low Voltage excl. Power Supply (PSU)
PSU	Power Supply Unit
Driver	PSU Constant Current
CS	Supplied with concrete springs to be installed in concrete or gyproc ceilings (metal only with the right thickness).
GS	Supplied with gyproc springs to be installed in gyproc ceilings (metal only with the right thickness).
WS	Supplied with wire springs to be installed in gyproc and metal ceilings.
MW	Colour: white
BL	Colour: black
K	Kelvin
Lm	Lumen
W	Watt
Efficacy	The actual lumen output in relation to the incorporated power system
CRI	Colour Rendering Index
UGR	Unified Glare Rating
IP rate	Ingress Protection rating (water and dust protection)
IK rate	Impact protection rating
Vf	Forward Voltage (Driver required which can handle this Vf)
DIP-switch	Manual adjustable switch (Dual in Line)
NFC	Near Field Communication
EMC	Electromagnetic Compatibility
Pf	Power Factor
Ta	Ambient Temperature
Tc	Contact Temperature
Tj	Junction Temperature
HCL	Human Centric Lighting





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