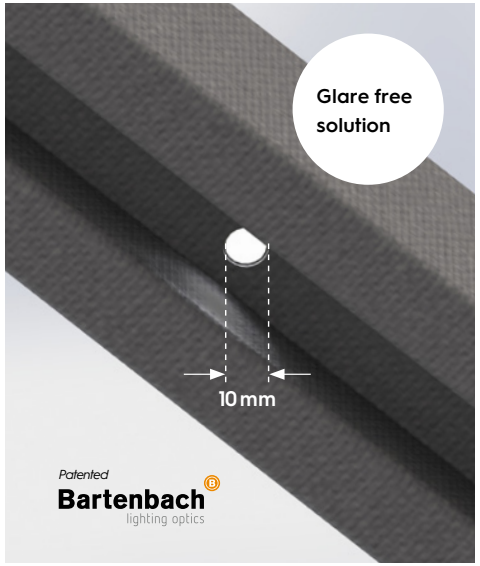
L4CS Lighting for Ceiling Solutions.

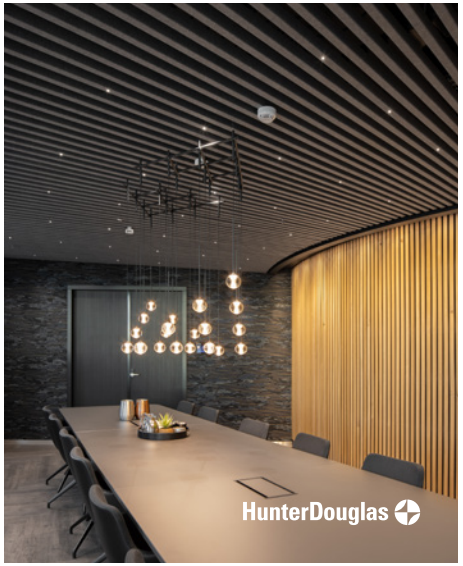
Integrated LED module for Textile Heartfelt® Panels

Felta

ILLUXTRON® LIGHTING

In cooperation with | HunterDouglas





HEARTFELT® BY HUNTER DOUGLAS

These unique felt ceilings have excellent acoustic properties and offer an exceptional appearance where comfort and aesthetics are paramount. Sustainability is a crucial concept with this ceiling: Heartfelt® is 100% recyclable, and/or the materials can be easily reused. Hunter Douglas uses felt material specifically to create beautiful ceilings that meet the highest acoustic and visual requirements.

FELTA BY ILLUXTRON

Illuxtron faced the challenge of creating a lighting module that would produce the desired light image while minimizing disruption to the clean lines of the ceiling.

7 years warranty

Easy Install System

Made in Holland

LIGHTING SPECIFICATIONS

Lumen output: 550/600/650Lm
Cct: 2700/3000/4000K
Hole size: Ø 10 mm
CRI: 82
Wattage: 8.4W
UGR: <10 (see datasheet)
Lumen watts: 77 Lm/W
Input current: max. 700 mA
Beam angle: 60°
Safety class: III
Safety norms: EN60598 / EN62031 / EN62471
Emc norms: EN55015
Operating temperature: -20°C / +45°C
Lifetime L90B10 reported: >60.000 hrs
Environment: Indoor
Colour consistency (SDCM): MacAdam step 3

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

HEARTFELT® GROOVE SPECIFICATIONS

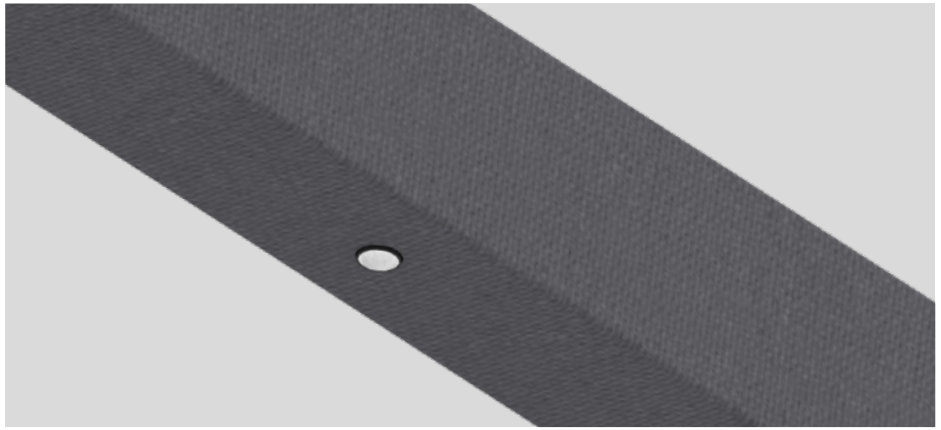
- Modular linear felt system
- Panel dimensions Boxshaped: 60 x 50 mm
- Available in 5 shades of grey
- Panel length max. 6000 mm

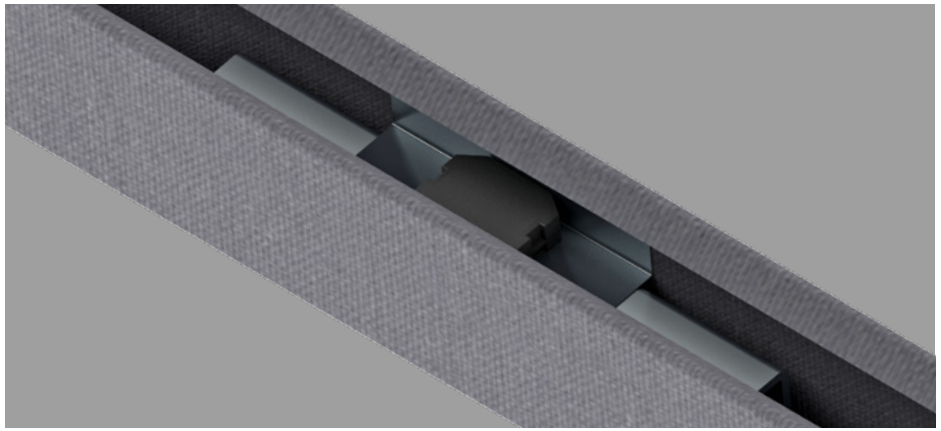
FELTA

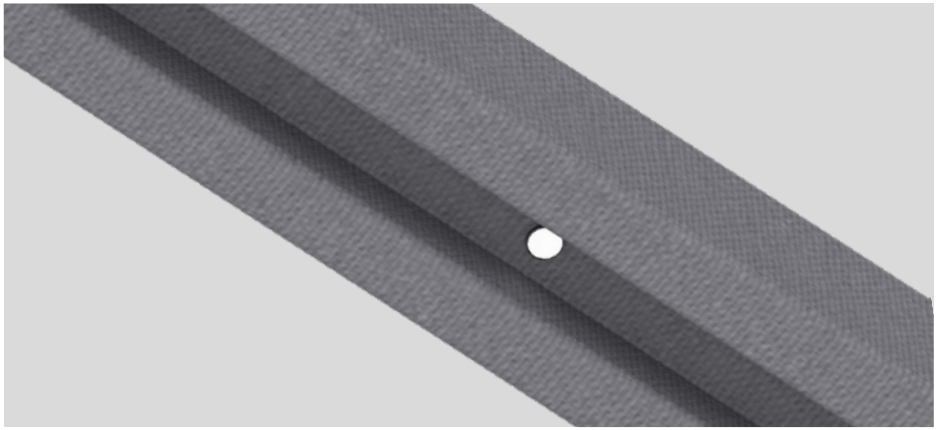
This version is intended for integration into the TEXTILE Heartfelt® linear. Only the tube of the optics protrudes through a hole in the felt that can be made in the panel; the rest of the luminary is completely invisible. The top bracket not only provides extra cooling but also ensures that the optics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

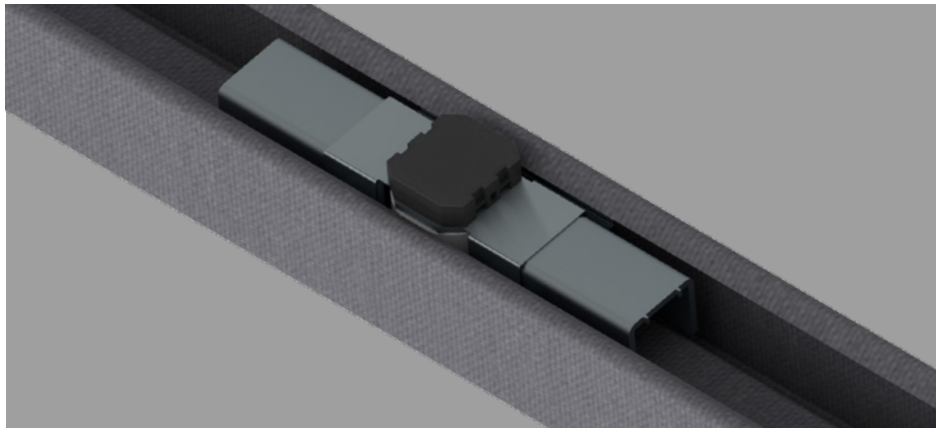
GROOVY

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.









FELTA/GROOVY/PSU

Felta
spot

Groovy
spot

PSU 36W No dim
PSU 36W Dali
PSU 32W Triac
PSU 38W Casambi

PLUG & PLAY CABLE SYSTEM 3/5P - ACCESSOIRIES

A GST18 Plug & Play Solutions (Assembled to driver)

A1

A3

A4

A5

A6

A7

A8

A9

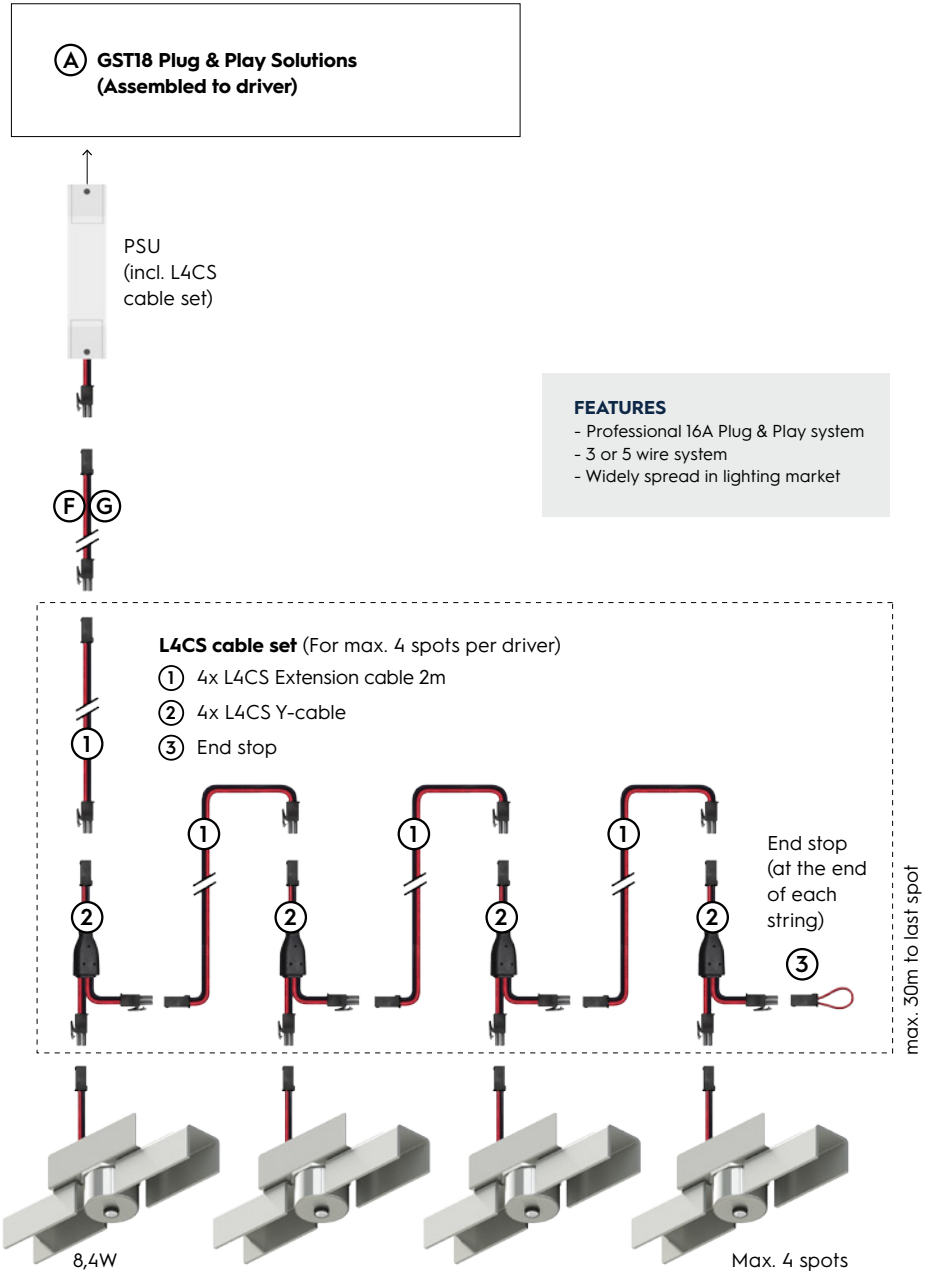
F

L4CS Extension cable
2m

G

L4CS Extension cable
10m

PLUG & PLAY CABLE SYSTEM 3/5P



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

FELTA/GROOVY

	Description	Specification	Item code	Over carton
	Felta L4CS + LV Plug	2700K CRI82 550LM 60° 700mA 12Vf	FL2803AL27E2	8 pcs
		3000K CRI82 600LM 60° 700mA 12Vf	FL2803AL30E2	8 pcs
		4000K CRI82 650LM 60° 700mA 12Vf	FL2803AL40E2	8 pcs
	Groovy L4CS + LV Plug	2700K CRI82 550LM 60° 700mA 12Vf	GR2803AL27E2	8 pcs
		3000K CRI82 600LM 60° 700mA 12Vf	GR2803AL30E2	8 pcs
		4000K CRI82 650LM 60° 700mA 12Vf	GR2803AL40E2	8 pcs

PSU

	Description	Specification	Item code	Over carton
	PSU + L4CS cable set 4L	36W 700mA No dim nfc	05PH03MLMT00	10 pcs
		36W 700mA Dali[1] nfc	05PJ03MLMT00	8 pcs
		32W 700mA Triac	05MG03MLMT00	10 pcs
		38W 700mA Casambi nfc	05QG03MLMT00	10 pcs

[1]Dali is not suitable for the HV Distributor system.

ACCESSORIES

	Description	Specification	Item code	Over carton
F	L4CS Extension cable 2m	LV 10m m/f (0,34mm²)	6B5203BL1202	16 pcs
G	L4CS Extension cable 10m	LV 10m m/f (0,34mm²)	6E5203BL1202	16 pcs
	Hole puncher	Felta Groove 10mm incl. alignment tool	001J03RE0000	1 pc

GST18 PLUG & PLAY SOLUTIONS (ASSEMBLED TO DRIVER)

	Description	Class	Length	Item code
A1	Euro plug incl. cable	II	2.0 m	015203BL1200
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
A5	5P GST18 male 1-10V/Dali incl. cable 4x0,75mm²	II	0.3 m	655203BL0000
A5	5P GST18 male 1-10V/Dali incl. cable 4x0,75mm²	II	3.0 m	655203BL1500
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
A8	5P GST18 T-splitter male 1-10V/Dali	I / II	x	659203BU0000
A9	BST14i T-splitter male 1-10V/Dali incl. cable	III	0,2 m	099203BL0000

FELTA/GROOVY/PSU

Felta
spot

Groovy
spot

PSU 36W No dim
PSU 32W Triac
PSU 38W Casambi

DISTRIBUTOR SYSTEM 2P - ACCESSORIES

B

2P Plug

C

2P Extension
cable 2m (between driver
and 6-way distributor)

F

L4CS Extension cable
2m

D

2P Distributor 6x
+ Europlug

E

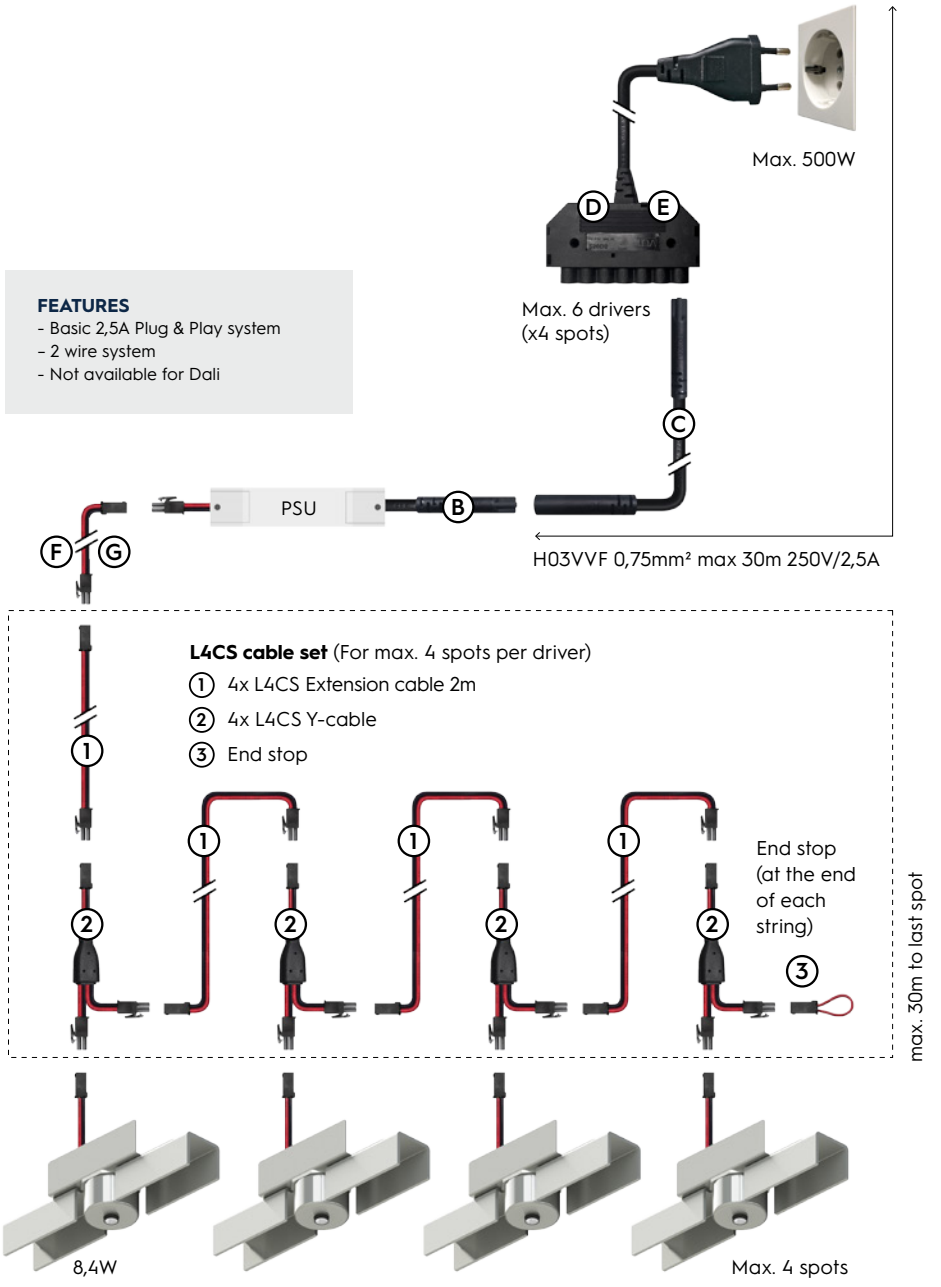
2P Distributor 6x
+ GST18 3P

G

L4CS Extension cable
10m

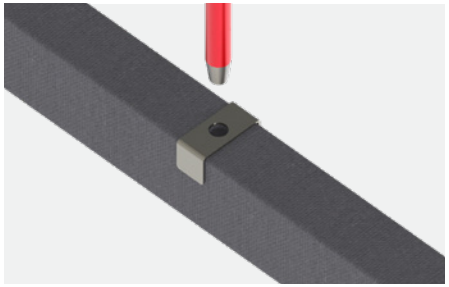
DISTRIBUTOR SYSTEM 2P (Not for Dali.)

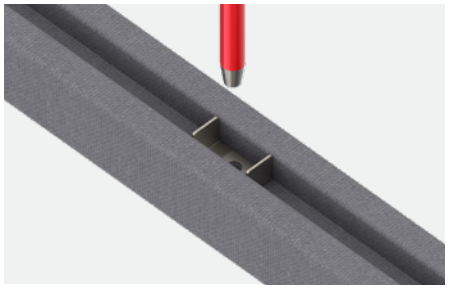
FEATURES
- Basic 2,5A Plug & Play system
- 2 wire system
- Not available for Dali



HV DISTRIBUTOR SYSTEM - ACCESSORIES

	Description	Specification	Item code	Over carton
B	2P Plug 0,15m	HV 0,15m male (0,75mm²)	6J5203BL1B02	Assembled to driver, not for Dali drivers
C	2P Extension cable	HV Ø7,6mm 2m m/f (0,75mm²)	6F5203BL1202	30 pcs
D	2P Distributor 6x Europlug	HV Ø7,6mm 6x + cable 1m 2,5A	665203BL2502	15 pcs
E	2P Distributor 6x GST18 3P	HV Ø7,6mm 6x + cable 1m 2,5A	665203BL1502	15 pcs
F	L4CS Extension cable 2m	LV 2m m/f (0,34mm²)	6B5203BL1202	16 pcs
G	L4CS Extension cable 10m	LV 10m m/f (0,34mm²)	6E5203BL1202	16 pcs
	Hole puncher	Felta Groove 10mm incl. alignment tool	001J03RE0000	1 pc

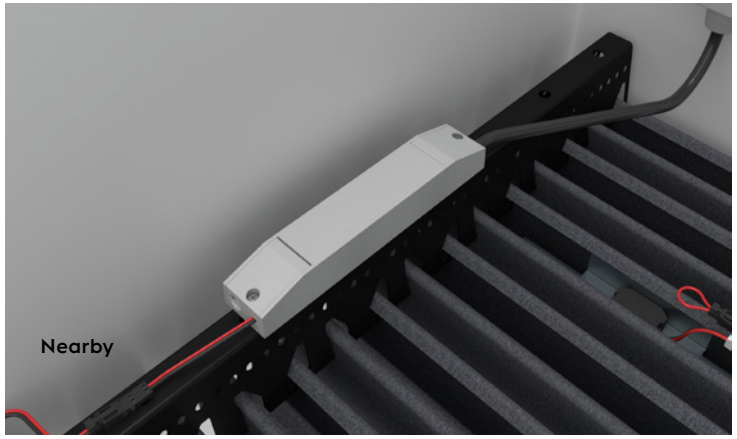




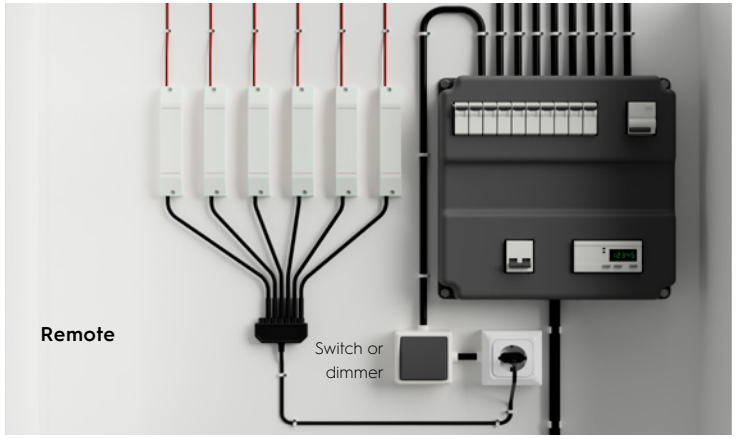
Hole puncher Felta/Groovy
By clamping a block of wood in a vise, it is possible to make a hole in the slat yourself using a hole punch and an alignment tool.

INSTALLATION PSU

It's recommend to place 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.



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.



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.

The tranquility of the integrated Felta fixture

About us

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.

MADE IN HOLLAND

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 WARRANTY

7-YEAR GUARANTEE

Our guarantee is based on the luminaires burning continuously at a maximum ambient temperature of 45°.

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

Check out our website for more information and inspiration. Scan the QR code or go to illuxtron.com!

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ILLUXTRON®
LIGHTING

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