



VIZULO

LEAF SLIM

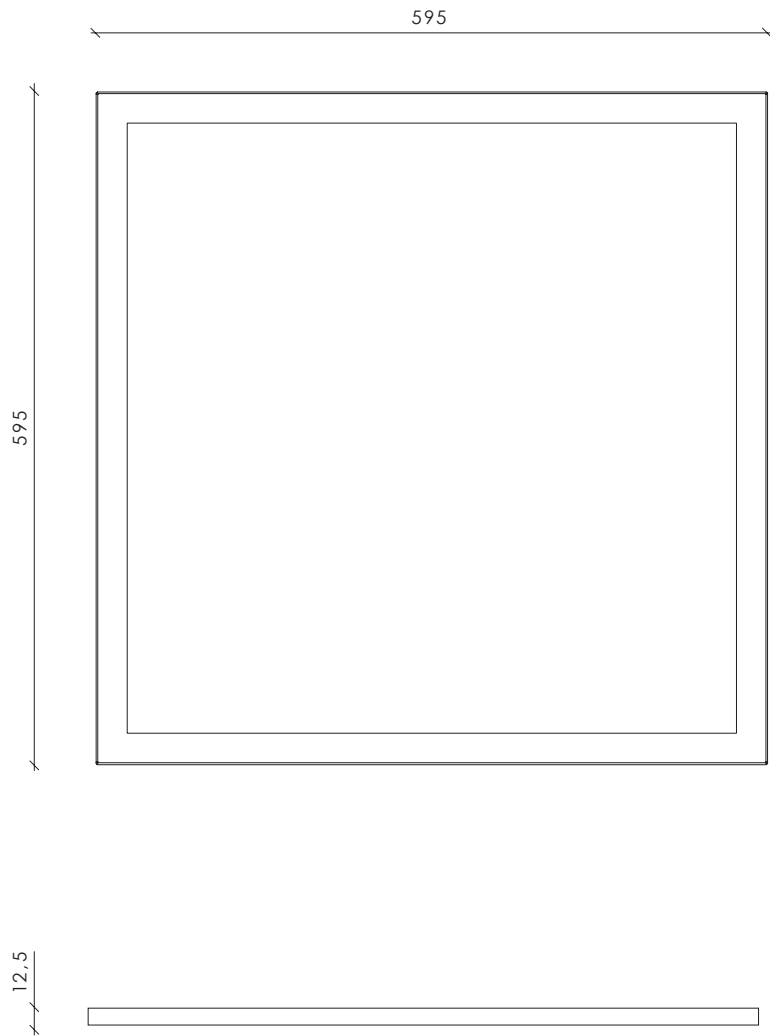


# Leaf Slim



RAL9016

Other colors  
available on request



# Applications



▾ Corridors



▾ Common areas



▾ Office

## Technical information



IP20

IP40



RoHS



SundaHus<sup>5</sup>  
assessment  
available



<b>V</b>	220 - 240
<b>Hz</b>	50 - 60
<b>W</b>	15 - 45
<b>lm</b>	Up to 4800 <sup>(1)</sup>
<b>lm/W</b>	Up to 125
<b>K</b>	3000 / 4000 / TW 2700 - 6500 K <sup>(2)</sup>
<b>°C</b>	+10 to +40
<b>CRI</b>	>80 / >90 / >95 <sup>(3)</sup> >90 / >95 <sup>(4)</sup>

<b>Body:</b>	Aluminium profile
<b>Dimming:</b>	DALI / Bluetooth / Non dimmable
<b>Sensor:</b>	Microwave
<b>Initial chromaticity:</b>	MacAdam 3
<b>Lifetime:</b>	100 000 h (L80B10) at Ta = 25 °C* 50 000 h (L90B10) at Ta = 25 °C*
<b>Warranty:</b>	5 years 2 years (emergency configuration)
<b>Cover:</b>	Microprismatic / Opal
<b>Mounting:</b>	Recessed / Surface / Pendant
<b>Human Centric</b>	
<b>Lighting:</b>	Available
<b>Neto weight:</b>	Up to 2.9 kg

<sup>1)</sup> Lumen output indicated at CRI > 70

<sup>2)</sup> 1800 / 2200 / 2700 / 3500 / 5000 / 5700 / 6500 K available on request along with other not listed CRI and CCT

<sup>3)</sup> Standard LED CRI

<sup>4)</sup> Sun-Mimic LED CRI

<sup>5)</sup> Check SundaHus web page for product assessment results

\*This value is only informative and may change according to selected article. LED Lifetime is strongly depending from LEDs current and junction temperature – increase in LED current and luminaire power lead to increase of junction temperature and as consequence lifetime decrease. Thus, luminaire models with lower power, lower current (and lower junction temperature) will have higher lifetime than standard models. And high power and high current luminaire models may have negative lifetime deviation comparing to standard models. To receive precise value please contact VIZULO export representatives.

Technical parameters for final product can differ from typical data by 7% due to special conditions of LED manufacturing processes.

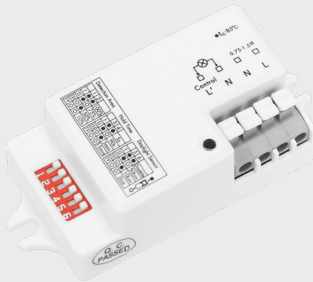
## MCB / Inrush current table

### Tridonic LED driver

	In-rush current (peak/duration)	B10A	B13A	B16A	B20A	C10A	C13A	C16A	C20A
LFS 20-25 W	25 A (141 μs)	19	24	31	40	31	40	51	66
LFS 26-45 W	28 A (195 μs)	13	18	22	28	21	30	36	46

# Sensors

## Microwave sensor



<i>Power Source:</i>	220 – 240 VAC (50/60 Hz)
<i>Rated load:</i>	400 W
<i>Stand-by power:</i>	<0.5 W
<i>Sensitivity:</i>	10% / 50% / 75% / 100%
<i>Hold-time:</i>	5 s / 90 s / 5 min / 15 min *
<i>Daylight sensor:</i>	2 lux / 10 lux / 50 lux, disable *
<i>Microwave frequency:</i>	5.8 GHz +/- 75 MHz
<i>Detection range (diameter):</i>	10 m *
<i>Installing Height (Max):</i>	6 m *
<i>Detection angle:</i>	30° ~ 150° *
<i>Working temperature:</i>	-20 °C ~ 60 °C
<i>IP rating:</i>	IP20
<i>Certificates:</i>	Semko, CB, CE, RCM, RoHS, RED

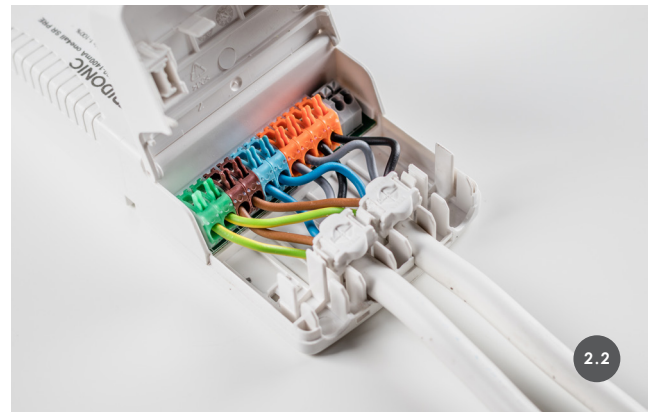
\* Other values available on demand, contact us for more information!

# Exploring Leaf Slim

## Quick connection



## Loop through function





# Accessories

Leaf Slim suspension set

Art. 70042006

Leaf Slim surface mount kit,  
600x600 mm

Art. 70042004



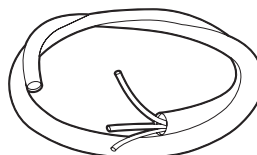
Connection cable 5x1.5 mm<sup>2</sup>  
(x2.5 m) with open end

Art. 70042016



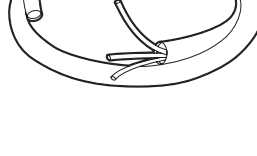
Connection cable 3x1.5 mm<sup>2</sup>  
(x2.5 m) with open end

Art. 70042018



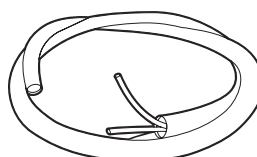
Connection cable 3x1.5 mm<sup>2</sup>  
(x2.5 m) with open end

Art. 70042019



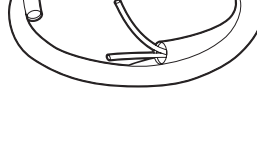
Connection cable 2x1.5 mm<sup>2</sup>  
(x2.5 m) with open end

Art. 70042020



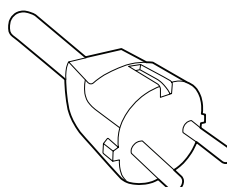
Connection cable 2x1.5 mm<sup>2</sup>  
(x2.5 m) with open end

Art. 70042021



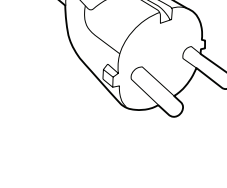
Connection cable 3x1.5 mm<sup>2</sup>  
(x2.5 m) with plug

Art. 70042022



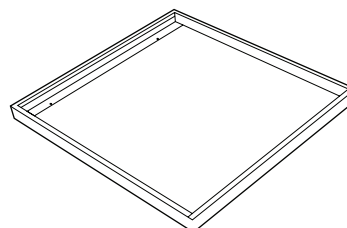
Connection cable 2x1.5 mm<sup>2</sup>  
(x2.5 m) with plug

Art. 70042023



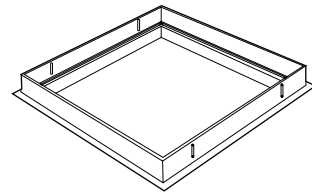
Leaf slim push-in mount frame,  
600x600mm

Art. 70042042

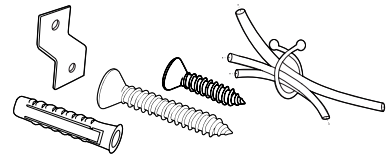




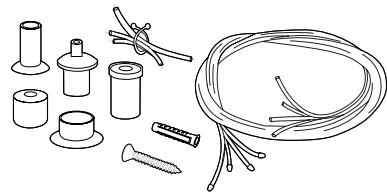
Leaf slim board mount frame, 600x600mm Art. 70042043



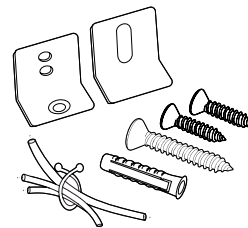
Leaf slim Z-shaped wall-mount bracket set\* Art. 70042044



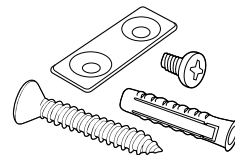
Leaf slim suspension set\* Art. 70042006



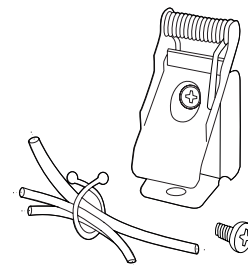
Leaf slim L-shaped bracket set\* Art. 70042045



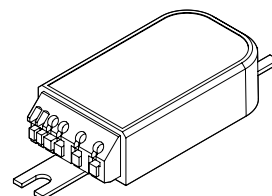
Leaf slim wall mount connection set\* Art. 70042046



Leaf slim recessed spring set\* Art. 70042047



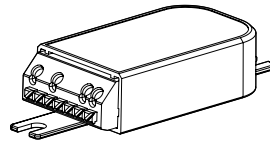
BasicDIM Wireless G2 Art. 70000733



\*each part x4 in one set

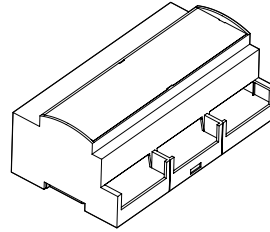
DALI PS3

Art. 70000675



SceneCOM evo DA2

Art. 70000707

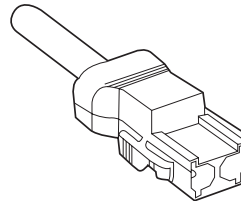


Connection cable 2x1.5 mm<sup>2</sup> (x2.5 m)  
with Ensto (NAC21S.W) 2-way plug

Art. 70042010

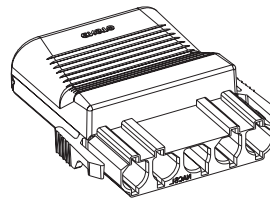
Connection cable 2x2.5 mm<sup>2</sup> (x2.5 m)  
with Ensto (NAC21S.W) 2-way plug

Art. 70042015



Connection cable 5x1.5 mm<sup>2</sup>  
(x2.5 m) with Ensto (NAC51S.W)  
5-way plug

Art. 70042009

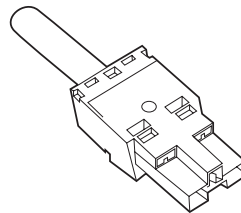


Connection cable 2x1.5 mm<sup>2</sup> (x2.5 m)  
with Wago Winsta(770-112/041-000)  
2-way plug

Art. 70042008

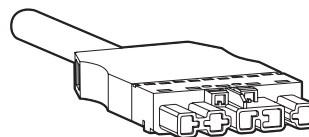
Connection cable 2x2.5 mm<sup>2</sup> (x2.5 m)  
with Wago Winsta(770-112/041-000)  
2-way plug

Art. 70042013

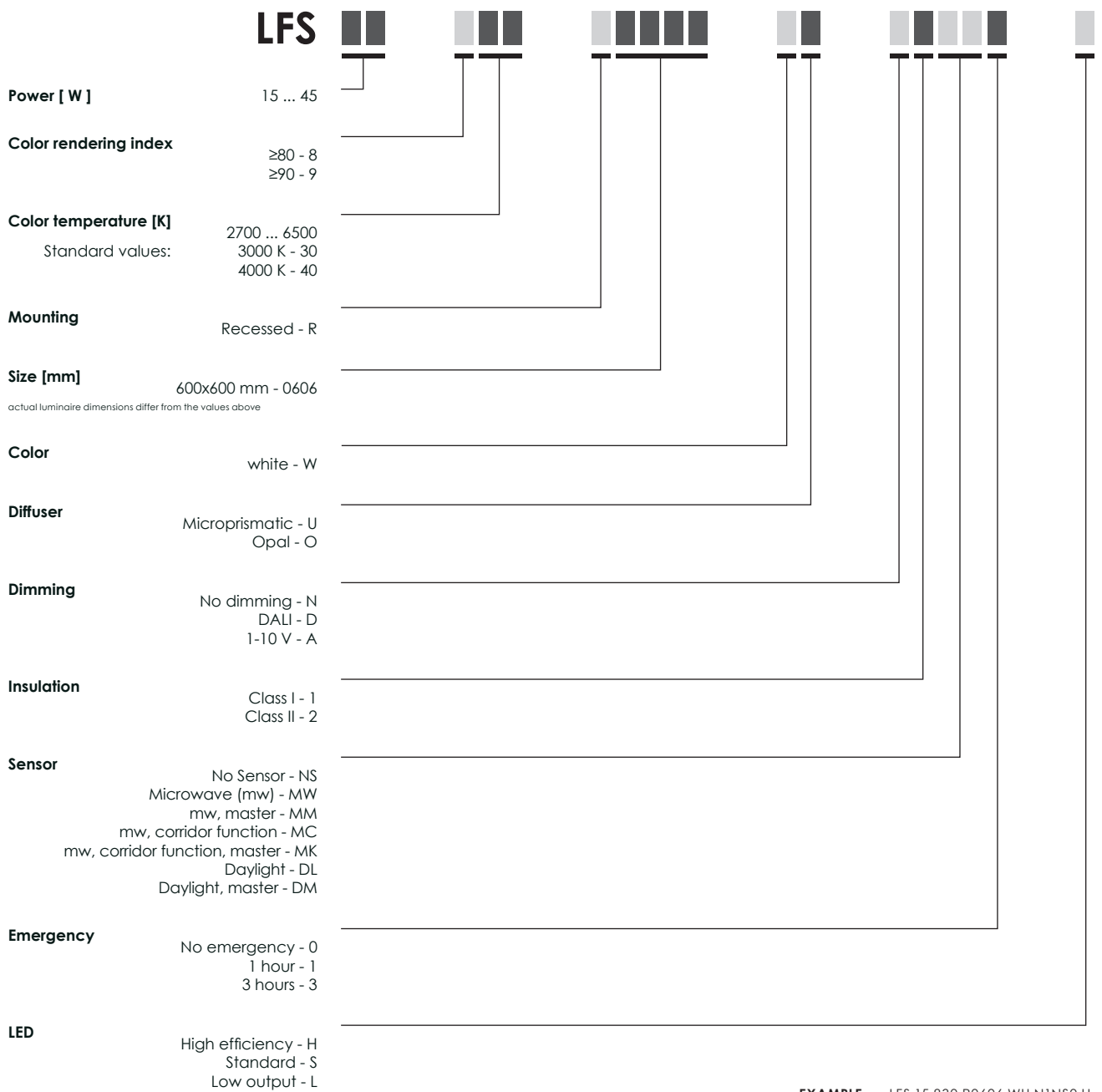


Connection cable with DALI 5x1.5 mm<sup>2</sup>  
(x2.5 m) with Wago Winsta(770-1115)  
5-way plug

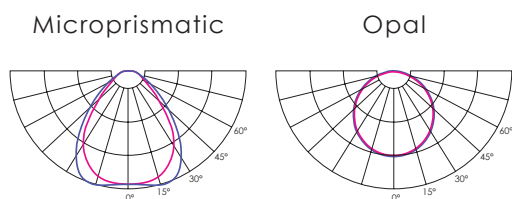
Art. 70042030



# Model name principles



## Optics





# Articles

## Leaf Slim non dimmable

Article	Model Number	Rated input power	Size	CCT	Luminous flux, lm	Luminous efficacy, lm/W	Color	Cover	Dimming	Weight, kg
42300197	LFS 35 840 R0606 WU N2NS0 S	35 W	595x595 mm	4000 K	4200 lm	120 lm/W	White	Prismatic	ND	2,9 kg
42300195	LFS 35 830 R0606 WU N2NS0 S	35 W	595x595 mm	3000 K	4030 lm	115 lm/W	White	Prismatic	ND	2,9 kg
42300164	LFS 37 840 R0606 WO N2NS0 S	37 W	595x595 mm	4000 K	4055 lm	109 lm/W	White	Opal	ND	2,9 kg
42300168	LFS 37 830 R0606 WO N2NS0 S	37 W	595x595 mm	3000 K	4055 lm	109 lm/W	White	Opal	ND	2,9 kg

## Leaf Slim DALI

Article	Model Number	Rated input power	Size	CCT	Luminous flux, lm	Luminous efficacy, lm/W	Color	Cover	Dimming	Weight, kg
42300196	LFS 35 840 R0606 WU D1NS0 S	35 W	595x595 mm	4000 K	4200 lm	120 lm/W	White	Prismatic	DALI	2,9 kg
42300194	LFS 35 830 R0606 WU D1NS0 S	35 W	595x595mm	3000 K	4030 lm	115 lm/W	White	Prismatic	DALI	2,9 kg
42300163	LFS 36 840 R0606 WO D1NS0 S	36 W	595x595 mm	4000 K	4055 lm	112 lm/W	White	Opal	DALI	2,9 kg
42300167	LFS 36 830 R0606 WO D1NS0 S	36 W	595x595 mm	3000 K	4055 lm	112 lm/W	White	Opal	DALI	2,9 kg
42300203	LFS 41 840 R0606 WU D1NS0 S	41 W	595x595 mm	4000 K	4800 lm	117 lm/W	White	Prismatic	DALI	2,9 kg
42300204	LFS 41 830 R0606 WU D1NS0 S	41 W	595x595mm	3000 K	4600 lm	112 lm/W	White	Prismatic	DALI	2,9 kg
42300205	LFS 41 840 R0606 WO D1NS0 S	41 W	595x595 mm	4000 K	4620 lm	112 lm/W	White	Opal	DALI	2,9 kg
42300206	LFS 41 830 R0606 WO D1NS0 S	41 W	595x595 mm	3000 K	4400 lm	107 lm/W	White	Opal	DALI	2,9 kg
42300209	LFS 26 830 R0606 WU D1NS0 S	26 W	595x595 mm	3000 K	2990 lm	115 lm/W	White	Prismatic	DALI	2,9 kg
42300210	LFS 37 830 R0606 WU D1NS0 S	37 W	595x595 mm	3000 K	4255 lm	134 lm/W	White	Prismatic	DALI	2,9 kg

## Leaf Slim non dimmable High Efficiency

Article	Model Number	Rated input power	Size	CCT	Luminous flux, lm	Luminous efficacy, lm/W	Color	Cover	Dimming	Weight, kg
42300193	LFS 35 840 R0606 WU N2NS0 H	35 W	595x595 mm	4000 K	4380 lm	125 lm/W	White	Prismatic	ND	2,9 kg
42300189	LFS 35 830 R0606 WU N2NS0 H	35 W	595x595 mm	3000 K	4200 lm	120 lm/W	White	Prismatic	ND	2,9 kg

## Leaf Slim DALI High Efficiency

Article	Model Number	Rated input power	Size	CCT	Luminous flux, lm	Luminous efficacy, lm/W	Color	Cover	Dimming	Weight, kg
42300192	LFS 35 840 R0606 WU D1NS0 H	35 W	595x595 mm	4000 K	4380 lm	125 lm/W	White	Prismatic	DALI	2,9 kg
42300188	LFS 35 830 R0606 WU D1NS0 H	35 W	595x595 mm	3000 K	4200 lm	120 lm/W	White	Prismatic	DALI	2,9 kg

# Certification



**CE** – conformity with European Union's health, safety and environmental protection standards

The CE mark is placed on products to state conformity with the relevant EU health, safety and environmental protection standards. In case of electronic products, the standards are, for example, the Restriction of Hazardous Substances in Electrical and Electronic Equipment (RoHS) directive, Waste Electrical and Electronic Equipment (WEEE) directive, the Electromagnetic Compatibility (EMC) directive etc. The mark ensures that the product can be sold anywhere in the European Economic Area (EEA).

## RoHS

**RoHS** – compliance with European Union's RoHS directive

The RoHS (Restriction of Hazardous Substances in Electrical and Electronic Equipment) directive restricts (with exceptions) the use of ten hazardous materials in the manufacture of various types of electronic and electrical equipment. The aim of the directive is to prevent the risks posed to human health and the environment related to the management of electronic and electrical waste.



**Bygghvarubedömningen** – product chemical content and life cycle assessment

Bygghvarubedömningen is a non-profit organization owned by large constructors and property owners in Sweden. The organization conducts assessments of various construction products based on chemical content and sustainability criteria. The constituent substances and product life cycle are evaluated and the product is assigned one of three levels:



Recommended  
(green)



Accepted  
(yellow)

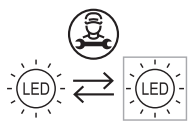


To be avoided  
(red)

*Note: the Recommended level assessment is unavailable for electronic products since it is assumed that all electronic products contain brominated flame retardants.*

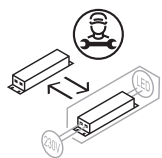
SundaHus i Linköping AB (publ) is a consulting company for the improvement of indoor environmental quality. The company conducts health and environmental assessments of building materials and assigns each product a letter evaluation:

- A** products that provide minimal health risks
- B** products that do not qualify for A, but do not match the criteria for C+, C- or D
- C+** products that risk exposure to substances of very high concern
- C-** products that risk exposure to toxic or volatile substances, as well as negatively impact the environment
- D** products that cannot be assessed due to insufficient data



### **LED module replaceable by a professional**

This pictogram shows that the LED modules included in the luminaire are only replaceable by a professional. This labeling is a requirement following the introduction of European Union's Regulation on energy labelling for light sources (EU) 2019/2015.



### **LED driver replaceable by a professional**

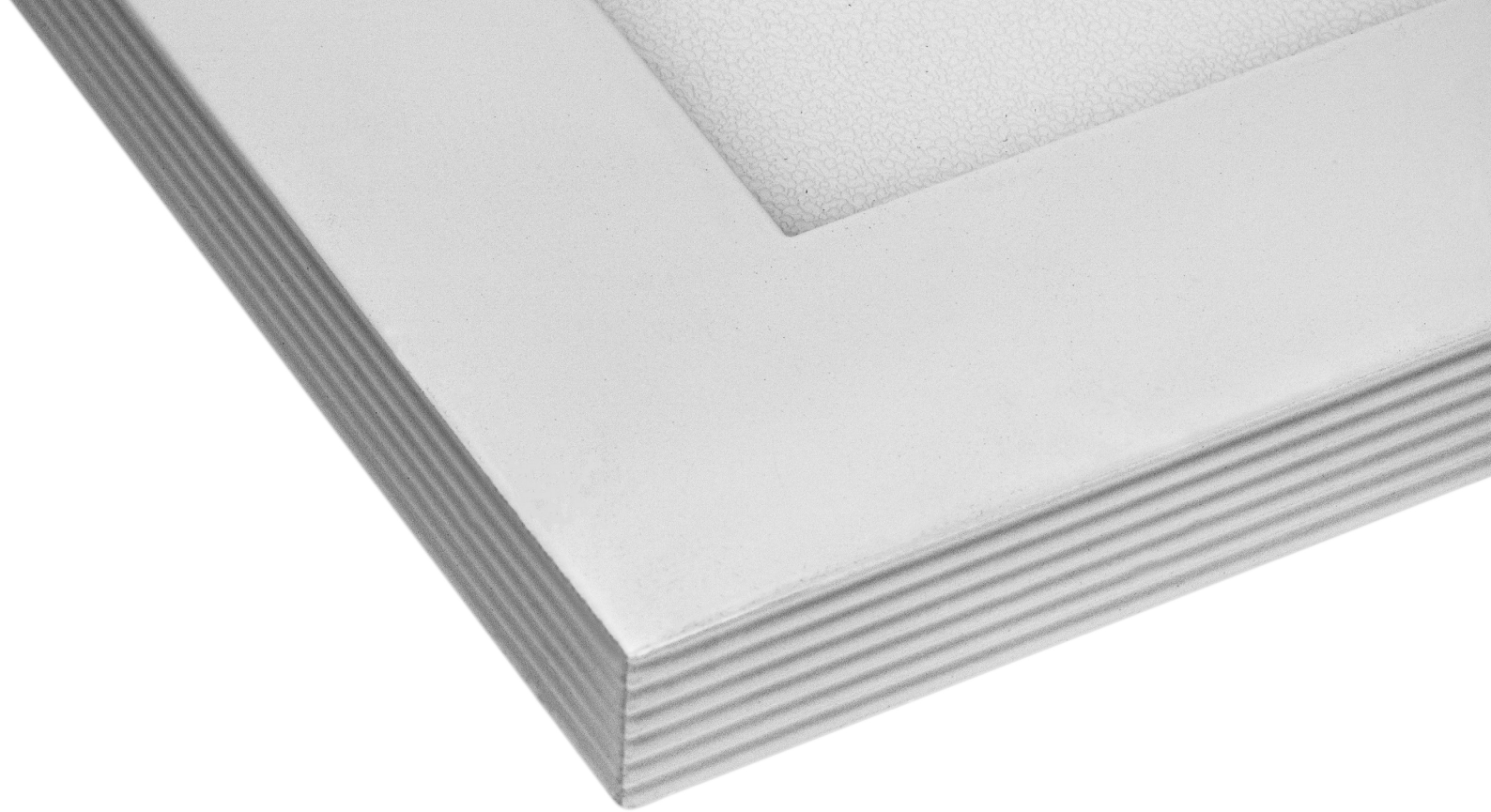
This pictogram shows that the LED driver included in the luminaire is only replaceable by a professional. This labeling is a requirement following the introduction of European Union's Regulation on energy labelling for light sources (EU) 2019/2015.



# References



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