PRODUCT DATASHEET
Linear LED Flat Sensor 12W 840

LinearLED Flat® | Slim undercabinet luminaire for surface mounting

Areas of application

- Undercabinet lighting

Product benefits

- Connection of up to 43 (ECO version) or 18 (sensor Version) luminaires in a row
- Various accessories included: cables and connectors

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TECHNICAL DATA

Electrical data

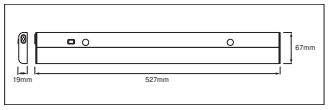
Nominal wattage	12.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	100.000 mA
Power factor λ	>0.05
Protection class	II
Operating mode	Mains voltage

Photometrical data

Luminous flux	840 lm
Total luminous flux of contained light sources	1260 lm
Luminous efficacy	70 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	≤6 sdcm
Beam angle	120 °

Dimensions & Weight

Length	527.00 mm
Width	67.00 mm
Height	19.00 mm
Product weight	425.00 g



LINEAR LED FLAT SENSOR

Materials & Colors

Product color	Silver
Housing color	Silver
Body material	Aluminum
Cover material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C

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Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20…+40 °C
Temperature range at storage	-20…+80 °C
Type of connection	Plug type C (EU)
Type of protection	IP20/IP20
Dimmable	No
Mounting type	Surface
Application environment	Indoor
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	30000 h [1)]
Number of switching cycles	100000

1) t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Sensor

Type of sensor	Motion
Sensor technology	Infrared/Photocell

Emergency lighting

Type of emergency operation test	None

Certificates & Standards

Standards	CE
Luminaire with limited surface temperature, "D sign"	No
Replaceable light source (EPREL)	Not replaceable

Safety advice

- To reduce the risk of strangulation the flexible wiring connected to this luminaire shall be effectively fixed to the wall if the wiring is within arm's reach.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	Linear LED Flat

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	Documents and certificates	Document name
PDF	Declarations of conformity	LINEAR LED FLAT

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075857292	Folding box 1	71 mm x 38 mm x 605 mm	446.00 g	1.63 dm^3
4058075857308	Shipping box 8	620 mm x 335 mm x 95 mm	4187.00 g	19.73 dm^3

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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