

PRODUCT DATASHEET

Cabinet LED Panel Sensor 300x100mm

Cabinet LED Panel | Low voltage undercabinet luminaires with rectangular shape

Areas of application

- Shelf and undercabinet lighting



Product benefits

- Low voltage luminaire for DC operation with external driver
- Very slim design
- Homogenous light distribution
- Easy and fast mounting on nearly every surface (adhesive tape or screws)

Product features

- Luminous flux: up to 450 lm
- Switch on and off by movements with 5 cm distance in front of the infrared motion sensor
- Stepless dimming by covering the infrared motion sensor in 5 cm distance for at least one second
- Material: aluminum
- Product color: white
- Available as single and double luminaire kit

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TECHNICAL DATA

Electrical data

Nominal wattage	5.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	50.000 mA
Max. number of luminaires per miniature circuit breaker C10	-
Power factor λ	> 0.5
Protection class	II
Operating mode	External LED driver

Photometrical data

Luminous flux	220 lm
Total luminous flux of contained light sources	360 lm
Luminous efficacy	44 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	≥80
Standard deviation of color matching	≤6 sdc _m
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG0
Beam angle	110 °

Dimensions & Weight

Length	300.00 mm
Width	100.00 mm
Height	8.00 mm
Product weight	315.00 g
Cable length	1500 mm



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Materials & Colors

Product color	White
Housing color	White
Body material	Acrylonitrile butadiene styrene (ABS)
Cover material	Polycarbonate (PC)
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-30...+70 °C
Type of connection	Plug type C (EU)
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	Yes
Mounting type	Surface
Mounting location	Cabinet undersides
Application environment	Indoor
LED module replaceable	Not replaceable
With light source	Yes

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
Detection range of motion sensor	5 cm

Certificates & Standards

Standards	CE / EAC
Luminaire with limited surface temperature, "D sign"	No

EQUIPMENT / ACCESSORIES

- External mains adapter (cable length: 1.5 m) included

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DOWNLOAD DATA

Documents and certificates	
	User instruction
	Packaging insert
	Declarations Of Conformity CE

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075268289	Folding box 1	38 mm x 104 mm x 400 mm	380.00 g	1.58 dm ³
4058075268296	Shipping box 8	392 mm x 226 mm x 171 mm	3323.00 g	15.15 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.