

# PRODUCT DATASHEET

## Undercabinet Panel Frameless 30x20cm CCT DIM Black

UNDERCABINET PANEL FRAMELESS | Frameless undercabinet luminaires with rectangular shape

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### Areas of application

- Kitchens, Living areas, Shelf and undercabinet lighting



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### Product benefits

- Easy and quick series connection thanks to simple plug system
- Connection of up to 3 luminaires in a row via enclosed connector cable
- Highly versatile due to selectable CCT

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### Product features

- Low voltage luminaire for DC operation with external driver
- Easy and fast mounting on nearly every surface (adhesive tape)
- Color temperature adjustable in three steps
- Switch on and off and color change by movements with max. 6 cm distance in front of the infrared motion sensor
- Stepless dimming by covering the infrared motion sensor in max. 6 cm distance for at more than one second
- 2 different lengths available
- Lifetime up to 30,000 h



## TECHNICAL DATA

### Electrical data

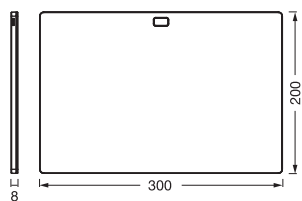
Nominal wattage	7.50 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	55.000 mA
Inrush current	12.4 A
Inrush current time $T_{h50}$	380 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	76
Max. number of luminaires per miniature circuit breaker C10	56
Max. number of luminaires per miniature circuit breaker C16	90
Power factor $\lambda$	$\geq 0.5$
Total harmonic distortion	< 130 %
Protection class	III
Operating mode	Mains voltage

### Photometrical data

Luminous flux	450 lm
Total luminous flux of contained light sources	470 lm
Luminous efficacy	60 lm/W
Color temperature	3000 K / 4000 K / 6500 K
Light color (designation)	Warm White / Cool White / Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdcm
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	110 °

### Dimensions & Weight

Length	300.00 mm
Width	200.00 mm
Height	8.00 mm
Product weight	575.00 g
Cable length	1500 mm



UNDERCABINET PANEL FL  
30X20CCT D BK line drawing

Materials & Colors

Product color	Black
Housing color	Black
Body material	Polycarbonate (PC)
Cover material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C
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
Dimmable	Yes
Type of dimming	PIR STEP
Mounting type	Surface
Mounting location	Wall / Cabinet undersides
Application environment	Indoor
Adjustable	No
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	30000 h <sup>1)</sup>
Number of switching cycles	15000

<sup>1)</sup> 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	Infrared sensor
Sensor technology	Passive infrared (PIR)
Detection range of motion sensor	60 mm

## Certificates &amp; Standards

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




## EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included

## 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
	User instruction / safety instructions	Undercabinet Panel
	Legal information	TRACKLIGHT SPOT ZOOM D85
	Declarations of conformity	EU-Declaration of Conformity_PANEL_ANGLE.pdf

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075842724	Folding box 1	57 mm x 222 mm x 418 mm	767.00 g	5.29 dm <sup>3</sup>
4058075842731	Shipping box 4	435 mm x 243 mm x 250 mm	3626.00 g	26.43 dm <sup>3</sup>

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.