

# 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

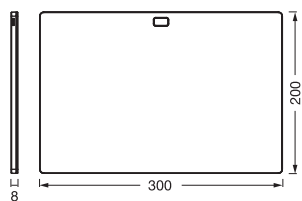
|   |               |
|---|---------------|
| Nominal wattage   | 7.50 W        |
| Nominal voltage   | 220...240 V   |
| Mains frequency   | 50...60 Hz    |
| Nominal current   | 55.000 mA     |
| Inrush current  | 12.4 A        |
| Inrush current time $T_{h50}$                               | 380 $\mu$ 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 & 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<br>1             | 57 mm x 222 mm x 418 mm              | 767.00 g     | 5.29 dm <sup>3</sup>  |
| 4058075842731 | Shipping box<br>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.