

# PRODUCT DATASHEET

## Cabinet LED Corner Sensor 550mm

Cabinet LED Corner | Low voltage undercabinet luminaires for corner application

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### Areas of application

- Shelf and undercabinet lighting



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### Product benefits

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

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### Product features

- Luminous flux: up to 480 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
- Color: silver
- Available in two lengths: 35 cm and 55 cm



- Available as single and double luminaire kit

## TECHNICAL DATA

### Electrical data

|   |                     |
|---|---------------------|
| Nominal wattage   | 7.50 W              |
| Nominal voltage   | 220...240 V         |
| Mains frequency   | 50...60 Hz          |
| Nominal current   | 70.000 mA           |
| Inrush current  | 10 A                |
| Max. number of luminaires per miniature circuit breaker C10 | -                   |
| Power factor $\lambda$                                      | > 0.5               |
| Total harmonic distortion                                   | $\leq 70$ %         |
| Protection class  | II                  |
| Operating mode  | External LED driver |

### Photometrical data

|  |                           |
|--|---------------------------|
| Luminous flux                                  | 480 lm                    |
| Total luminous flux of contained light sources | 600 lm                    |
| Luminous efficacy                              | 64 lm/W                   |
| Color temperature                              | 3000 K                    |
| Light color (designation)                      | Warm White                |
| Color rendering index Ra                       | $\geq 80$                 |
| Standard deviation of color matching           | $\leq 6$ sdc <sub>m</sub> |
| Flickering metric (Pst LM)                     | $\leq 30$ %               |
| Photobiological safety group acc. to EN62778   | RG0                       |
| Photobiological safety group acc. to EN62471   | RG0                       |
| Beam angle                                     | 110 °                     |

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 550.00 mm |
| Width          | 40.70 mm  |
| Height         | 23.00 mm  |
| Product weight | 335.00 g  |
| Cable length   | 1500 mm   |



CABINET LED CORNER 55CM

Materials & Colors

|                 |                          |
|-----------------|--------------------------|
| Product color   | Gray                     |
| Housing color   | Gray                     |
| Body material   | Polycarbon Acrylonitrile |
| 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             |
| With light source                      | Yes                |
| Replaceable light source               | No                 |

Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 30000 h <sup>1)</sup> |
| 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              |
| Replaceable light source (EPREL)                     | Not replaceable |

## Additional product data

|                       |       |
|-----------------------|-------|
| Number of illuminants | empty |
|-----------------------|-------|




## EQUIPMENT / ACCESSORIES

- External mains adapter (cable length: 1.5 m) 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 | CABINET LED CORNER          |
|  | Legal information                      | Legal insert B-not dimmable |
|  | Declarations of conformity             | CE Declaration Cabinet LED  |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075227958 | Folding box<br>1             | 71 mm x 71 mm x 629 mm               | 412.00 g     | 3.17 dm <sup>3</sup>  |
| 4058075227965 | Shipping box<br>8            | 654 mm x 313 mm x 174 mm             | 3798.00 g    | 35.62 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.