# LED ENCLOSURE LAMP

## LED 025

Compact LED enclosure lamp. Electrical connection via male connector with snap lock. High service life of the switch cabinet lamp (LED) of 60,000 hours. Mounting by magnet, clip or screw fixing. Luminaire body can be rotated through 180°, angle of radiation 120° for optimum illumination.

- Switching options: PIR motion detector, on/off switch
- Wide-range voltage
- Luminous flux 400 Lm
- Luminous color: 6000 to 7000 K (daylight white)
- Daisy chain

## OVERVIEW TECHNICAL DATA

| | |
|---|---|
| Illuminant | LED |
| Protection class | II |
| Protection type | IP20 |
| Casing | Plastic, transparent |
| Frequency | 50;60 Hz |
| Power consumption | <4 W |
| Luminous colour | 6000 - 7000 K |
| Luminous flux | 400 Lm |
| Service life | >60000 h |
| Operating temperature | -40 °C - 60 °C |
| Operating humidity | ≤90 % RH |
| Storage humidity | ≤90 % RH |
| Storage temperature | -40 °C - 85 °C |
| Connection type | Connector plug |
| Connection | 2-pole connector with snap lock |
| Depth | 351 mm |
| Weight | 200 g |
| Accessory 1 | Extension cable 2 x AWG 16 with female and male connectors - through-wiring, 1 m |
| Accessory 2 | Connection cable 2 x AWG 16 with female connector, 2 m |
| Accessory 3 | Separate female connector for cable connection |
| Accessory 4 | Separate male connector for cable connection |
| Note | The light must not be used for household lighting. |
| CCC | CCC approved |

## PRODUCT VARIANTS

| Article number | Device type | Switch | AC/DC | Operating voltage | Mounting | Height | Width | Item number accessories 1 | Item number accessories 2 | Item number accessories 3 | Item number accessories 4 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 02540.0-00 | LED enclosure lamps | On/off switch | AC | 100 V - 240 V | Magnet | 34 mm | 32 mm | 244359 | 244357 | 264057 | 264058 |
| 02540.1-01 | LED enclosure lamps; DC applications | On/off switch | DC | 24 V - 48 V | Screw | 36 mm | 52 mm | 244363 | 244361 | 264059 | 264060 |
| 02540.0-01 | LED enclosure lamps | On/off switch | AC | 100 V - 240 V | Screw | 36 mm | 52 mm | 244359 | 244357 | 264057 | 264058 |
| 02541.0-00 | LED enclosure lamps | Motion detector | AC | 100 V - 240 V | Magnet | 39 mm | 32 mm | 244359 | 244357 | 264057 | 264058 |
| 02541.0-03 | LED enclosure lamps | Motion detector | AC | 100 V - 240 V | Clip | 47,3 mm | 40 mm | 244359 | 244357 | 264057 | 264058 |
| 02541.0-01 | LED enclosure lamps | Motion detector | AC | 100 V - 240 V | Screw | 41 mm | 52 mm | 244359 | 244357 | 264057 | 264058 |
| 02540.1-00 | LED enclosure lamps; DC applications | On/off switch | DC | 24 V - 48 V | Magnet | 34 mm | 32 mm | 244363 | 244361 | 264059 | 264060 |
| 02541.1-00 | LED enclosure lamps; DC applications | Motion detector | DC | 24 V - 48 V | Magnet | 39 mm | 32 mm | 244363 | 244361 | 264059 | 264060 |
| 02541.1-01 | LED enclosure lamps; DC applications | Motion detector | DC | 24 V - 48 V | Screw | 41 mm | 52 mm | 244363 | 244361 | 264059 | 264060 |
| 02541.1-03 | LED enclosure lamps; DC applications | Motion detector | DC | 24 V - 48 V | Clip | 47,3 mm | 40 mm | 244363 | 244361 | 264059 | 264060 |
| 02540.0-03 | LED enclosure lamps | On/off switch | AC | 100 V - 240 V | Clip | 42 mm | 40 mm | 244359 | 244357 | 264057 | 264058 |
| 02540.1-03 | LED enclosure lamps; DC applications | On/off switch | DC | 24 V - 48 V | Clip | 42 mm | 40 mm | 244363 | 244361 | 264059 | 264060 |

## CONNECTION CABLE WITH FEMALE CONNECTOR AND OPEN END

| Article number | usage | color | AC/DC | design | Depth |
|---|---|---|---|---|---|
| 244356 | for entrance side | Female connector: white\|Cable: white | AC | Connection cable 2 x 1.5 mm² with female connector | 2000 mm |
| 244357 | for entrance side | Female connector: white\|Cable: white | AC | Connection cable 2 x AWG 15 with female connector | 2000 mm |
| 244360 | for entrance side | Female connector: white\|Cable: white | DC | Connection cable 2 x 0.75 mm² with female connector | 2000 mm |
| 244361 | for entrance side | Female connector: white\|Cable: white | AC | Connection cable 2 x AWG 15 with female connector | 2000 mm |

## EXTENSION CABLE WITH FEMALE AND MALE CONNECTORS FOR DAISY CHAIN WIRING

| Article number | usage | color | AC/DC | design | Depth |
|---|---|---|---|---|---|
| 244358 | Daisy chain | Female/male connectors: white\|Cable: white | DC | Extension cable 2 x 1.5 mm² with female and male connectors | 1000 mm |
| 244359 | Daisy chain | Female/male connectors: white\|Cable: white | DC | Extension cable 2 x AWG 16 with female and male connectors | 1000 mm |
| 244362 | Daisy chain | Female/male connectors: white\|Cable: white | DC | Extension cable 2 x 1.5 mm² with female and male connectors | 1000 mm |
| 244363 | Daisy chain | Female/male connectors: white\|Cable: white | DC | Extension cable 2 x AWG 15 with female and male connectors | 1000 mm |

## FEMALE/MALE CONNECTORS

| Article number | usage | color | AC/DC | design | cable_cross_section |
|---|---|---|---|---|---|
| 264057 | for entrance side | white | AC | Female connector | 0.5-2.5 mm² (AWG 14-20) |
| 264058 | for output side | white | AC | Male connector | 0.5-2.5 mm² (AWG 14-20) |
| 264059 | for entrance side | blue | DC | Female connector | 0.5-2.5 mm² (AWG 14-20) |
| 264060 | for output side | blue | DC | Male connector | 0.5-2.5 mm² (AWG 14-20) |

## TECHNICAL DRAWINGS

Cable accessories

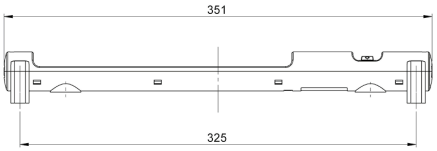
1 Connection cable, Art. No. 244356

2 Extension cable, Art. No. 244358

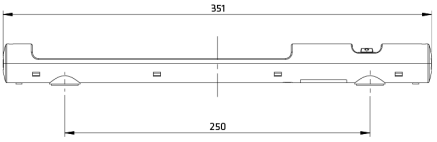
Connector accessories

Female connector, Art. No. 264057

Male connector, Art. No. 264058

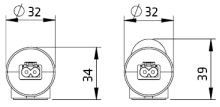



LED 025 with clip fixing

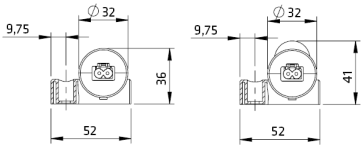



LED 025 with magnet or screw fixing

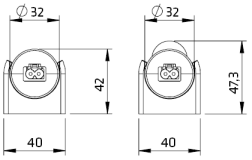
Side view magnet fixing



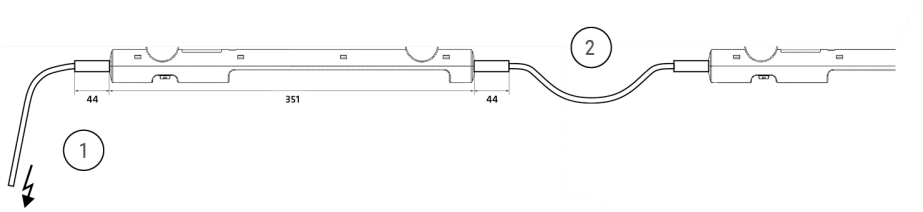

Side view screw fixing




Side view clip fixing




Connection example




LED 025 lamp with connector in a daisy-chain application. Up to 10 lamps can be connected via quick connection plugs. Snap-lock connectors ensure a stable electrical connection, even under heavy vibration. The example shows an AC 230 V application using a connection cable with female connector, Art. No. 244356 (1), and a daisy-chain extension cable with two connectors, Art. No. 244358 (2).

Female/male connectors are also available to assemble cables in non-standard lengths.