LED Lamp, On/Off Switch or Movement Sensor

Lamp LED 025

- Wide voltage range
- Integrated power unit
- Daisy chain
- Long-lived and maintenance-free by LED technology
- Magnet or screw fixing
- On/off switch or movement sensor

The lamp series LED 025 is suitable for all types of panels and enclosures, especially where space is at a premium. The lamps have a very long service life thanks to the use of LED technology. They are available with powerful non-slip rubberized magnets allowing them to be quickly positioned in any steel enclosure. Alternatively they can be fixed mechanically. The power output allows up to 10 lamps to be connected to each other (daisy chain). Both the power input and output connectors snap lock into their sockets. With the integrated power unit and the plugs the lamp can quickly be connected.

Technical Details

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Power consumption	max. 5W
Luminosity	290Lm at 120° (870Lm at 360° or equivalent 75W light bulb)
Lamp type	LED, angle of radiation 120°
	light color: daylight, color temperature: 6,500K
Service life	60,000h at +20°C (+68°F)
Connection	2-pole connector with snap lock
	AC: max. 2.5A / 240VAC, color: white
	DC: max. 2.5A / 60VDC, color: blue
Mounting	magnet fixing or screw fixing (M5), torque 2Nm max.,
	250mm centers
Casing	plastic, transparent
Dimensions	see drawings
Operating/Storage temperature	-30 to +60°C (-22 to +140°F) / -40 to +85°C (-40 to +185°F)
Operating/Storage humidty	max. 90% RH (non-condensing)
Protection type/Protection class	IP20 / II (double insulated)
Approvals	UL File No. E234324, VDE

Important note: Connectors and cables for electrical connection are not included in the delivery. These parts can be ordered separately (see Accessories, next page). Sets, consisting of lamp and accessories, are available on request.

Art. No. Magnet fixing	Art. No. Screw fixing	Operating voltage	Switch	Weight (approx.)
02540.0-00	02540.0-01	100-240VAC, 50/60Hz (min. 90VAC, max. 265VAC)	on/off light switch	0.2kg
02540.1-00	02540.1-01	24-48VDC (min. 20VDC, max. 60VDC)	on/off light switch	0.2kg
02541.0-00	02541.0-01	100-240VAC, 50/60Hz (min. 90VAC, max. 265VAC)	PIR movement sensor[1]	0.2kg
02541.1-00	02541.1-01	24-48VDC (min. 20VDC, max. 60VDC)	PIR movement sensor[1]	0.2kg

[1] approx. 5 min. fixed switch-on duration

Connection cable with female connector and open end

Art. No.	Model	Length	Voltage type	Color	Use for	Approvals[2]
244356	connection cable 2 x 1.5mm² with female connector	2.0m	AC	connector: white; cable: white	power input	VDE
244357	connection cable 2 x AWG 16 with female connector	2.0m	AC	connector: white; cable: white	power input	VDE + UL
244360	connection cable 2 x 1.5mm² with female connector	2.0m	DC	connector: blue; cable: white	power input	VDE
244361	connection cable 2 x AWG 16 with female connector	2.0m	DC	connector: blue; cable: white	power input	VDE + UL

[2] applies only to the individual components (cable and connectors)

Extension cable with 2 connectors for daisy chain connection

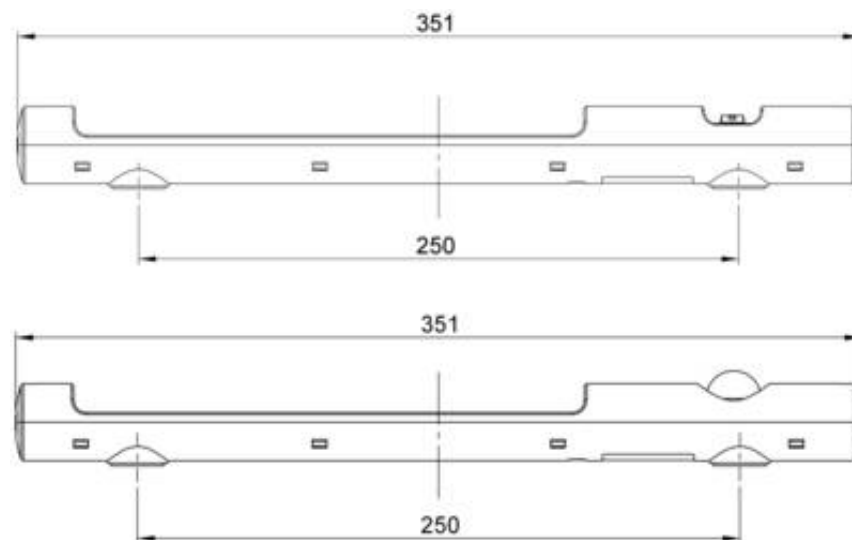| Art. No.	Model	Length	Voltage type	Color	Use for	Approvals[2]
244358	extension cable 2 x 1.5mm² with 2 connectors	1.0m	AC	connectors: white; cable: white	daisy chain	VDE
244359	extension cable 2 x AWG 16 with 2 connectors	1.0m	AC	connectors: white; cable: white	daisy chain	VDE + UL
244362	extension cable 2 x 1.5mm² with 2 connectors	1.0m	DC	connectors: blue; cable: white	daisy chain	VDE
244363	extension cable 2 x AWG 16 with 2 connectors	1.0m	DC	connectors: blue; cable: white	daisy chain	VDE + UL

[2] applies only to the individual components (cable and connectors)

Female / Male connectors

Art. No.	Model	Voltage type	Color	Use for	Approvals
264057	female connector	AC	white	power input	VDE + UL
264058	male connector	AC	white	power output	VDE + UL
264059	female connector	DC	blue	power input	VDE + UL
264060	male connector	DC	blue	power output	VDE + UL

Technical Drawing

Lamp Series LED 025

X-ON Electronics

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