

Motion detector Cube 120



Specification	Order No.	Packing unit	PS	EAN
 pure white glossy	2442 02	1	08	4010337056430
 anthracite	2442 10	1	08	4010337056416

Features

- Automatically switches lighting on/off, depending on thermal motion and ambient brightness.
- Automatic temperature-compensated sensor sensitivity.
- Continuous light (max. 2 h) can be activated using an optional switch/button.
- Test mode for evaluating the detection range.
- Individual adaptation of the detection range using the enclosed covering panel that can be cut to size.
- Adjustable switch-off delay: 5 s to 15 min or short-term operation of 1 s.
- Save current twilight value using teach-in function.
- Glare protection, brightness-independent sensor evaluation for 60 s in the event of glare caused by extraneous light.
- Short-time operation, output is switched on for approx. 1 s.
- Remote control optional.

Technical data

Rated voltage: AC 230V~, 50/60Hz

Switching current
- Ohmic: 16 A (AC1)

Connected load

- HV LED lamps: typically 200 W
- Light bulbs: 2000 W
- Fluorescent lamps, uncompensated: 1000 VA ($\cos \phi = 0.5$)
- Fluorescent lamps, parallel-compensated: 500 W (45.6 μ F)
- Fluorescent lamps, series-compensated: 900 W

Capacitive load: 176 μ F

Brightness value
- Brightness value: 2 to 1000 lx

Setting controller
- Delay time: 5 seconds to 15 minutes

Connection cross section

- Single-wire:	Max. 2.5 mm ²
- Fine-wire without core jacket:	Max. 2.5 mm ²
- fine-wire with core jacket:	Max. 1.5 mm ²

Protection level:	IP54
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Ambient temperature:	-25 °C to +55 °C
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Angle of detection:	120°
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Mounting height 2.50 m

- Detection range facing forwards, max.:	approx. 16 m
- Range at each side, max.:	approx. 11 m

Notes

- Suitable for ceiling and wall mounting indoors and outdoors.
 - Optional: Can be controlled remotely using IR remote control PIR 3.
 - Observe high peak switch-on currents with "energy saving lamps". Check suitability of the lamps before use!
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Scope of supply

- Covering panel for adapting the detection range is included with delivery.
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Dimensions in mm

without lens:	87	87	85
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