



Motion detector comfort 140° anth.

EE851

Architecture

Fixing mode	surface-mounting
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Functions

Operation mode switch	no
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- Presence simulation
- can be used as a single unit, main device or extension unit
- with 2 operating modes: time- and light-dependent switch on or activation of a timer

Main electrical features

Frequency	50/60 Hz
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Voltage

Operating voltage	230 V~ +10%/-15%
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Power

Power consumption (standby)	~ 1,2 W
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Incandescent bulb power	2300 W
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- low intrinsic energy requirement
- energy saving by means of presence and brightness-dependent ON and OFF switching of light

Measurement

Detection field, semi-circular shaped	~ 6 x 12 m
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Reach distance

Range, side	each ~ 6 m
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Camera

- Lens setting horizontal $\pm 80^\circ$
- Lens setting vertical -30 ... +90°

Cover, door

- with cover elements to limit the detection field

Power supply

Supply voltage 230 V +10% / -15%

Detection

Frontal detecting distance 16 m
Side detecting distance 10 m
Detection angle 140 °
Detection angle 140 °
Diameter of the floor detection area 12 m

Materials

Colour charcoal

Dimensions

Height of installed product 2,5 mm
Recommended installation height 2,5 m

Lighting control

Brightness measurement range 5/1000 Lux
Fluorescent lamps with electronical ballast (EB) 580 W
Response brightness, adjustable ~ 5 1000 lx

Fluorescent bulbs control

Energy-saving lamps 20 x 20 W
Fluorescent lamps parallel compensated 400 W /47 µF

LED control

230V LED lamps 20 x 20 W
- with LED detection and mode indicator

Incandescent bulbs control

12 V halogen lamps 1500 W
230 V incandescent lamps and halogen lamps 2300 W

Installation, mounting

Maximum Mounting Height 4 m
- for wall and ceiling mounting, corner installation with adapter

Connection

Connection type quick connect
Type of contacts contact floating
- with screw terminals

Cable

- with cable entry

Settings

Time delayed range 5 s to 30 min

Delay time, adjustable 5 s 30 mn

- with potentiometers for setting the response brightness and delay time without dismantling

Scope of delivery

- with fitting material

Equipment

Remote controllable EE806

Switch-off delay self-learning no

- with potential-free normally-open contact

- vertically slewing and horizontally rotating

Safety

Protection index IP IP55

Use conditions

Operating temperature -20 55 °C

Storage/transport temperature -20 60 °C

Identification

Application, usage Motion detector

Main design line Motion detectors
