

IR 2180 UP ECO

EAN 4007841 065003
Article number 065003



Infrarot-Sensor 180°



Max. 8 m



2- oder 3-adrig



Taster ON/OFF



IP20



2 - 1000 Lux



5 Sek - 30 Min



Energie sparen



CE

Function description

The new universal wizard. Lighting automation made easy: the IR 2180 UP ECO sensor switch is a revolutionary world first. It works in both as 2 and 3-wire installations and can switch all type of lamps ON and OFF. Simply replace existing flush-mounted switches – done! With 180° infrared sensor (8 m reach) and button for manual switching.

Technical specifications

Dimensions (L x W x H)	57 x 81 x 81 mm	LED lamps > 2 W < 8 W	100 W
With motion detector	Yes	LED lamps > 8 W	160 W
Manufacturer's Warranty	5 years	Capacitive load in µF	132 µF
Settings via	Potentiometers	Technology, sensors	passive infrared, Light sensor
With remote control	No	Mounting height	1,10 – 2,2 m
PU1, EAN	4007841065003	Mounting height max.	2,20 m
Type	Motion detectors	Optimum mounting height	1,1 m
Application, place	Indoors	Detection angle	180 °
Application, room	corridor / aisle, function room / ancillary room, kitchenette, stairwell, WC / washroom, Indoors	Angle of aperture	90 °
Colour	white	Sneak-by guard	Yes
Colour, RAL	9010	Capability of masking out individual segments	No
Includes corner wall mount	No	Electronic scalability	No
Installation site	wall	Mechanical scalability	No
Installation	Concealed wiring, Wall	Reach, radial	r = 2 m (6 m ²)
IP-rating	IP20	Reach, tangential	r = 8 m (101 m ²)
Ambient temperature	0 – 40 °C	Twilight setting	2 – 1000 lx

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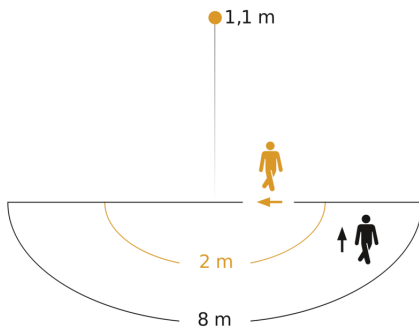
Material	Plastic
Mains power supply	220 – 240 V / 50 – 60 Hz
Fluorescent lamps, electronic ballast	150 W
Fluorescent lamps, uncorrected	150 VA
Fluorescent lamps, series-corrected	150 VA
Switching output 1, low-voltage halogen lamps	200 VA
LED lamps < 2 W	40 W

Time setting	5 s – 30 Min.
Basic light level function	No
Main light adjustable	No
Twilight setting TEACH	No
Constant-lighting control	No
Interconnection	No

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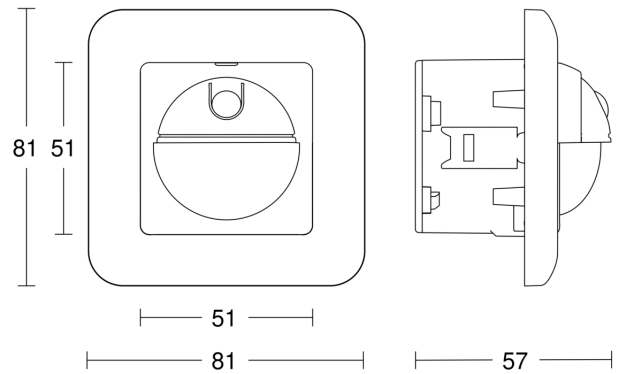
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Detection Zone

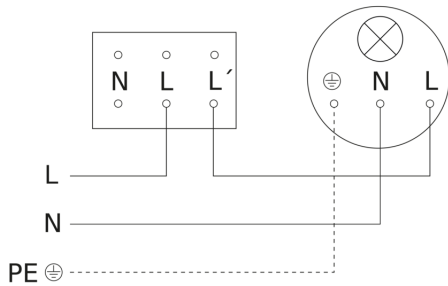


Possible mounting height: 1,10 m - 2,20 m
Orange: radial
Black: tangential

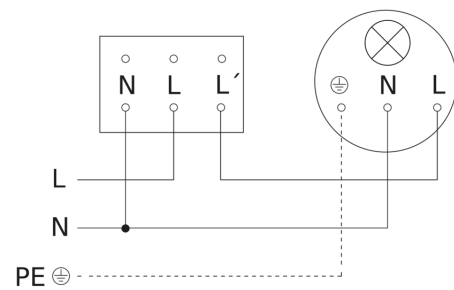
Dimension Drawing



2-wire circuit diagram



3-wire circuit diagram



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Circuit diagram for interconnecting several sensors

