

Motion detector

IR 180 AP easy

Surface wiring

EAN 4007841 066048

Article number 066048



infrared sensor
180°



max. 8 m



2- or 3-wire

200 W

200 W max. (LED-
ready)



manual switch ON/
OFF

Teach

Teach mode



IP54



2 - 1000 lux



5 sec - 30 min



plastic free
packaging

Function description

Everything but afraid of water. Infrared sensor switch IR 180 AP easy for indoors and out, ideal for basements, garages, carports and outdoor areas, switches light 'ON' and 'OFF' automatically, reach up to 8 m, adjustable time and twilight threshold, splashproof, can also be used in damp rooms or in the open. It works in both as 2 and 3-wire installations and can switch all type of lamps ON and OFF.

Technical specifications

Dimensions (L x W x H)	82 x 72 x 67 mm
With motion detector	Yes
Manufacturer's Warranty	3 years
Settings via	Potentiometers
With remote control	No
Version	Surface wiring
PU1, EAN	4007841066048
Type	Motion detectors
Application, place	Indoors, Outdoors
Application, room	corridor / aisle, function room / ancillary room, WC / washroom, outdoors, Indoors
Colour	grey
Colour, RAL	7035
Installation site	wall
Installation	Surface wiring, Wall
IP-rating	IP54
Protection class	II

Switching output 1, low-voltage halogen lamps	200 VA
LED lamps < 2 W	40 W
LED lamps > 2 W < 8 W	100 W
LED lamps > 8 W	160 W
Capacitive load in μF	132 μF
Technology, sensors	passive infrared, Light sensor
Mounting height	0,90 – 2,20 m
Mounting height max.	2,20 m
Optimum mounting height	1,1 m
Detection angle	180 °
Angle of aperture	90 °
Sneak-by guard	Yes
Electronic scalability	No
Mechanical scalability	No
Reach, radial	r = 3 m (14 m ²)
Reach, tangential	r = 8 m (101 m ²)

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Subject to technical modifications

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Technical specifications

Ambient temperature	0 – 40 °C
Material	Plastic
Mains power supply	220 – 240 V / 50 – 60 Hz
Switching output 1, resistive	200 W
Switching output 1, number of LEDs / fluorescent lamps	4 pcs.
Fluorescent lamps, electronic ballast	150 W
Fluorescent lamps, uncorrected	150 VA
Fluorescent lamps, series-corrected	150 VA
Fluorescent lamps, parallel-corrected	150 VA

Switching zones	96 switching zones
Twilight setting	2 – 1000 lx
Time setting	5 s – 30 Min.
Basic light level function	No
Main light adjustable	No
Twilight setting TEACH	Yes
Constant-lighting control	No
Interconnection	Yes

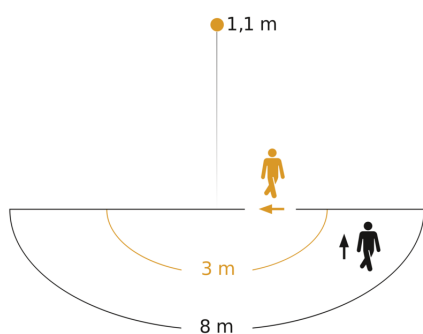
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Detection Zone

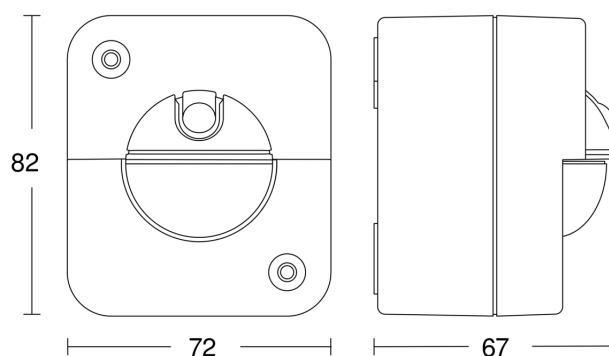


Possible mounting height: 0,90 m - 2,20 m

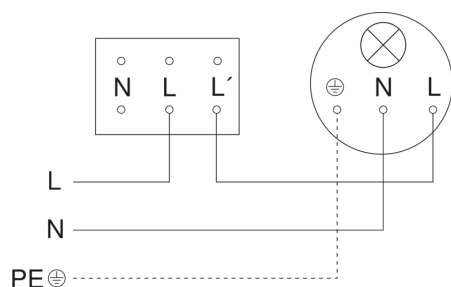
Orange: radial

Black: tangential

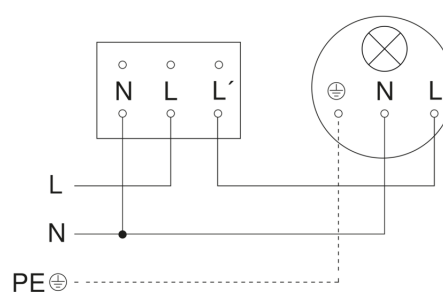
Dimension Drawing



2-wire circuit diagram



3-wire circuit diagram



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Circuit diagram for interconnecting several sensors

