Motion detector - Professional Line

IS 2180-2

white
EAN 4007841 603816
Article number 603816

infrared sensor 180°

max. Ø 12 m

1000 W

1000 W max.

IP54

2 - 2000 lux

5 sec - 15 min

Ideal 2 m

5 years

manufacturer's warranty steinel.de/garantie

CE

Function description

Attractive, clever, efficient. Infrared motion detector IS 2180-2 for outdoors, ideal for building fronts and properties, medium-sized business and outdoor spaces, ideal installation height 2 m, 180° angle of coverage, reach. 12 m max. or 5 m max. (tangential), selectable time and twilight threshold, manual override, for outdoor and indoor installation .

Technical specifications

Dimensions (L x W x H)	55 x 78 x 120 mm
Manufacturer's Warranty	5 years
Settings via	Potentiometers
With remote control	No
Version	white
PU1, EAN	4007841603816
Type	Motion detectors
Application, place	Outdoors, Indoors
Application, room	outdoors, front door, all round the building, terrace / balcony, courtyard & driveway
Colour	white
Colour, RAL	9010
Includes corner wall mount	No
Installation site	wall, corner
Package content	1
Installation	Surface wiring, Wall, corner
IP-rating	IP54

LED lamps > 8 W	350 W
Capacitive load in µF	132 µF
Technology, sensors	passive infrared, Mixed light metering
Voltage range (min)	230 V
Voltage range (max)	240 V
Mounting height	1,80 – 4,00 m
Mounting height max.	4,00 m
Optimum mounting height	2 m
Detection angle	180 °
Angle of aperture	90 °
Sneak-by guard	Yes
Capability of masking out individual segments	Yes
Electronic scalability	No
Mechanical scalability	No
Reach, radial	r = 1.5 m (4 m^2) / r = 3 m (14 m^2)
Reach, tangential	r = 5 m (39 m^2) / r = 12 m (226 m^2)

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Technical specifications

Ambient temperature	from -20 up to 50 °C
Material	Plastic
Mains power supply	230 – 240 V / 50 Hz
Switching output 1, resistive	1000 W
Fluorescent lamps, electronic ballast	350 W
Fluorescent lamps, uncorrected	500 VA
Fluorescent lamps, series-corrected	900 VA
Fluorescent lamps, parallel-corrected	500 VA
Switching output 1, low-voltage halogen lamps	1000 VA
LED lamps < 2 W	100 W
LED lamps > 2 W < 8 W	175 W

Switching zones	504 switching zones
Twilight setting	2 – 2000 lx
Time setting	5 s – 15 Min.
Basic light level function	No
Main light adjustable	No
Twilight setting TEACH	No
Constant-lighting control	No
Interconnection	Yes
Type of interconnection	Master/master
Interconnection via	Cable
Product category	Motion detector

Accessories

EAN 4007841 085131	Corner wall mount for IS 180-2, IS 2180-2 and IS 2180 ECO black

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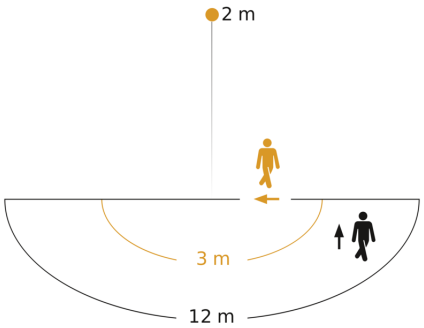
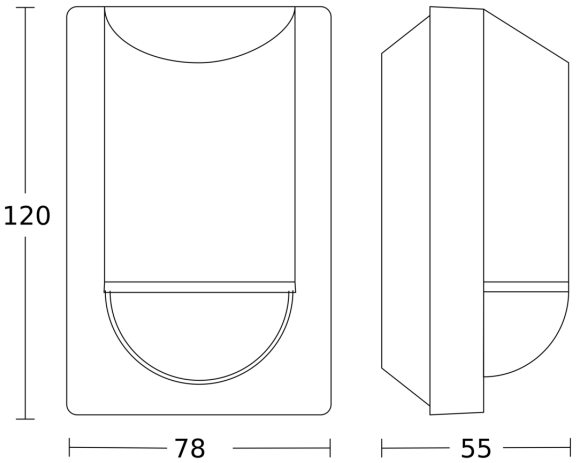
Detection Zone

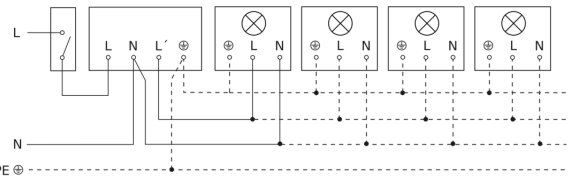


Possible mounting height: 1,80 m – 4,00 m
Orange: radial
Black: tangential

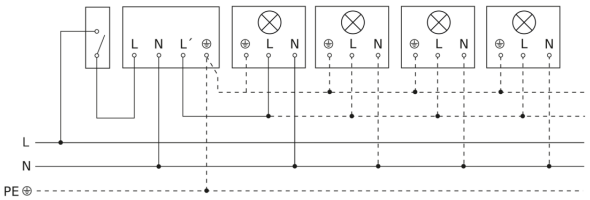
Dimension Drawing



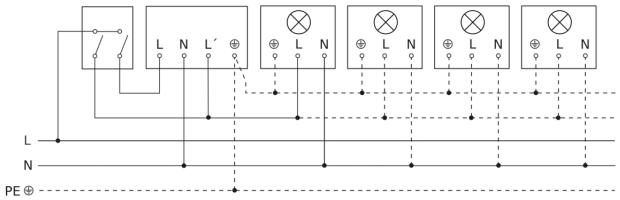
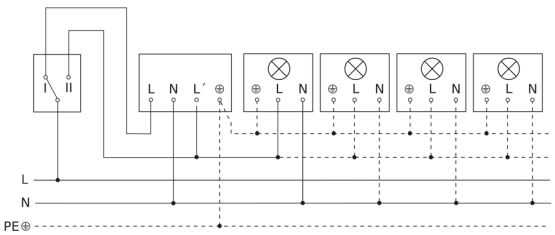
Light without neutral conductor



Light with neutral conductor



Connection using two-circuit switch for manual and automatic operation



Connection of 4-fold push-button coupler to DALI2 APC