

Motion detector

IS 180-2

white

EAN 4007841 603212

Article number 603212



infrared sensor
180°



max. 12 m

1000 W

1000 W max.
(LED-ready)



IP54



2 - 2000 lux



5 sec - 15 min



Ideal 2 m



in-/ outside corner
bracket included



energy saving

3 years

manufacturer's
warranty
[steinel.de/garantie3y](https://www.steinel.de/garantie3y)

Function description

Homeowner's darling. Infrared wall sensor IS 180-2, for indoors and out, ideal for expansive building fronts and driveways, suitable for corner mounting with corner wall mount, 180° angle of coverage, reach can be set up to 12 m or up to 5 m, selectable time and twilight threshold, detection zone can be customised with shrouds.

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Technical specifications

Type	Motion detectors
Dimensions (L x W x H)	56 x 76 x 120 mm
Mains power supply	230 V / 50 Hz
Sensor Technology	passive infrared
Application, place	Indoors, Outdoors
Installation site	wall, corner
Installation	Surface wiring
Mounting height	1,80 – 4,00 m
Reach, radial	$r = 1.5 \text{ m (4 m}^2\text{)} / r = 3 \text{ m (14 m}^2\text{)}$
Reach, tangential	$r = 5 \text{ m (39 m}^2\text{)} / r = 12 \text{ m (226 m}^2\text{)}$
Detection angle	180 °
Angle of aperture	90 °
Switching zones	504 switching zones
Optimum mounting height	2 m
Mechanical scalability	No
Sneak-by guard	Yes
Capability of masking out individual segments	Yes
Electronic scalability	No
Twilight setting TEACH	No
Twilight setting	2 – 2000 lx
Time setting	5 s – 15 Min.
Output	1000 W
Switching output 1, resistive	1000 W
Switching output 1, number of LEDs / fluorescent lamps	6 pcs.

Fluorescent lamps, electronic ballast	1000 W
Fluorescent lamps, uncorrected	500 VA
Fluorescent lamps, series-corrected	406 VA
Fluorescent lamps, parallel-corrected	406 VA
Switching output 1, low-voltage halogen lamps	1000 VA
LED lamps	16 W
LED lamps > 2 W	64 W
LED lamps > 8 W	64 W
Capacitive load in μF	132 μF
Constant-lighting control	No
Basic light level function	No
Settings via	Potentiometers
With remote control	No
Interconnection	Yes
Type of interconnection	Master/master
IP-rating	IP54
Material	Plastic
Ambient temperature	-20 – 50 °C
Application, room	outdoors, front door, all round the building, terrace / balcony, courtyard & driveway
Colour	white
Colour, RAL	9010
Manufacturer's Warranty	3 years
Version	white
PU1, EAN	4007841603212

Motion detector

IS 180-2

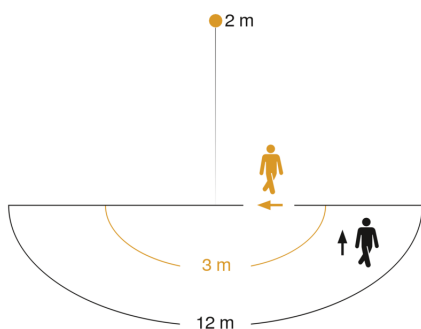
white

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Detection Zone

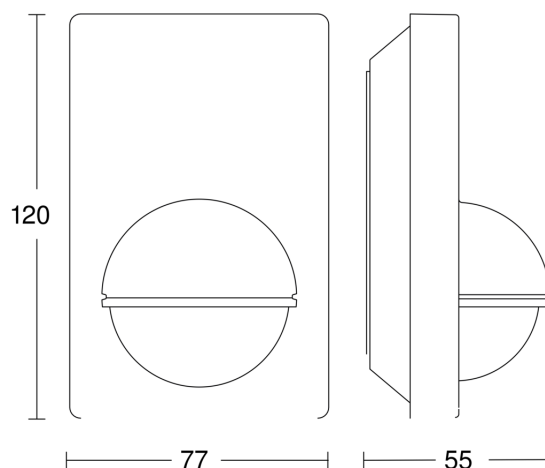


Mögliche Montagehöhe: 1,80 m – 4,00 m

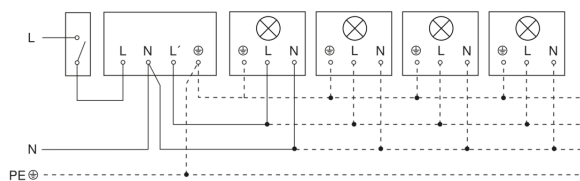
Orange: radial

Schwarz: tangential

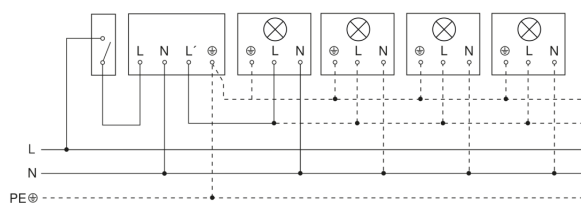
Dimension Drawing



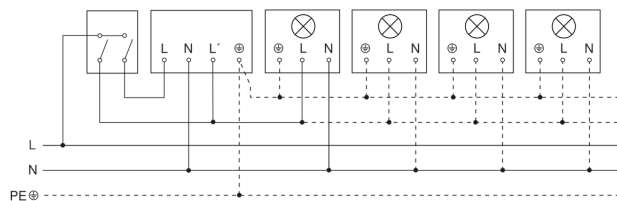
Light without neutral conductor



Light with neutral conductor



Connection using two-circuit switch for manual and automatic operation



Connection via a two-way switch for manual override and automatic operation

