Motion detector - Professional Line

IS 3180

PF - surface, sq.
EAN 4007841 010508
Article number 010508





Infrarot-Sensor 180° | Max. 20 m | 2000 W Max. (LED-fähig) | IP54 | 2 - 1000 Lux | 5 Sek - 15 Min | Manuelle Übersteuerung 4 Std | Ideal 2 m | Teach mode | Energie sparen

Function description

For large areas. Infrared motion detector IS 3180 for indoors and out, ideal for watching over large areas, ideal installation height 2 m, 180° angle of coverage, reach 20 m max. or 8 m max. (tangential), large terminal compartment for easy installation, heavy-duty relay for high switching capacity.

Technical specifications

Dimensions (L x W x H)	65 x 95 x 95 mm
With motion detector	Yes
Manufacturer's Warranty	5 years
Settings via	Remote control, Potentiometers, Smart Remote
With remote control	No
Version	PF - surface, sq.
PU1, EAN	4007841010508
Type	Motion detectors
Application, place	Outdoors, Indoors
Application, room	corridor / aisle, function room / ancillary room, stairwell, multi-storey / underground car park, outdoors, all round the building, courtyard & driveway, Indoors
Colour	white
Colour, RAL	9003
Includes corner wall mount	No
Installation site	wall, corner

Capacitive load in µF	176 µF
Power consumption	0,3 W
Technology, sensors	passive infrared, Light sensor
Mounting height	1,80 – 2,50 m
Mounting height max.	2,50 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 = 3 m (14 m^2) / r = 4 m (25 m^2)
Reach, tangential	r = 6 m (57 m^2) / r = 20 m (628 m^2)
Switching zones	448 switching zones
Abdeckmaterial Lieferumfang	shrouds

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Technical specifications

Installation	Surface wiring, Wall, corner
IP-rating	IP54
Ambient temperature	-20 – 50 °C
Material	Plastic
Mains power supply	220 – 240 V / 50 – 60 Hz
Fluorescent lamps, electronic ballast	1500 W
Fluorescent lamps, uncorrected	1000 VA
Fluorescent lamps, series-corrected	400 VA
Fluorescent lamps, parallel-corrected	400 VA
Switching output 1, low-voltage halogen lamps	2000 VA
LED lamps < 2 W	100 W
LED lamps > 2 W < 8 W	300 W
LED lamps > 8 W	600 W

Functions	Normal / test mode, Manual ON / ON-OFF
Twilight setting	2 – 1000 lx
Time setting	5 s – 15 Min.
Basic light level function	No
Main light adjustable	No
Twilight setting TEACH	Yes
Constant-lighting control	No
Interconnection	Yes
Type of interconnection	Master/master
Interconnection via	Cable

Accessories

EAN 4007841 009151	Remote control Smart Remote
EAN 4007841 559410	Service remote control RC8
EAN 4007841 035174	Corner wall mount 3000
EAN 4007841 056711	Black cover for IR-sensors

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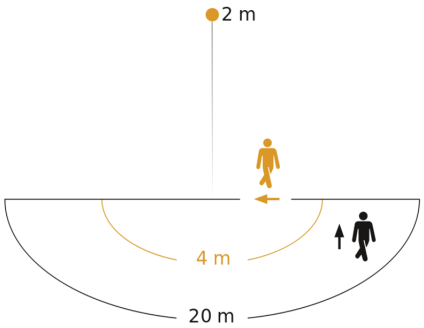
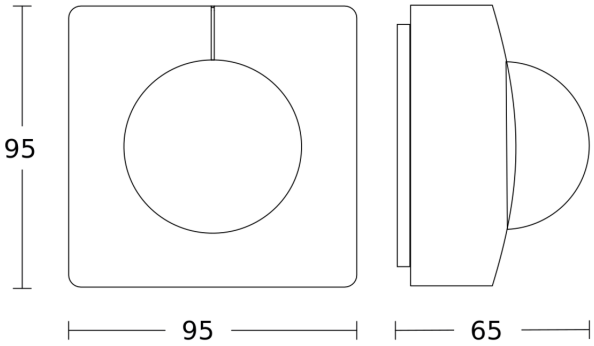
Detection Zone



Possible mounting height: 1,80 m – 2,50 m
Orange: radial
Black: tangential

Dimension Drawing



Master circuit diagram

