

Motion detector - Professional Line

# IS 3180

DALI-2 IPD - surface, sq.  
EAN 4007841 057350



infrared sensor  
180°



max. 20 m



2 - 1000 lux



IP54



ideal 2,5 - 4 m



energy saving



manufacturer's  
warranty  
steinel-professional.de/garantie



CE

## 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), DALI-2 Input Device enables sensors to communicate collected sensor data to higher-level lighting management systems.

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## Technical specifications

Type	Motion detectors
Dimensions (L x W x H)	65 x 95 x 95 mm
Mains power supply	12 – 22,5 V / 50 – 60 Hz
Sensor Technology	passive infrared
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
Installation site	wall, corner
Installation	Surface wiring
Switching zones	448 switching zones
Electronic scalability	No
Mechanical scalability	No
Mounting height	1,80 – 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
Reach, radial	r = 4.5 m (32 m <sup>2</sup> )
Reach, tangential	r = 20 m (628 m <sup>2</sup> )

Twilight setting TEACH	Yes
Twilight setting	2 – 1000 lx
Switching output 1, floating	No
Control output, Dali	Addressable/slave
Constant-lighting control	No
Basic light level function	No
With bus coupling	Yes
Settings via	Bus
With remote control	No
Interconnection	Yes
IP-rating	IP54
Material	Plastic
Ambient temperature	-20 – 50 °C
Colour	white
Colour, RAL	9003
Manufacturer's Warranty	5 years
Version	DALI-2 IPD - surface, sq.
PU1, EAN	4007841057350

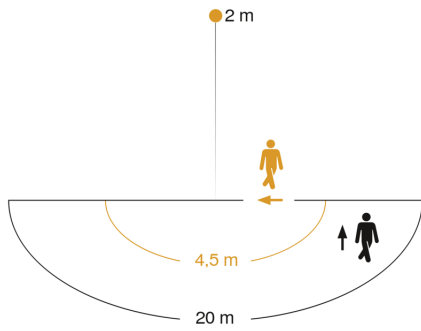
## Accessories

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

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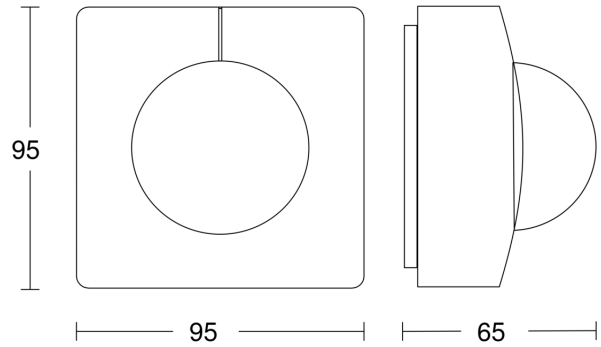
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## Detection Zone



Mögliche Montagehöhe: 1,80 m – 2,50 m  
Orange: radial  
Schwarz: tangential

## Dimension Drawing



## Circuit diagram

