Motion detector - Professional Line

IS 3180

COM1 - surface, sq.
EAN 4007841 009113
Article number 009113

.● steinel

| infrared sensor 180° | max. 20 m | 2000 W 2000 W max. (LED-ready) | IP54 | 2 - 1000 lux | 5 sec - 15 min | manual override 4h | Ideal 2 m | Teach Teach mode | energy saving |

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.

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Technical specifications

Dimensions (L x W x H)	65 x 95 x 95 mm	LED lamps > 8 W	600 W
Manufacturer's Warranty	5 years	Capacitive load in µF	176 µF
Settings via	Remote control, Potentiometers, Smart Remote	Technology, sensors	passive infrared, Light sensor
With remote control	No	Mounting height	1,80 – 2,50 m
Version	COM1 - surface, sq.	Mounting height max.	2,50 m
PU1, EAN	4007841009113	Optimum mounting height	2 m
Type	Motion detectors	Detection angle	180 °
Application, place	Outdoors, Indoors	Angle of aperture	90 °
Application, room	corridor / aisle, function room / ancillary room, stairwell, multi-storey / underground car park, outdoors, all round the building, courtyard & driveway, Indoors	Sneak-by guard	Yes
		Capability of masking out individual segments	Yes
		Electronic scalability	No
Colour	white	Mechanical scalability	No
Colour, RAL	9003	Reach, radial	r = 3 m (14 m^2) / r = 4 m (25 m^2)
Includes corner wall mount	No	Reach, tangential	r = 6 m (57 m^2) / r = 20 m (628 m^2)
Installation site	wall, corner		
Installation	Surface wiring, Wall, corner	Switching zones	448 switching zones
IP-rating	IP54	Functions	Normal / test mode, Manual ON / ON-OFF
Ambient temperature	-20 – 50 °C	Twilight setting	2 – 1000 lx
Material	Plastic	Time setting	5 s – 15 Min.
Mains power supply	220 – 240 V / 50 – 60 Hz	Basic light level function	No
Switching output 1, resistive	2000 W	Main light adjustable	No
Switching output 1, number of LEDs / fluorescent lamps	8 pcs.	Twilight setting TEACH	Yes
		Constant-lighting control	No
Fluorescent lamps, electronic ballast	1500 W	Interconnection	Yes
Fluorescent lamps, uncorrected	1000 VA	Type of interconnection	Master/master
Fluorescent lamps, series-corrected	400 VA	Interconnection via	Cable
Fluorescent lamps, parallel-corrected	400 VA	Interconnection, number	max. 10 sensors
Switching output 1, low-voltage halogen lamps	2000 VA		
LED lamps < 2 W	100 W		
LED lamps > 2 W < 8 W	300 W		

Accessories

EAN 4007841 009151	Remote control Smart Remote
EAN 4007841 559410	Service remote control RC8
EAN 4007841 035174	Corner wall mount 3000

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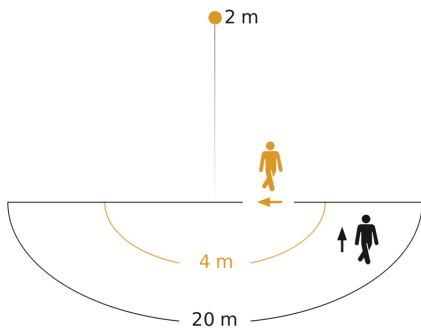EAN 4007841 009113
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Accessories
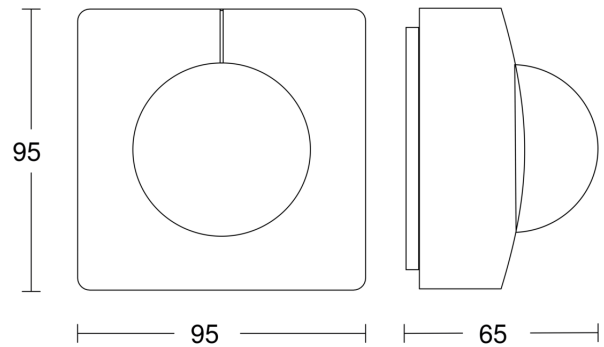
EAN 4007841 056711	Black cover for IR-sensors

IS 3180

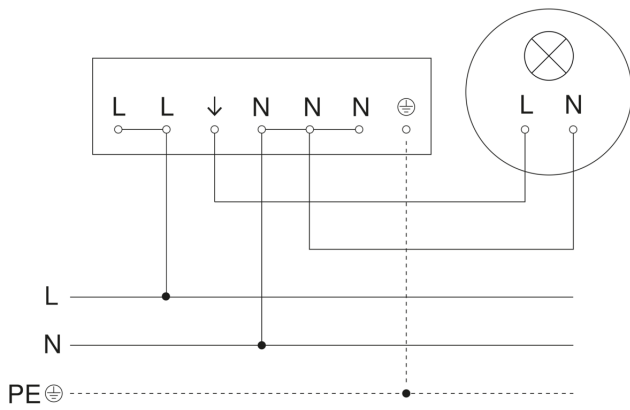COM1 - surface, sq.
EAN 4007841 009113
Article number 009113

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Detection Zone

●2 m

4 m

20 m

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

Dimension Drawing

95

95

65

Master circuit diagram

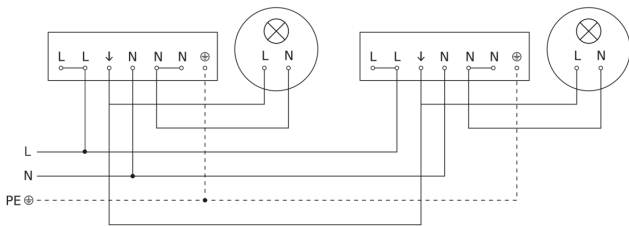L L ↓ N N N ⊕

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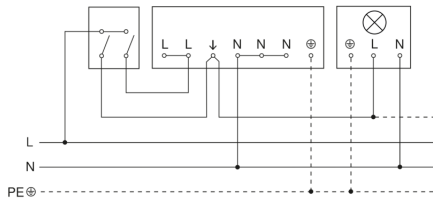
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Master/slave interconnection circuit diagram

Connection using two-circuit switch for manual and automatic operation

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