

IS 3180

COM1 - concealed, sq.
EAN 4007841 055721
Article number 055721



infrared sensor
180°



max. 20 m

2000 W

2000 W max. (LED-
ready)



IP20



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).

Technical specifications

Dimensions (L x W x H)	78 x 94 x 94 mm
Manufacturer's Warranty	5 years
Settings via	Remote control, Potentiometers, Smart Remote
With remote control	No
Version	COM1 - concealed, sq.
PU1, EAN	4007841055721
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
Installation	Concealed wiring, Wall, corner

LED lamps > 8 W	600 W
Capacitive load in µF	176 µF
Technology, sensors	passive infrared
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 = 4 m (25 m²)
Reach, tangential	r = 20 m (628 m²)
Switching zones	448 switching zones
Functions	Normal / test mode, Manual ON / ON-OFF

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Technical specifications

IP-rating	IP20
Ambient temperature	-20 – 50 °C
Material	Plastic
Mains power supply	220 – 240 V / 50 – 60 Hz
Switching output 1, resistive	2000 W
Switching output 1, number of LEDs / fluorescent lamps	8 pcs.
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

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
Interconnection, number	max. 10 sensors

Accessories

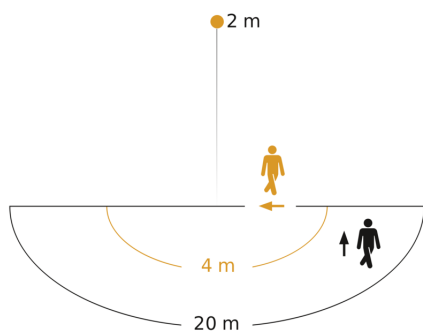
EAN 4007841 056728

Black cover for IR-sensors

IS 3180

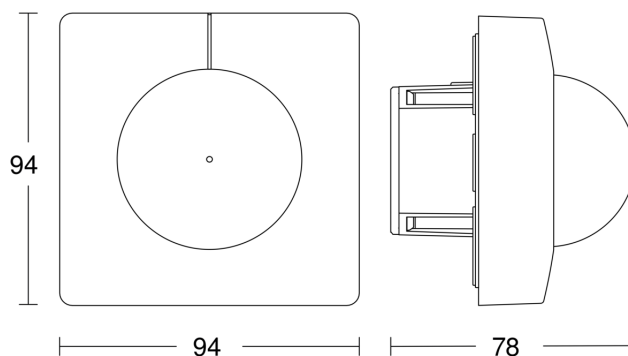
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Detection Zone

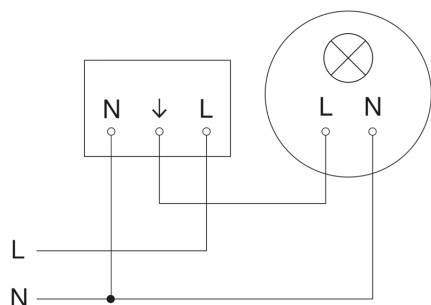


Possible mounting height: 1,80 m - 2,50 m
Orange: radial
Black: tangential

Dimension Drawing



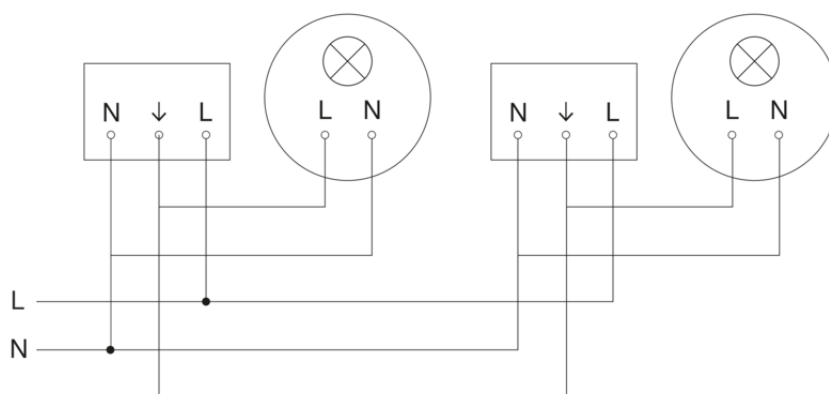
Master circuit diagram



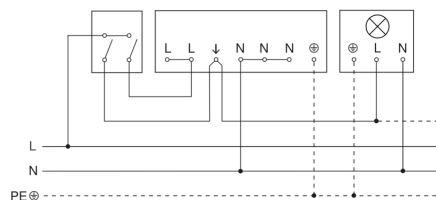
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Master/slave interconnection circuit diagram



Connection using two-circuit switch for manual and automatic operation



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

