Motion detector - Professional Line

IS 345 MX Highbay

COM1 - surface, sq.
EAN 4007841 010492
Article number 010492



infrared sensor 360° | max. 30 x 4 m | max. 2000 W | IP54 | 2 - 1000 lux | 5 sec - 15 min | manual override | Teach mode | manufacturer's warranty steinel.de/garantie | CE

Function description

Surveillance on the highest level. Infrared motion detector IS 345 MX Highbay for indoors, ideal for large heights in depots, high-bay warehouses, machine shops, check-in areas and departure lounges, installation height 16 m, detection zone 30 x 4 m (radial), large terminal compartment for easy installation, heavy-duty relay for high switching capacity. Available as square surface-mounted and concealed version.

Technical specifications

Dimensions (L x W x H)	65 x 95 x 95 mm
Manufacturer's Warranty	5 years
Settings via	Remote control, Potentiometers, Smart Remote
With remote control	No
Version	COM1 - surface, sq.
PU1, EAN	4007841010492
Type	Motion detectors
Application, place	Indoors
Application, room	high-bay warehouse, Indoors
Colour	white
Colour, RAL	9003
Includes corner wall mount	No
Installation site	ceiling
Package content	1
Installation	Surface wiring, Ceiling
IP-rating	IP54

Capacitive load in µF	176 µF
Technology, sensors	passive infrared, Mixed light metering
Voltage range (min)	220 V
Voltage range (max)	240 V
Mounting height	4,00 – 16,00 m
Mounting height max.	16,00 m
Optimum mounting height	12 m
Detection angle	Aisle, 360 °
Angle of aperture	90 °
Sneak-by guard	Yes
Capability of masking out individual segments	Yes
Electronic scalability	No
Mechanical scalability	No
Reach, radial	30 x 4 m (120 m^2)
Reach, tangential	30 x 4 m (120 m^2)
Switching zones	280 switching zones

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Technical specifications

Ambient temperature	from -20 up to 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
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
Interconnection, number	max. 10 sensors
Product category	Motion detector

Accessories

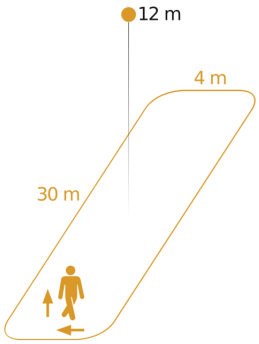
EAN 4007841 009151	Remote control Smart Remote
EAN 4007841 559410	Service remote control RC8
EAN 4007841 056711	Black cover for IR-sensors surface, sq.

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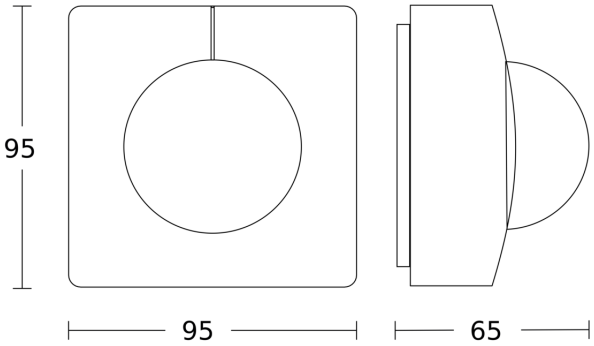
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Detection Zone

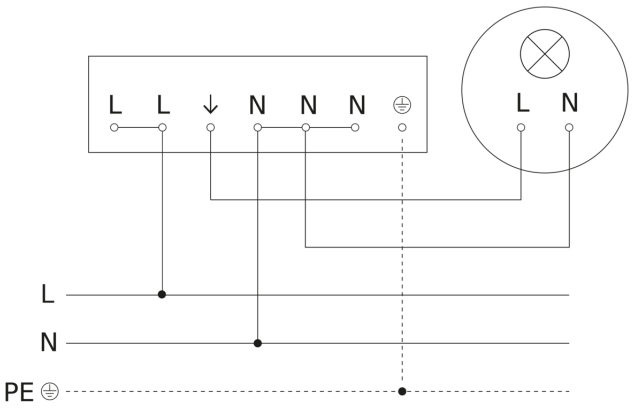


Possible mounting height: 4,00 m – 16,00 m
Orange: radial and tangential

Dimension Drawing



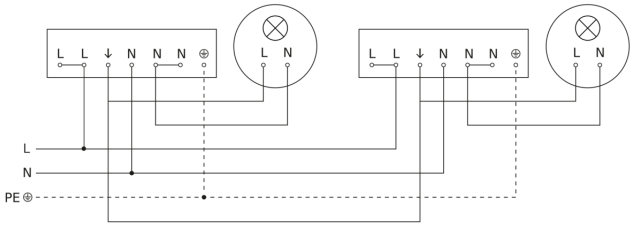
Circuit diagram



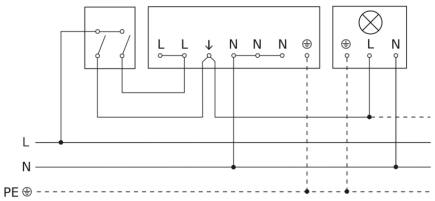
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Circuit diagram for interconnecting several sensors



Connection using two-circuit switch for manual and automatic operation



Circuit diagram Connection via a changeover switch for continuous and automatic operation

