

# IS 345 MX Highbay

PF - surface, sq.  
EAN 4007841 010522  
Article number 010522



infrared sensor  
360°



max. 30 x 4 m

2000 W

max. 2000 W



IP54



2 - 1000 lux



5 sec - 15 min



manual override



ideal 4 - 14 m

Teach

Teach mode



energy saving

## 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 14 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	Capacitive load in µF	176 µF
Manufacturer's Warranty	5 years	Technology, sensors	passive infrared, Light sensor
Settings via	Remote control, Potentiometers, Smart Remote	Mounting height	4,00 – 16,00 m
With remote control	No	Mounting height max.	16,00 m
Version	PF - surface, sq.	Optimum mounting height	12 m
PU1, EAN	4007841010522	Detection angle	Aisle, 360 °
Type	Motion detectors	Angle of aperture	90 °
Application, place	Indoors	Sneak-by guard	Yes
Application, room	high-bay warehouse, Indoors	Capability of masking out individual segments	Yes
Colour	white	Electronic scalability	No
Colour, RAL	9003	Mechanical scalability	No
Includes corner wall mount	No	Reach, radial	30 x 4 m (120 m <sup>2</sup> )
Installation site	ceiling	Reach, tangential	30 x 4 m (120 m <sup>2</sup> )
Installation	Surface wiring, Ceiling	Switching zones	280 switching zones
IP-rating	IP54	Functions	Normal / test mode, Manual ON / ON-OFF
Ambient temperature	from -20 up to 50 °C	Twilight setting	2 – 1000 lx

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## Technical specifications

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

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
Product category	Motion detector

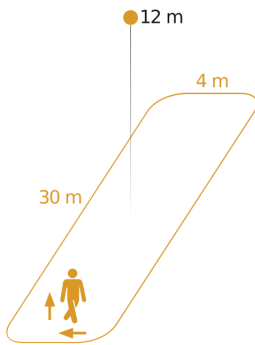
## Accessories

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

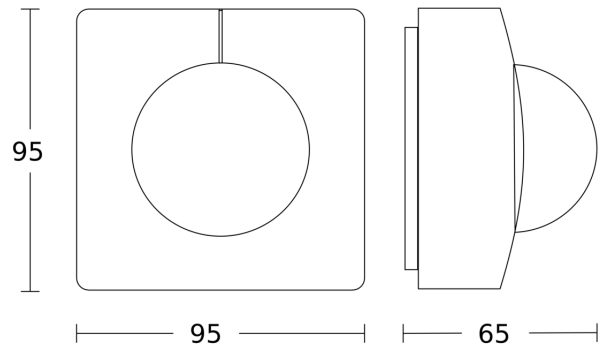
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## Detection Zone



## Dimension Drawing



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

## Master circuit diagram

