

IS 345

PF - concealed, sq.
 EAN 4007841 033835
 Article number 033835



infrared sensor
360°



max. 20 x 4 m

2000 W

max. 2000 W



IP20



2 - 1000 lux



5 sec - 15 min



manual override



ideal 2,5 - 5 m

Teach

Teach mode



energy saving

Function description

Huge reach. Infrared motion detector IS 345 for indoors and out, ideal for passageways, corridors and commonly used spaces, installation height 5 m, detection zone 12 x 6 m (radial) and 23 x 6 m (tangential), heavy-duty relay for high switching capacity. Available either in round or square surface-mounted and concealed version.

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	PF - concealed, sq.
PU1, EAN	4007841033835
Type	Motion detectors
Application, place	Indoors
Application, room	corridor / aisle, multi-storey / underground car park, Indoors
Colour	white
Colour, RAL	9003
Includes corner wall mount	No
Installation site	ceiling
Installation	Concealed wiring, Ceiling
IP-rating	IP20
Ambient temperature	from -20 up to 50 °C

Capacitive load in µF	176 µF
Technology, sensors	passive infrared, Light sensor
Mounting height	2,50 – 5,00 m
Mounting height max.	5,00 m
Optimum mounting height	2,8 m
Detection angle	Aisle, 360 °
Angle of aperture	45 °
Sneak-by guard	Yes
Capability of masking out individual segments	Yes
Electronic scalability	No
Mechanical scalability	No
Reach, radial	12 x 6 m (72 m²)
Reach, tangential	23 x 6 m (138 m²)
Switching zones	280 switching zones
Functions	Normal / test mode, Manual ON / ON-OFF
Twilight setting	2 – 1000 lx

IS 345

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Technical specifications

Material	Plastic	Time setting	5 s – 15 Min.
Mains power supply	220 – 240 V / 50 – 60 Hz	Basic light level function	No
Fluorescent lamps, electronic ballast	1500 W	Main light adjustable	No
Fluorescent lamps, uncorrected	1000 VA	Twilight setting TEACH	Yes
Fluorescent lamps, series-corrected	400 VA	Constant-lighting control	No
Fluorescent lamps, parallel-corrected	400 VA	Interconnection	Yes
Switching output 1, low-voltage halogen lamps	2000 VA	Type of interconnection	Master/master
LED lamps < 2 W	100 W	Interconnection via	Cable
LED lamps > 2 W < 8 W	300 W	Product category	Motion detector
LED lamps > 8 W	600 W		

Accessories

EAN 4007841 009151	Remote control Smart Remote
EAN 4007841 559410	Service remote control RC8
EAN 4007841 056728	Black cover for IR-sensors

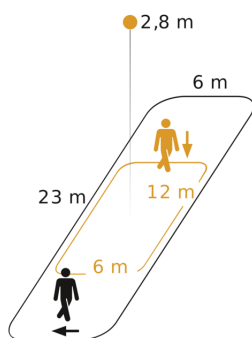
IS 345

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Detection Zone

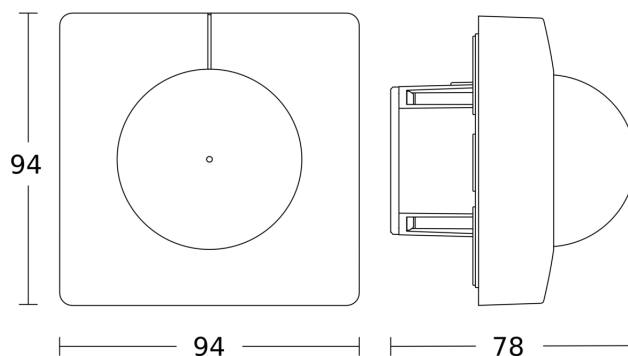


Possible mounting height: 2,50 m – 5,00 m

Orange: radial

Black: tangential

Dimension Drawing



Master circuit diagram

