

IS 300

Minimal dimensions.

Maximum detection performance.

The more obscure building corners, the more winding corridors and passage-ways, the more corner specialist IS 300 has what it takes. The 3 pyro sensors work together to give it a coverage angle of no less than 300°. So this little gem can even look round corners, quite literally. It's also a powerful performer in terms of switching capacity. You can reliably automate lighting systems with several lights around the building with 2,000 watts. Simply screw the sensor onto the corner mount. Done!



infrared sensor
300°



max. 12m

2000w

max.



IP54



1,8 - 4m



80° horizontal



2 - 2000 lux



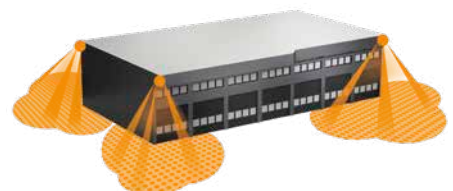
10sec - 15min



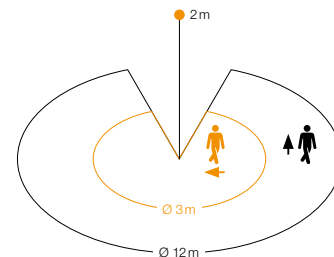
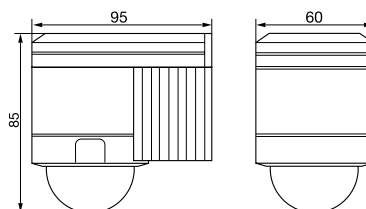
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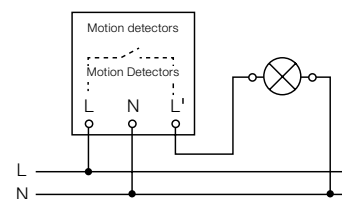
manufacturer's
warranty



EAN IS 300, white	4007841 602215
EAN IS 300, black	4007841 602116
Type	Motion detector
Dimensions (H x W x D)	85 x 60 x 95 mm
Power supply	230–240V, 50Hz
Sensor type	Passive infrared
Where to use	Indoors and outdoors
Installation	Wall, corner
Mounting height	1.8–4 m
Recommended mounting height	2 m
Output	max. 2000 W (resistive load), max. 8 fluorescent lamps / LED lamps, $C_{\leq} 176 \mu\text{F}$ max. 1000 VA ($\cos \phi = 0.5$)
Angle of coverage	300° with 180° angle of aperture
Capability of masking out individual segments	Yes
Swivelling range	$\pm 80^\circ$ precision adjustment of sensor housing
Reach	max. $\varnothing 12$ m tangential (377 m^2), temperature-stabilised
Sensor system	10 detection levels, 456 switching zones
Twilight setting	2–2000lx
Time setting	10 sec–15 min
IP rating	IP54
Temperature range	-20 to +50°C
Accessory included	Corner wall mount for external corners



IS 300 detection zone
Possible mounting height: 1.8–4 m
Orange: radial
Black: tangential



Also suitable for parallel operating mode.

Further circuit diagrams starting on page 82



White

Black

UV-resistant plastic



Including corner wall mount

