

IS 300

Minimal dimensions.

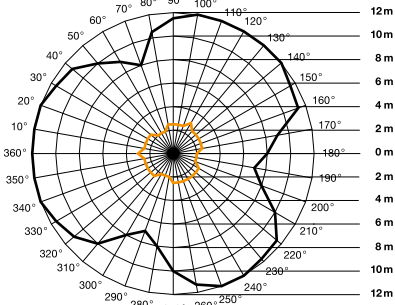
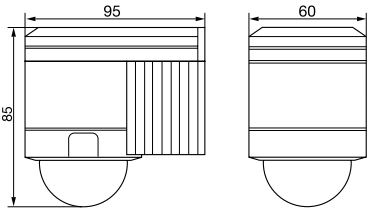
Maximum detection performance.

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. At 2,000 watts, you can reliably automate lighting systems made up of several luminaires all round the building. The wireless IS-FS 300 can also do the same but on battery power and without the need for cables. Simply screw the sensor onto the corner mount. That's all there is to it!

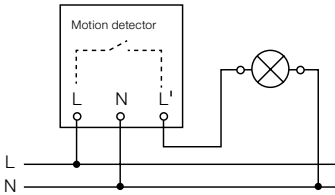


- infrared sensor 300°
- max. 12m
- 2000W max.
- IP 54
- ideal 2m
- 80° horizontal
- 2–2000 lux
- 10sec–15min
- energy saving
- 5-JAHRE GARANTIE functional warranty

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 - 240 V, 50 Hz
Sensor type	Passive infrared
Where to use	Indoors and outdoors
Installation	Wall, corner
Recommended installation height	2.00 m
Output (resistive load, e.g. ordinary lamp)	2000 W max.
Output (uncorrected, inductive, cos φ = 0.5, e.g. fluorescent lamps)	1000 VA max.
Output (series-corrected)	1500 W max.
Output (parallel-corrected, with C ≤ 45.6 µF)	500 W max.
Output (electronic ballasts, capacitive, e.g. low-energy lamps)	8 each max., C ≤ 176 µF
Angle of coverage	300° with 180° angle of aperture
Capability of masking out individual segments	Yes
Swivelling range	± 80° precision adjustment of sensor housing
Reach	12 m max. tangentially; temperature-stabilised
Sensor system	10 detection levels, 456 switching zones
Response light level	2 - 2000 lx
Time setting	10 sec. - 15 min.
IP rating	IP54
Protection class	II
Temperature range	-20 - +50 °C
Accessories	Includes corner wall mount for external corners



IS 300 detection zone
Mounting height 2.5 m
black = tangential walking direction
orange = radial walking direction



Also suitable for parallel operating mode.

Further circuit diagrams starting on page 328



UV-resistant plastic



Including corner wall mount bracket



For interconnectable wireless version, go to p. 284

