

IS 300



Prod. No. **black 602116**

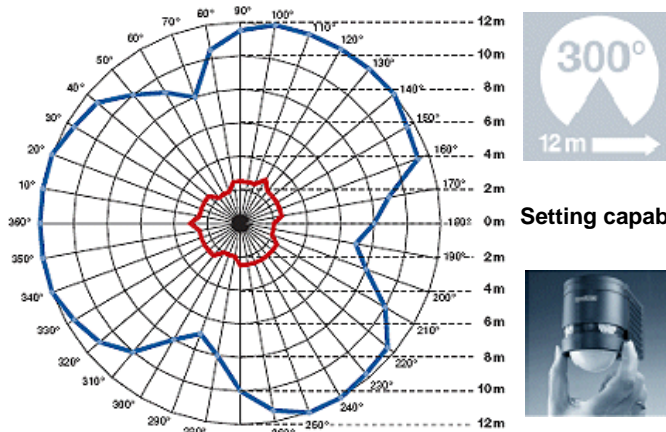


Prod. No. **white 602215**

Ideal for building corners and winding corridors

STEINEL's IS 300 infrared sensor is setting new standards in infrared sensor technology. The IS 300 features three highly sensitive, dual element type pyro sensors angled at 120° to each other. The multi-lens divides the detection zone into 720 switching zones on 10 levels, to provide reliable coverage of areas as large as 300 m². The IS 300 comes with a reach of up to 12 m and an extremely large 300° coverage angle with an angle of aperture of 180°. This means the sensor can even reliably see round (building) corners (corner wall mount optionally available). The sensor head can be turned through ± 80° for precision targeting. At 2000 W for resistive loads, switching capacity is matched to the large detection zone. This means it is also easily possible to automate large lighting systems comprising several lights.

- Infrared wall sensor for watching over corner situations
- Reach: max. 12 m
- Coverage angle: 300°
angle of aperture: 90°



Setting capabilities



Detection zone of IS 300, mounted at a height of 2 m (blue = tangential walking direction, red = radial walking direction)

IS 300

Dimensions (h x w x d)	60 x 90 x 100 mm
Output	2000 W max. (resistive load, e.g. filament bulb) 1000 W max. (uncorrected, inductive, $\cos \varphi = 0.5$, e.g. fluorescent lamps) 1800 W max. (series-corrected) 500 W max. (parallel-corrected, at C = 45.6 F) 1000 W max. (electronic ballasts, capacitive, e.g. low-energy bulbs, 12 each max.)
Voltage	230 – 240V / 50 Hz
Angle of coverage	300° with 180° angle of aperture
Reach	12 m max. temperature-stabilized
Turning range	± 80° precision targeting
Sensor system	10 detection levels, 456 switching zones
Time setting	10 sec. – 15 min.
Twilight setting	2 – 2000 lux
Permanent light	–
Enclosure	IP 54
Protection class	II
Accessories	Corner wall mount (EWH 01) optionally available for mounting to internal and external corners
Prod. No.	630119 (black), 630218 (white) Subject to technical modifications