

IS 3180



Far-sighted intelligence



Prod. No. **black 606114**

Prod. No. **white 606213**

Prod. No. **stainless steel effect 606312**

The high-performance IS 3180 wall sensor features two highly sensitive, dual element type pyro sensors positioned at an angle of 68° to each other. With 448 switching zones on 7 detection levels, they permit reliable, unrestricted coverage of areas as large as 500 m². Equipped with an impressive set of electronics, this sensor is designed for professional use. It has a switching capacity of 2000 watts. Sensors connected in parallel are automatically identified and their brightness detection capability automatically deactivated (e.g. in stairwells).

Installation advantage

Large terminal compartment with plug-in terminals makes the power supply unit easy to wire Straightforward installation: pre-install power supply unit and plug in chosen sensor electronics

- Far-sighted infrared wall sensor for watching over expansive premises and fronts of buildings
- Reach: 4 – 8m or 8 – 20m
- Coverage angle: 180° angle of aperture: 90°



Detection zone

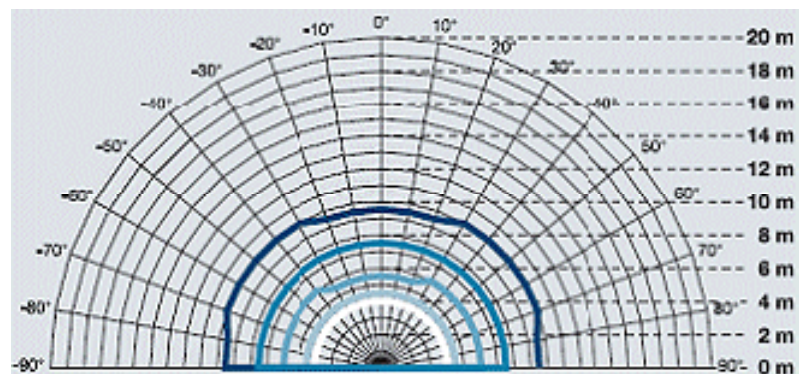
The IS 3180 reliably responds to movements within a range of up to 20 metres. It has a 180° detection zone with an angle of aperture of 90°.



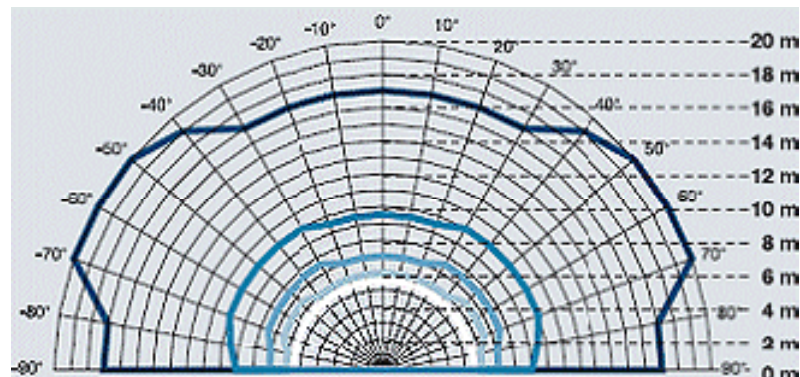
Turn the lens to obtain max. reach of 20 m or 8 m

Lens adjusts to 5 settings for altering reach (see Fig.)

-  Setting 0 (min)
-  Setting 1
-  Setting 2
-  Setting 3
-  Setting 4 (max)



IS 3180, mounting height 2 m, tangential direction of walking, 8 m lens



IS 3180, mounting height 2 m, tangential direction of walking, 20 m lens



Setting capabilities



Semplice e rapido cablaggio dell'alimentatore grazie all'ampio vano di connessione con morsetti ad innesto



Semplice montaggio: montate innanzitutto l'alimentatore ed infilate l'elettronica a sensori individuale

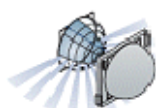
Setting capabilities



Rapida ed esatta impostazione del raggio d'azione mediante rotazione e spostamento della lente multipla



Semplice regolazione crepuscolare con precisione al secondo o al minuto per mezzo di tasti mediante tecnica a microprocessore; Luce continua (4 ore) attraverso interruttore di rete



Possibilità di limitare il singolo angolo di rilevamento mediante posizionamento delle calotte di copertura fornite in dotazione sotto la lente

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Dimensions (h x w x d)	95 x 95 x 65 mm
Output	2000 W max. (resistive load) 1000 W max. (uncorrected, inductive, $\cos \phi = 0.5$, 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 – 240 V / 50 Hz (2.5 mm ² max.)
Angle of coverage	180° horizontally, 90° vertically
Reach	Basic setting 1: 8 – 20 m max. Basic setting 2: 4 – 8 m max. + precision adjustment by moving lens and fitting shrouds
Sensor system	7 detection levels, 448 switching zones
Time setting	5 sec. – 15 min.
Twilight setting	2 – 2000 lux
Permanent light	selectable(4 Std.)
Enclosure	IP 54
Protection class	II
Special features	Including shrouds, overload protection, identification of parallel-connected sensors, reset function
Accessories (optional)	BUS system/floating contact as option Corner wall mount for fitting on internal and external corners
Prod. No.	648015 (black), 648114 (white) Subject to technical modifications