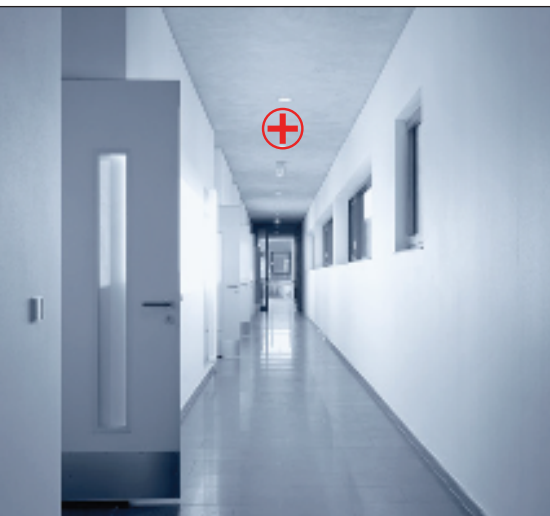


Motion Detector for the Corridor



- Infrared corridor sensor
- for watching over corridors and passageways of up to 2.5 m in height
- Detection zone:
 - a) radially: 12 x 4 m
 - b) tangentially: 20 x 4 m
- Angle of coverage: 180°
- Angle of aperture: 45°
- Pulse function ('ON' for 2 sec.)
- Teach mode (saves ambient brightness)
- Anti-glare protection, overload protection
- Recognition of sensors connected in parallel

With every corridor in view: the IS 345

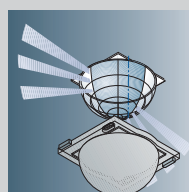
The multi-lens in the IS 345 has 280 switching zones on 5 detection levels. It provides a reach of 20 metres for the tangential direction of movement. This makes it the specialist in watching over corridors and passageways of normal height. At a distance of 4 – 6 metres from the sensor, it guarantees perfect detection of persons walking in the radial direction. The area covered in the tangential walking direction is 20 x 4 metres (mounted at a height of 3 m). The IS 345 provides you with on-demand lighting control in special-function rooms. This means maximum energy efficiency combined with the last word in convenience.

Detection zone



Max. reach:
20 m tangentially
Angle of coverage: 180°
Angle of aperture: 45°

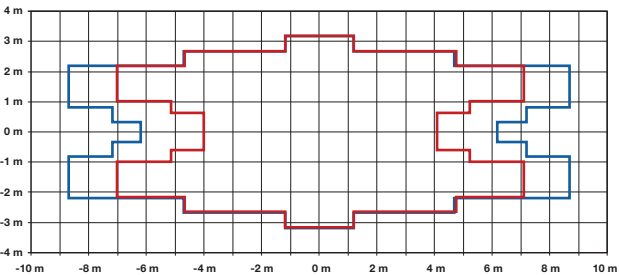
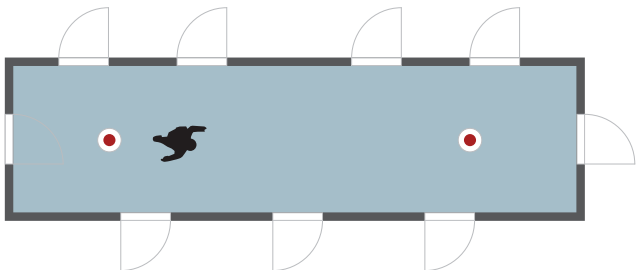
Setting capabilities



Shrouds: restrict the angle of coverage below the lens to suit requirements



Time and twilight response threshold are set at a potentiometer; manual override (4h) by means of mains power switch



IS 345 reach, mounting height 2.6 m
(blue = tangential walking direction, red = radial walking direction)



IS 345

EAN	white 4007841 606510
Dimensions (w x h x d)	95 x 95 x 65 mm
Output	- 2000 W max. (resistive load, e.g. filament bulb), - 1000 W max. (uncorrected, inductive, $\cos \varphi = 0.5$, e.g. fluorescent lamps) - 900 W max. (series corrected) - 500 W max. (parallel corrected, with $C \leq 45.6 \mu\text{F}$) - electronic ballasts, capacitive, e.g. low-energy lamps, max. of 8 each, $C \leq 176 \mu\text{F}$
Voltage	230 – 240 V / 50 Hz (2.5 mm ² max.)
Detection angle	180° with 45° angle of aperture
Reach	max. 20 x 4 m (tangentially) max. 12 x 4 m (radially); temperature-stabilised Precision adjustment by re-positioning the lens and shrouds
Sensor system	5 detection levels, 280 switching zones
Time setting	5 sec. – 15 min., + pulse mode (approx. 2 sec.)
Twilight setting	2 – 2000 lux + teach mode
Manual override	selectable (4h)
IP rating	IP 54
Protection class	II
Ambient temperature	-20° to +50° C

FUNCTIONAL
30 month
WARRANTY

STEINEL
German
Quality



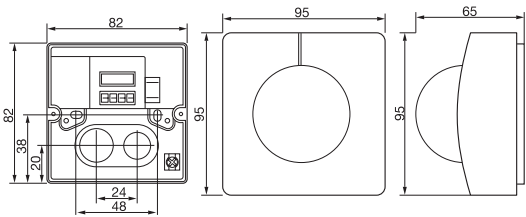
Installation



Large connection compartment with plug-in terminals: fast, convenient power supply unit wiring



Straightforward installation: pre-install power supply unit, plug in sensor electronics to suit the application



Motion Detectors

Presence Detectors

SensorLights

Sensor-Switched Floodlights

Wireless Sensor Systems

Support, Service