

IS 1

black
EAN 4007841 600419
Article number 600419



infrared sensor



max. 10 m

500 W



IP54



30° horizontal, 180° vertical



2 - 2000 lux



8 sec - 35 min



Ideal 2 m



energy saving

3 years

manufacturer's warranty [steinel.de/garantie](https://www.steinel.de/garantie)**Function description**

Targeted detection and attractive price. Infrared motion detector IS 1, for indoors and out, ideal for targeted coverage of small areas, 120° angle of coverage, reach up to 10 m, selectable time and twilight threshold, sensor turns through 60° and tilts through 180° for exact adjustment of the detection zone. New: Lens in housing colour.

Technical specifications

| | | | |
|----------------------------|---|---|-------------------------------------|
| Dimensions (L x W x H) | 120 x 80 x 50 mm | LED lamps > 2 W < 8 W | 125 W |
| Manufacturer's Warranty | 3 years | LED lamps > 8 W | 250 W |
| Settings via | Potentiometers | Capacitive load in μ F | 88 μ F |
| With remote control | No | Technology, sensors | passive infrared, Light sensor |
| Version | black | Mounting height | 1,80 – 3,00 m |
| PU1, EAN | 4007841600419 | Mounting height max. | 3,00 m |
| Type | Motion detectors | Optimum mounting height | 2 m |
| Application, place | Outdoors, Indoors | Detection angle | 120 ° |
| Application, room | outdoors, front door, all round the building, terrace / balcony, courtyard & driveway | Angle of aperture | 40 ° |
| Colour | black | Sneak-by guard | No |
| Colour, RAL | 9005 | Capability of masking out individual segments | Yes |
| Includes corner wall mount | No | Electronic scalability | No |
| Installation site | wall, ceiling | Mechanical scalability | No |
| Package content | 1 | Reach, radial | $r = 3 \text{ m (9 m}^2\text{)}$ |
| Installation | Surface wiring, Wall, Ceiling | Reach, tangential | $r = 10 \text{ m (105 m}^2\text{)}$ |
| IP-rating | IP54 | Switching zones | 260 switching zones |

Technical specifications

| | | | |
|---|----------------------|----------------------------|-----------------|
| Protection class | II | Twilight setting | 2 – 2000 lx |
| Ambient temperature | from -20 up to 50 °C | Time setting | 8 s – 35 Min. |
| Material | Plastic | Basic light level function | No |
| Mains power supply | 230 – 240 V / 50 Hz | Main light adjustable | No |
| Switching output 1, resistive | 500 W | Twilight setting TEACH | No |
| Fluorescent lamps, electronic ballast | 250 W | Constant-lighting control | No |
| Fluorescent lamps, uncorrected | 500 VA | Interconnection | Yes |
| Fluorescent lamps, series-corrected | 500 VA | Type of interconnection | Master/master |
| Fluorescent lamps, parallel-corrected | 500 VA | Interconnection via | Cable |
| Switching output 1, low-voltage halogen lamps | 500 VA | Product category | Motion detector |
| LED lamps < 2 W | 100 W | | |

Motion detector

IS 1

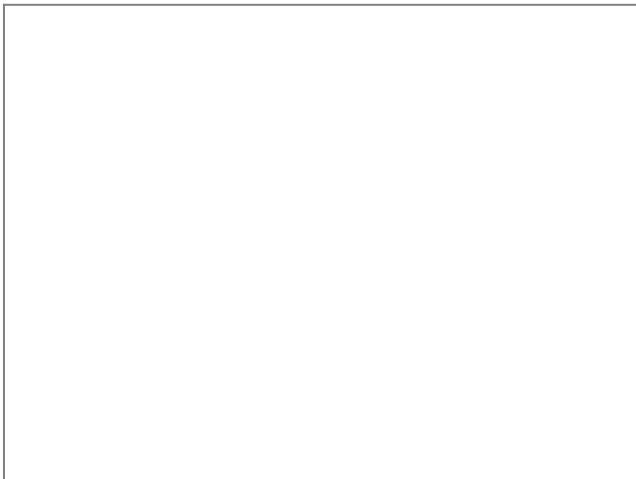
black

EAN 4007841 600419

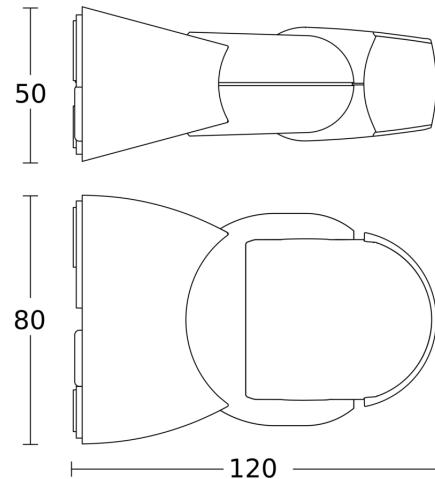
Article number 600419

 steinle

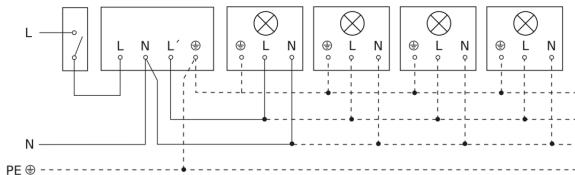
Detection Zone



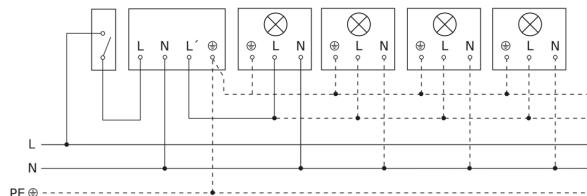
Dimension Drawing



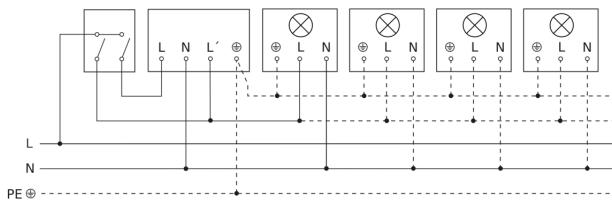
Light without neutral conductor



Light with neutral conductor



Connection using two-circuit switch for manual and automatic operation



Circuit diagram Connection via a changeover switch for continuous and automatic operation

