Motion detector

IS 1

black
EAN 4007841 600419
Article number 600419





infrared sensor 120°



max. 10 m

500 W

500 W max.



IP54



30° horizontal, 180° vertical



2 - 1000 lux



5 Sec - 35 Min



Ideal 2 m

3 years

manufacture's warranty steinel.de/garantie



CE

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
Manufacturer's Warranty	3 years
Settings via	Potentiometers
With remote control	No
Version	black
PU1, EAN	4007841600419
Type	Motion detectors
Application, place	Outdoors, Indoors
Application, room	outdoors, front door, all round the building, terrace / balcony, courtyard & driveway
Colour	black
Colour, RAL	9005
Includes corner wall mount	No
Installation site	wall, ceiling
Package content	1
Installation	Surface wiring, Wall, Ceiling
IP-rating	IP54

LED lamps > 8 W	250 W
Capacitive load in µF	88 µF
Technology, sensors	passive infrared, Mixed light metering
Voltage range (min)	230 V
Voltage range (max)	240 V
Mounting height	1,80 – 3,00 m
Mounting height max.	3,00 m
Optimum mounting height	2 m
Detection angle	120 °
Angle of aperture	40 °
Sneak-by guard	No
Capability of masking out individual segments	Yes
Electronic scalability	No
Mechanical scalability	No
Reach, radial	r = 3 m (9 m^2)
Reach, tangential	r = 10 m (105 m^2)

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Technical specifications

Protection class	II
Ambient temperature	from -20 up to 50 °C
Material	Plastic
Mains power supply	230 – 240 V / 50 Hz
Switching output 1, resistive	500 W
Fluorescent lamps, electronic ballast	250 W
Fluorescent lamps, uncorrected	500 VA
Fluorescent lamps, series-corrected	500 VA
Fluorescent lamps, parallel-corrected	500 VA
Switching output 1, low-voltage halogen lamps	500 VA
LED lamps < 2 W	100 W
LED lamps > 2 W < 8 W	125 W

Switching zones	260 switching zones
Twilight setting	2 – 1000 lx
Time setting	5 s – 35 Min.
Basic light level function	No
Main light adjustable	No
Twilight setting TEACH	No
Constant-lighting control	No
Interconnection	Yes
Type of interconnection	Master/master
Interconnection via	Cable
Product category	Motion detector

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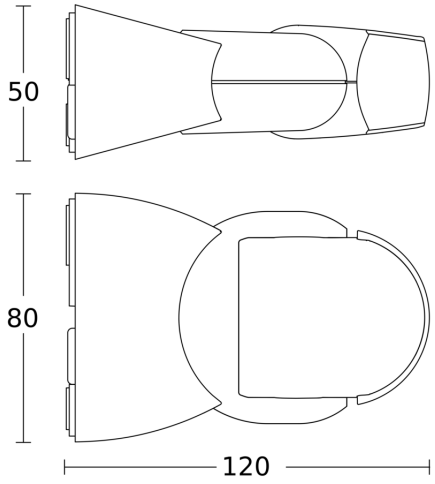
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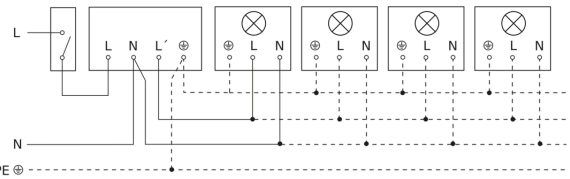
Detection Zone



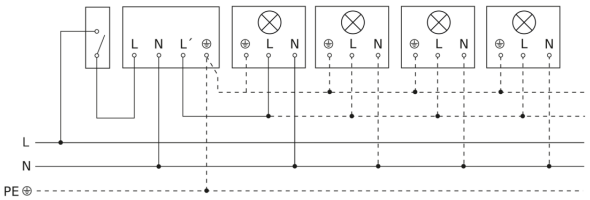
Dimension Drawing



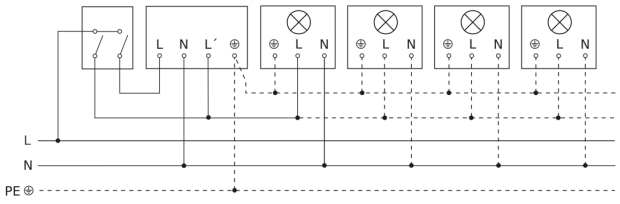
Light without neutral conductor



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

