

Steinel IS 1 Infrared Motion Sensor



Steinel IS 1 Infrared Motion Sensor User Guide

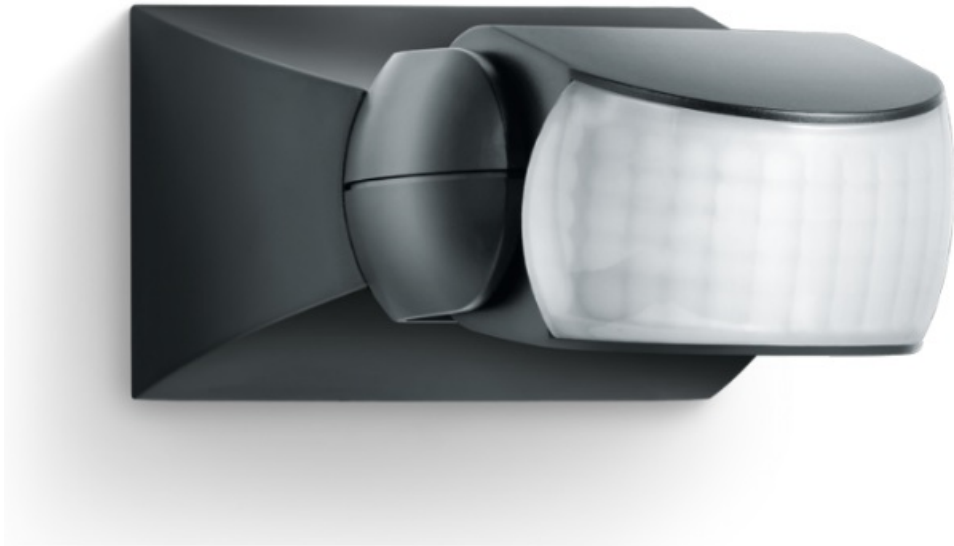
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Steinel IS 1 Infrared Motion Sensor



Product Specifications

- **Product:** Motion Detector IS 1
- **Color:** Black
- **EAN:** 4007841 600419
- **Article Number:** 600419
- **Maximum Detection Range:** 10 meters
- **Maximum Power:** 500 W (LEDready)
- **IP Rating:** IP54
- **Light Sensitivity Range:** 2 – 2000 lux
- **Adjustable Timer:** 8 seconds – 35 minutes
- **Ideal Mounting Height:** 2 meters
- Energy Saving
- Manufacturer's Warranty: 3 years

Product Usage Instructions

Installation

1. Choose a suitable installation site, preferably wall or ceiling-mounted.
2. Ensure the installation site has an IP54 rating for outdoor use.
3. Connect the motion detector according to the manufacturer's instructions.

Settings Adjustment

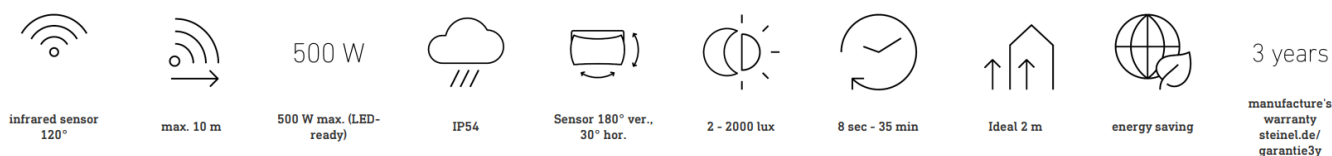
1. Use the remote control to adjust settings such as detection range and timer.
2. Set the light sensitivity range based on ambient light conditions.

Usage Tips

1. Mount the detector at an optimum height of 2 meters for best results.

2. Ensure there are no obstructions within the detection zone for accurate performance.

FEATURED



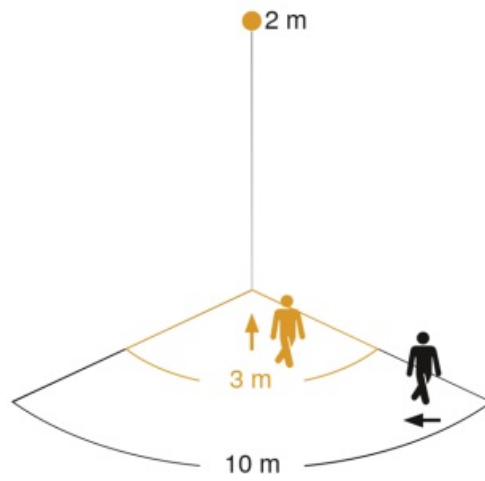
Function description

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 30° and tilts through 180° for exact adjustment of the detection zone.

Technical specifications

Dimensions (L x W x H)	120 x 80 x 50 mm	LED lamps < 2 W	16 W
Manufacturer's Warranty	3 years	LED lamps > 2 W < 8 W	64 W
Settings via	Potentiometers	LED lamps > 8 W	64 W
With remote control	No	Capacitive load in µF	88 µF
Version	black	Sensor Technology	Passive infrared
PU1, EAN	4007841600419	Mounting height	1,80 – 3,00 m
Type	Motion detectors	Mounting height max.	3,00 m
Application, place	Indoors, Outdoors	Optimum mounting height	2 m
Application, room	outdoors, front door, all round the building, terrace / balcony, courtyard & driveway	Detection angle	120 °
Colour	black	Angle of aperture	40 °
Colour, RAL	9005	Sneak-by guard	No
Includes corner wall mount	No	Capability of masking out individual segments	Yes
Installation site	wall, ceiling	Electronic scalability	No
Installation	Surface wiring, Wall, Ceiling	Mechanical scalability	No
IP-rating	IP54	Reach, radial	r = 3 m (9 m ²)
		Reach, tangential	r = 10 m (105 m ²)
Protection class	II	Switching zones	260 switching zones
Ambient temperature	-20 – 50 °C	Twilight setting	2 – 2000 lx
Material	Plastic	Time setting	8 s – 35 Min.
Mains power supply	230 – 240 V / 50 Hz	Basic light level function	No
Switching output 1, resistive	500 W	Main light adjustable	No
Switching output 1, number of LEDs / fluorescent lamps	4 pcs.	Twilight setting TEACH	No
Fluorescent lamps, electronic ballast	430 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		

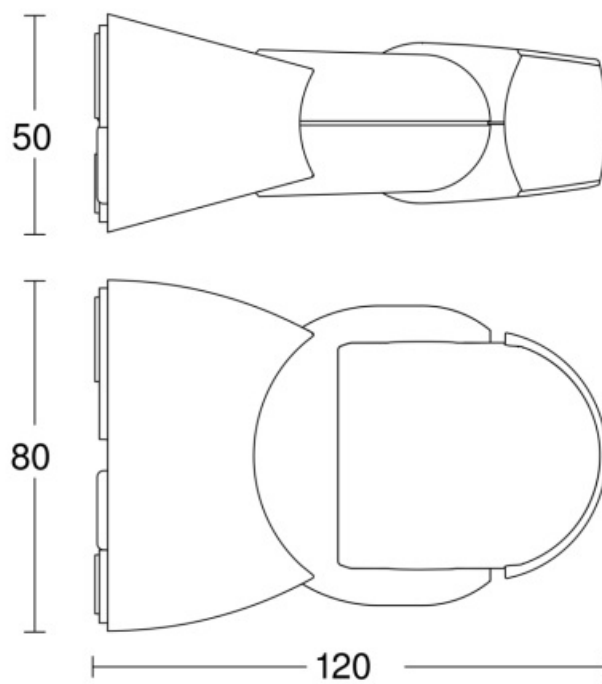
Detection Zone



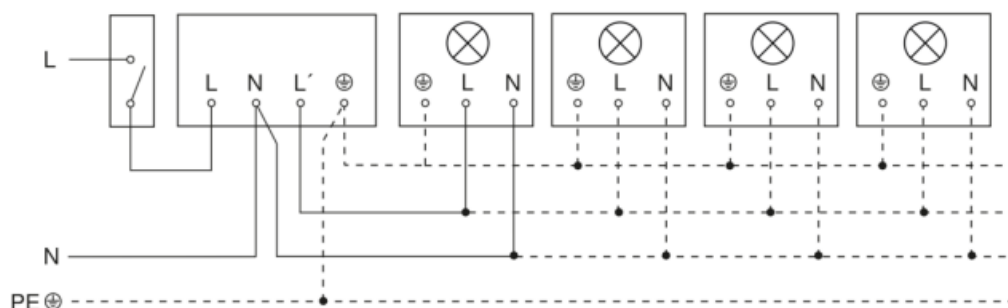
Mögliche Montagehöhe: 1,80 m – 3,00 m

- **Orange:** radial

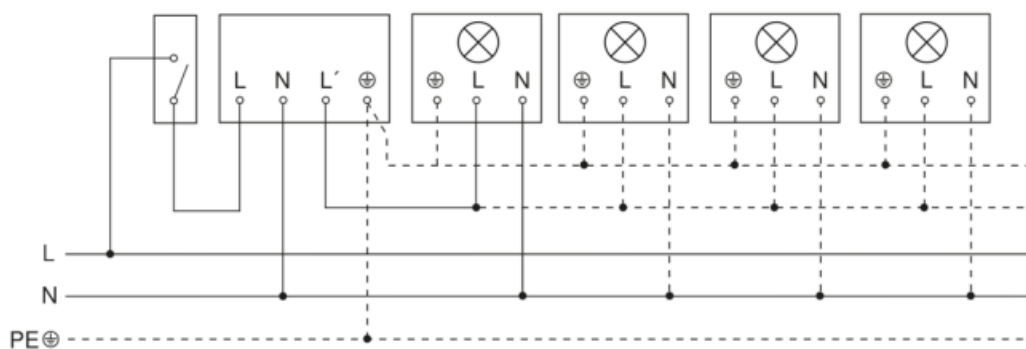
Dimension Drawing



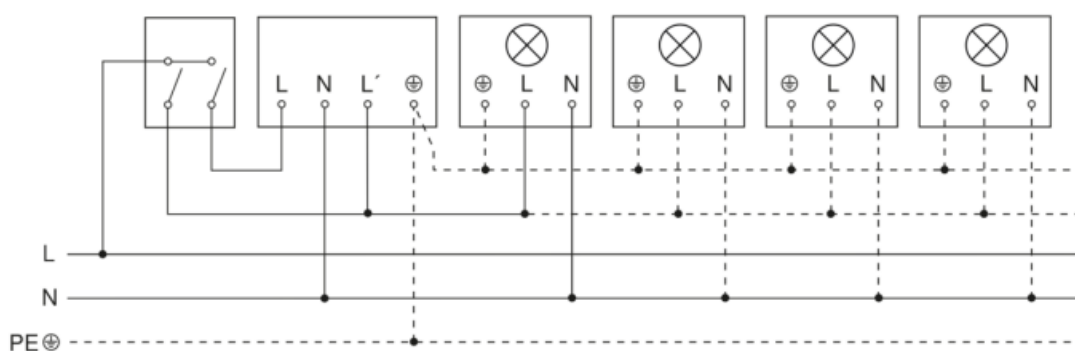
Light without neutral conductor



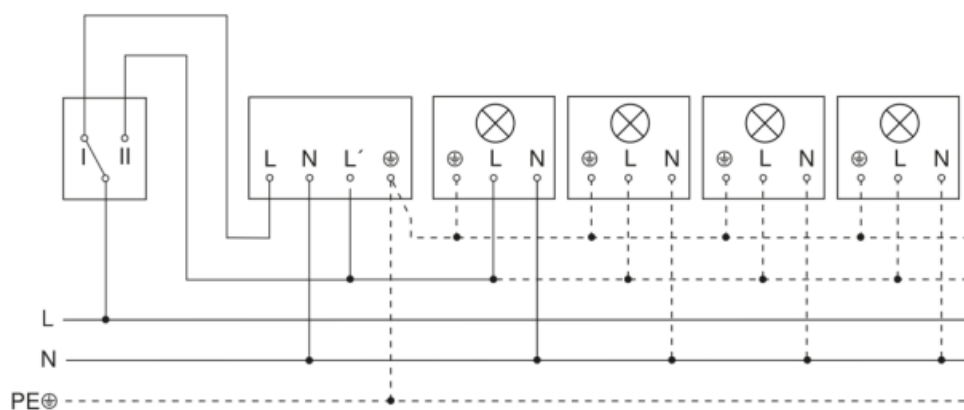
Connection using two-circuit switch for manual and automatic operation



Light with neutral conductor



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




FAQ

Frequently Asked Questions

- **Q: Can the motion detector be used with LED lamps?**
 - A: Yes, the motion detector is compatible with LED lamps up to 8W.
- **Q: What is the warranty period for the product?**
 - A: The manufacturer provides a 3-year warranty for the motion detector.

Subject to technical modifications

Documents / Resources

	<p>Steinel IS 1 Infrared Motion Sensor [pdf] User Guide</p> <p>IS 1 Infrared Motion Sensor, IS 1, Infrared Motion Sensor, Motion Sensor, Sensor</p>
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References

- [Steinel Group | STEINEL](#)
- [Steinel Group | STEINEL](#)
- [User Manual](#)

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