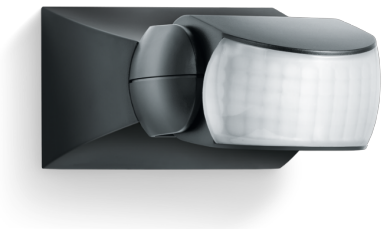
Motion detector

IS 1

black
EAN 4007841 600419
Article number 600419



infrared sensor 120°

max. 10 m

500 W

500 W max. (LED-ready)

IP54

Sensor 180° ver., 30° hor.

2 - 2000 lux

8 sec - 35 min

Ideal 2 m

energy saving

3 years

manufacture's warranty steinel.de/garantie3y

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.

Motion detector

IS 1

black
EAN 4007841 600419
Article number 600419

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	Nein
Version	black
PU1, EAN	4007841600419
Type	Motion detectors
Application, place	Indoors, Outdoors
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
Installation	Surface wiring, Wall, Ceiling
IP-rating	IP54
Protection class	II
Ambient temperature	-20 – 50 °C
Material	Plastic
Mains power supply	230 – 240 V / 50 Hz
Switching output 1, resistive	500 W
Switching output 1, number of LEDs / fluorescent lamps	4 pcs.
Fluorescent lamps, electronic ballast	430 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

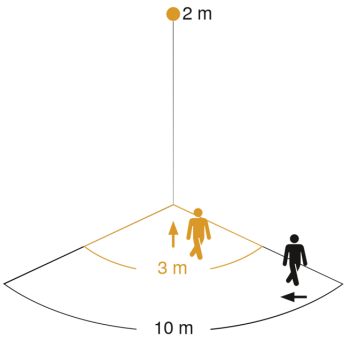
LED lamps	16 W
LED lamps > 2 W	64 W
LED lamps > 8 W	64 W
Capacitive load in µF	88 µF
Sensor Technology	Passive infrared
Mounting height	1,80 – 3,00 m
Mounting height max.	3,00 m
Optimum mounting height	2 m
Detection angle	120 °
Angle of aperture	40 °
Sneak-by guard	No
Capability of masking out individual segments	Yes
Electronic scalability	No
Mechanical scalability	No
Reach, radial	r = 3 m (9 m^2)
Reach, tangential	r = 10 m (105 m^2)
Switching zones	260 switching zones
Twilight setting	2 – 2000 lx
Time setting	8 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

Motion detector

IS 1

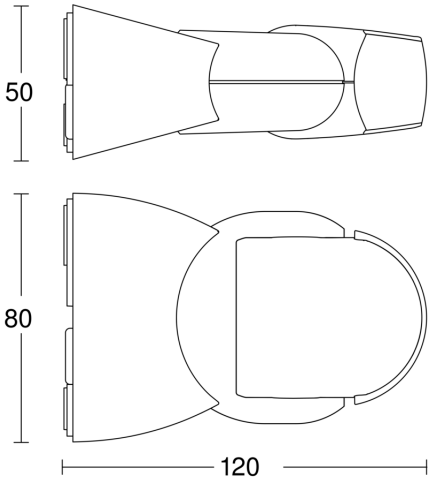
black
EAN 4007841 600419
Article number 600419

Detection Zone

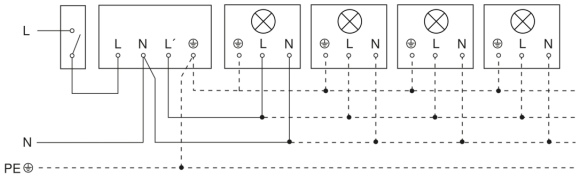


Mögliche Montagehöhe: 1,80 m – 3,00 m
Orange: radial
Schwarz: tangential

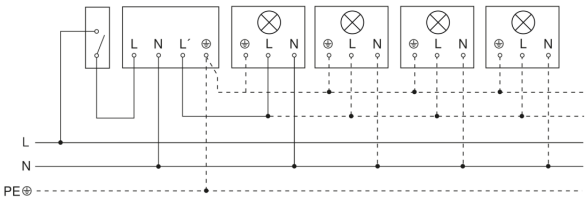
Dimension Drawing



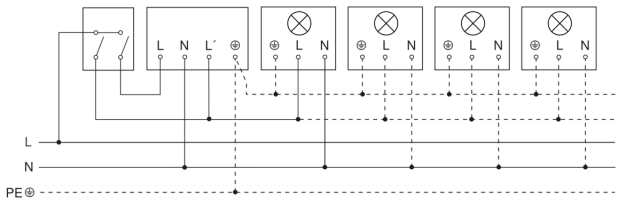
Light without neutral conductor



Light with neutral conductor



Connection using two-circuit switch for manual and automatic operation



Connection of 4-fold push-button coupler to DALI2 APC

