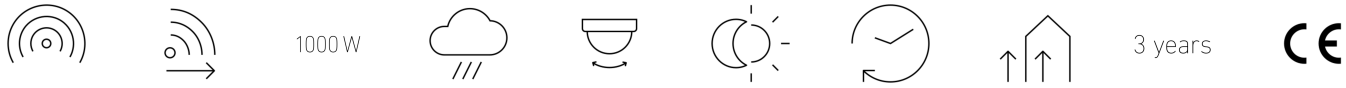
Motion detector

IS 240 DUO

white
EAN 4007841 602819
Article number 602819



infrared sensor 240° | max. 12 m | 1000 W max. | IP54 | 160° horizontal | 2 - 2000 lux | 10 sec - 15 min | Ideal 2 m | manufacture's warranty steinel.de/garantie | CE

Function description

Round the corner. Infrared wall sensor IS 240 DUO, for indoors and out, 240° angle of coverage, reach up to 12 m, selectable time and twilight threshold, detection zone can be customised with shrouds.

Technical specifications

Dimensions (L x W x H)	100 x 60 x 90 mm
Manufacturer's Warranty	3 years
Settings via	Potentiometers
With remote control	No
Version	white
PU1, EAN	4007841602819
Type	Motion detectors
Application, place	Indoors, Outdoors
Application, room	outdoors, front door, all round the building, terrace / balcony, courtyard & driveway
Colour	white
Colour, RAL	9010
Includes corner wall mount	Yes
Installation site	wall, corner
Package content	1
Installation	Surface wiring, Wall, corner
IP-rating	IP54

LED lamps > 8 W	350 W
Capacitive load in µF	132 µF
Technology, sensors	passive infrared, Mixed light metering
Voltage range (min)	230 V
Voltage range (max)	230 V
Mounting height	1,80 – 4,00 m
Mounting height max.	4,00 m
Optimum mounting height	2 m
Detection angle	240 °
Angle of aperture	180 °
Sneak-by guard	Yes
Capability of masking out individual segments	Yes
Electronic scalability	No
Mechanical scalability	No
Reach, radial	r = 5 m (52 m^2)
Reach, tangential	r = 12 m (302 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 V / 50 Hz
Switching output 1, resistive	1000 W
Fluorescent lamps, electronic ballast	350 W
Fluorescent lamps, uncorrected	500 VA
Fluorescent lamps, series-corrected	500 VA
Fluorescent lamps, parallel-corrected	5000 VA
Switching output 1, low-voltage halogen lamps	1000 VA
LED lamps < 2 W	100 W
LED lamps > 2 W < 8 W	175 W

Switching zones	276 switching zones
Twilight setting	2 – 2000 lx
Time setting	10 s – 15 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

Accessories

EAN 4007841 630218	Corner wall mount 01 white

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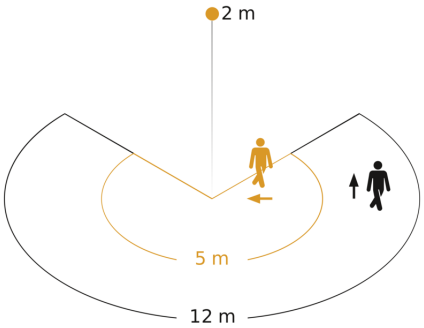
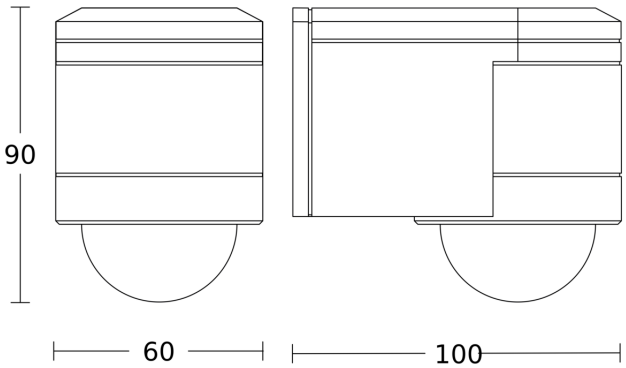
Detection Zone

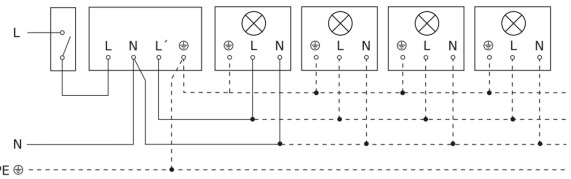


Possible mounting height: 1,80 m – 4,00 m
Orange: radial
Black: tangential

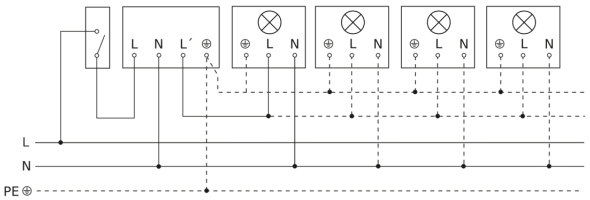
Dimension Drawing



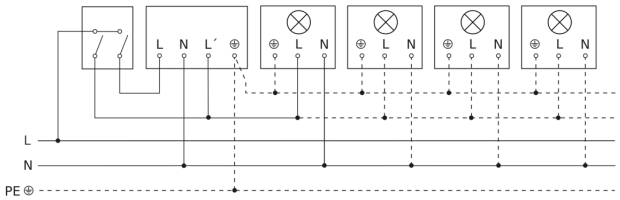
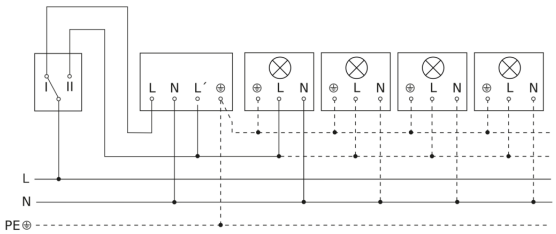
Light without neutral conductor



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