IS 1 black

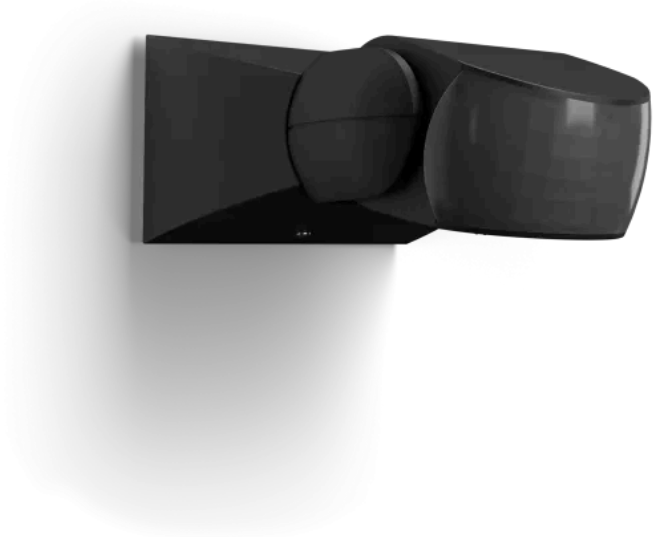
MOTION DETECTOR

EAN 4007841600419
E-Nr. 535997850

- Infrared motion detector with 120° detection angle and up to 10 m detection range
- For wall or ceiling mounting indoors and outdoors (IP 54), ideal for targeted detection of small areas
- Sensor lens in housing colour, made of UV-resistant plastic for a long service life
- Sensor can be swivelled horizontally by 60° and vertically by 180°, incl. cover panels for exact adjustment of the detection area
- Stepless adjustment of time (8 sec. - 35 min.) and switch-on brightness (2-2000 lux)
- Reliably switches any light source with a total of max. 500 W switching load (LED light sources max. 250 W / 50 pcs.)
- Incl. mounting accessories - plastic-free packaging

steinel

120 x 80 x 50 mm



IS 1 black

MOTION DETECTOR

EAN **4007841600419**
E-Nr. **535997850**

Technical Data

IDENTIFICATION

Version	**Motion detectors**

DIMENSIONS

Dimensions L × W × H	**120 x 80 x 50 mm**

ELECTRICAL

Mains connection	**230 – 240 V / 50 Hz**
Power	**500 W**
Switching output 1 resistive	**500 W**
Fluorescent lamps ECG	**250 W**
Fluorescent lamps uncompensated	**500 VA**
Fluorescent lamps series-compensated	**500 VA**
Fluorescent lamps parallel-compensated	**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**
LED lamps > 8 W	**250 W**
Capacitive load in µF	**88 µF**

SENSOR TECHNOLOGY

Max. mounting height	**3,00 m**
Sensor technology	**passive infrared**
Detection angle	**120 °**
Opening angle	**40 °**
Sneak-under protection	**No**
Segment-by-segment masking	**Yes**
Electronic scalability	**No**
Mechanical scalability	**No**
Radial range	**r = 3 m (9 m²)**
Tangential range	**r = 10 m (105 m²)**
Switching zones	**260 switching zones**
Mounting height	**1,80 – 3,00 m**
Optimal mounting height	**2 m**

CONNECTIVITY

Networking	**Yes**
Type of networking	**Master/master**
Control technology	**On/Off-Leuchte**

LIGHTING TECHNOLOGY

Soft light start	**No**
Continuous light	**selectable**
Constant light regulation	**No**

SETTINGS

Twilight switch	**Yes**
Twilight setting	**2 – 2000 lx**
Time setting	**8 s – 35 Min.**
Base light function	**No**
Main light adjustable	**No**
Settings via	**Potentiometers**
With remote control	**No**
Twilight setting teach	**No**

HOUSING & MATERIAL

Protection class (IP)	**IP54**
Protection class	**II**
Ambient temperature	**from -20 up to 50 °C**
Mounting location	**ceiling wall**
Application location	**Indoors Outdoors**
Mounting type	**Surface wiring**
Material	**Plastic**
Application room	**all round the building courtyard & driveway front door outdoors terrace / balcony**
Colour	**black**
RAL colour	**9005**

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	**3 years**
Corner wall bracket included	**No**

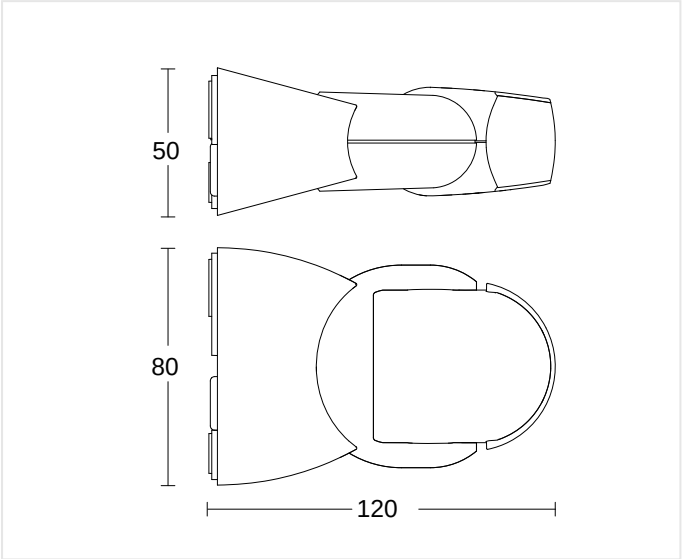
IS 1 black

MOTION DETECTOR

EAN **4007841600419**
E-Nr. **535997850**

Illustrations

TECHNICAL DRAWINGS



120 x 80 x 50 mm

MOUNTING HEIGHT

1,80 – 3,00 m	2 m	3,00 m
BEREICH	OPTIMAL	MAX

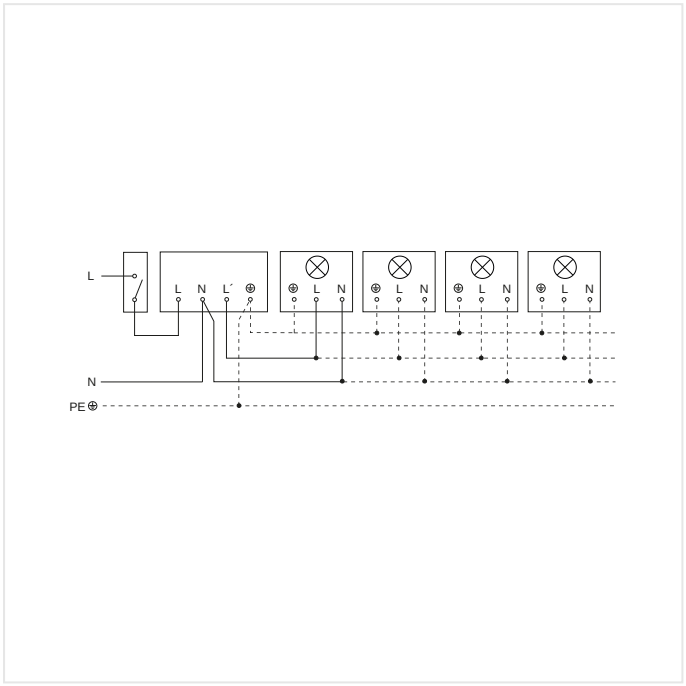
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MOTION DETECTOR

EAN **4007841600419**
E-Nr. **535997850**

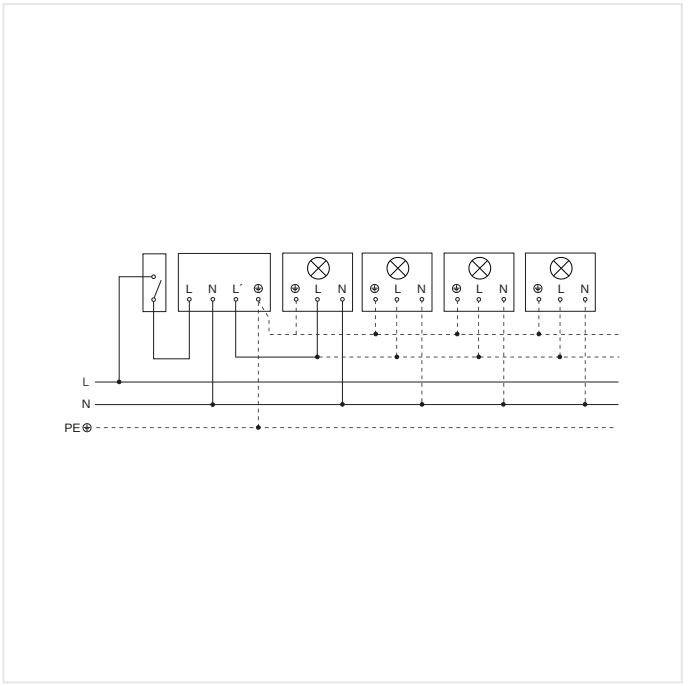
Wiring Diagrams

WIRING DIAGRAM 1



Light without neutral conductor

WIRING DIAGRAM 2



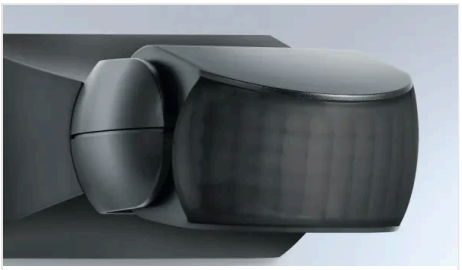
Light with neutral conductor

IS 1 black

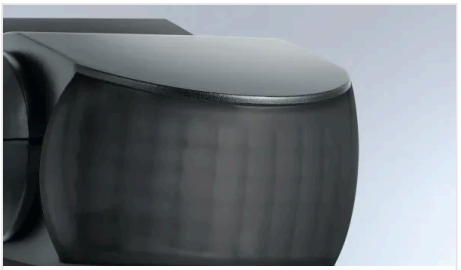
MOTION DETECTOR

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Highlights



UV-resistant plastic



Lens in housing colour

IS 1 black

MOTION DETECTOR

EAN **4007841600419**
E-Nr. **535997850**

Accessories

ORDERING INFORMATION

Art.-Nr.	600419
EAN	4007841600419
E-Number	535997850
Typ	**IS 1 black**

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