IS 180-2 black

MOTION DETECTOR

EAN 4007841603113
E-Nr. 535996190

- Infrared motion detector with 180° detection angle and up to 12 m detection range
- For wall or corner mounting (with optional corner wall bracket) indoors and outdoors (IP 54), ideal for monitoring large properties and outdoor areas, e.g. house fronts and driveways
- Simple and flat design, made of UV-resistant plastic for a long service life
- The range can be adjusted to max. 12 m or max. 5 m by turning the multi-lens, incl. cover panels for exact adjustment of the detection range
- Stepless adjustment of time (5 sec. - 15 min.) and switch-on brightness (2-2000 lux)
- Reliably switches any light source with a total of max. 1000 W switching load (LED light sources max. 350 W / 50 pcs.)
- Incl. mounting accessories - plastic-free packaging

steinel

56 x 76 x 120 mm



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Technical Data

IDENTIFICATION

Version	**Motion detectors**

DIMENSIONS

Dimensions L × W × H	**56 x 76 x 120 mm**

ELECTRICAL

Mains connection	**230 V / 50 Hz**
Power	**1000 W**
Switching output 1 resistive	**1000 W**
Fluorescent lamps ECG	**350 W**
Fluorescent lamps uncompensated	**500 VA**
Fluorescent lamps series-compensated	**900 VA**
Fluorescent lamps parallel-compensated	**500 VA**
Switching output 1 low-voltage halogen lamps	**1000 VA**
LED lamps < 2 W	**100 W**
LED lamps > 2 W < 8 W	**175 W**
LED lamps > 8 W	**350 W**
Capacitive load in µF	**132 µF**

SENSOR TECHNOLOGY

Max. mounting height	**4,00 m**
Sensor technology	**passive infrared**
Detection angle	**180 °**
Opening angle	**90 °**
Sneak-under protection	**Yes**
Segment-by-segment masking	**Yes**
Electronic scalability	**No**
Mechanical scalability	**No**
Radial range	**r = 1.5 m (4 m²) / r = 3 m (14 m²)**
Tangential range	**r = 5 m (39 m²) / r = 12 m (226 m²)**
Switching zones	**504 switching zones**
Mounting height	**1,80 – 4,00 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	**5 s – 15 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	**corner 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**

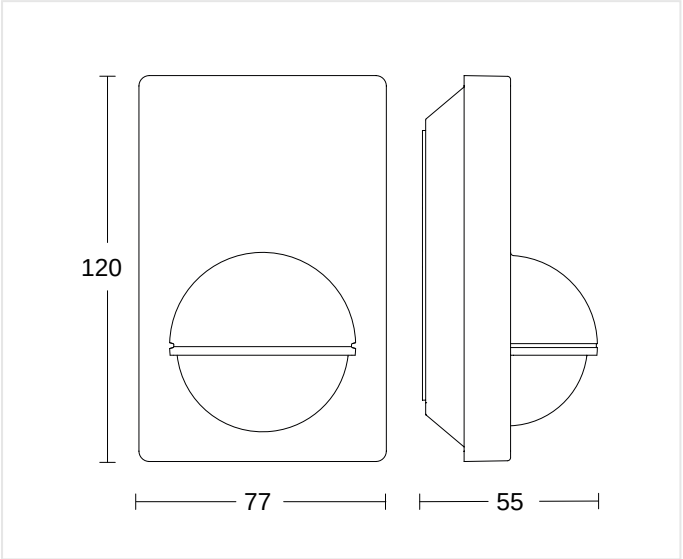
IS 180-2 black

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Illustrations

TECHNICAL DRAWINGS



56 x 76 x 120 mm

MOUNTING HEIGHT

1,80 – 4,00 m	2 m	4,00 m
BEREICH	OPTIMAL	MAX

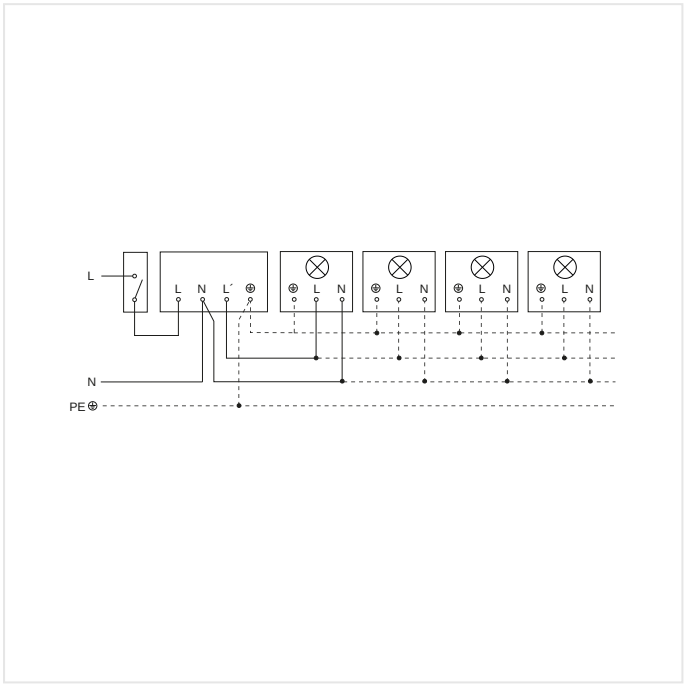
IS 180-2 black

MOTION DETECTOR

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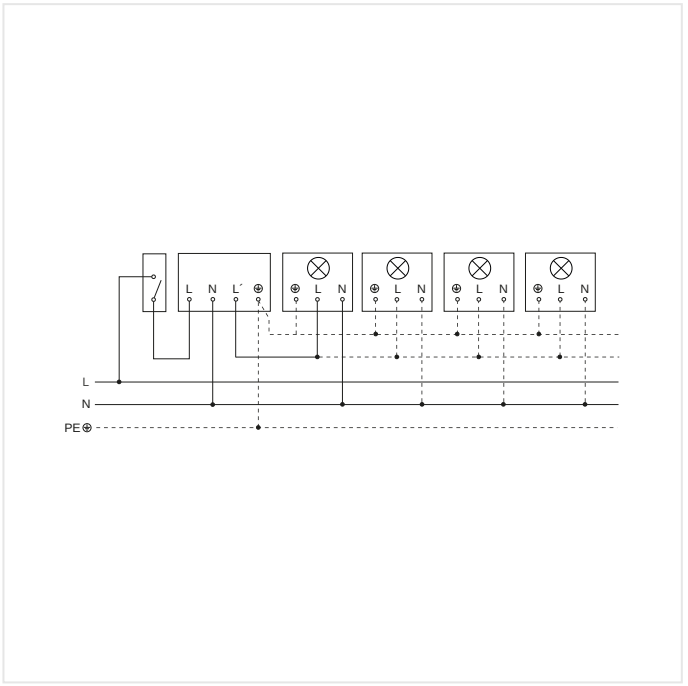
Wiring Diagrams

WIRING DIAGRAM 1



Light without neutral conductor

WIRING DIAGRAM 2



Light with neutral conductor

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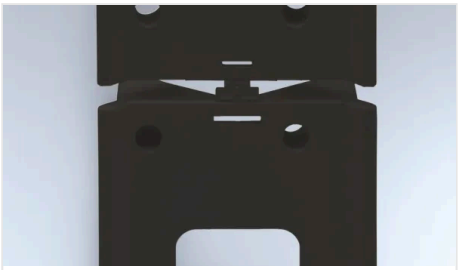
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Highlights



UV-resistant plastic



Optional corner wall mount bracket

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MOTION DETECTOR

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E-Nr. **535996190**

Accessories

	ARTICLE NUMBER	DESCRIPTION	CATEGORY
	4007841085148	**Eckwandhalter für IS 180-2, IS 2180-2 und IS 2180 ECO weiss**	Accessory

ORDERING INFORMATION

Art.-Nr.	603113
EAN	4007841603113
E-Number	535996190
Typ	**IS 180-2 black**

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