IS 180-2 white

MOTION DETECTOR

EAN 4007841603212
E-Nr. 535996100

- 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
- 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

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	white
RAL colour	9010

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	3 years
Corner wall bracket included	No

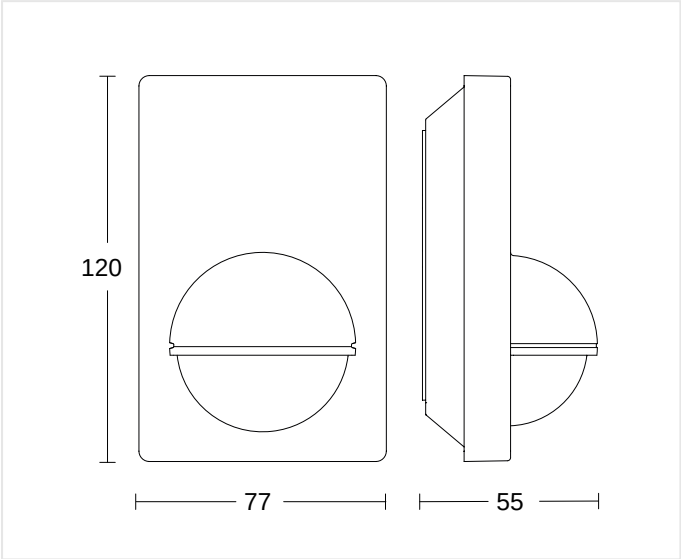
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Illustrations

TECHNICAL DRAWINGS



56 x 76 x 120 mm

MOUNTING HEIGHT

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

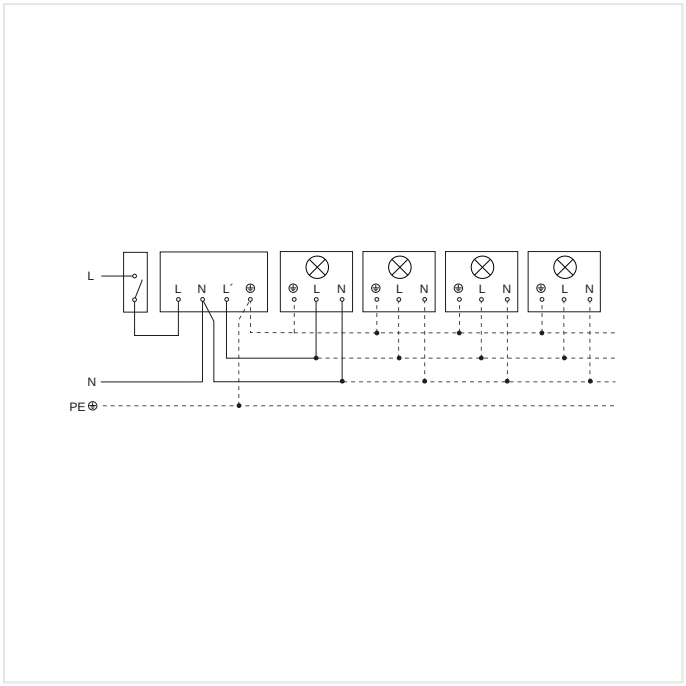
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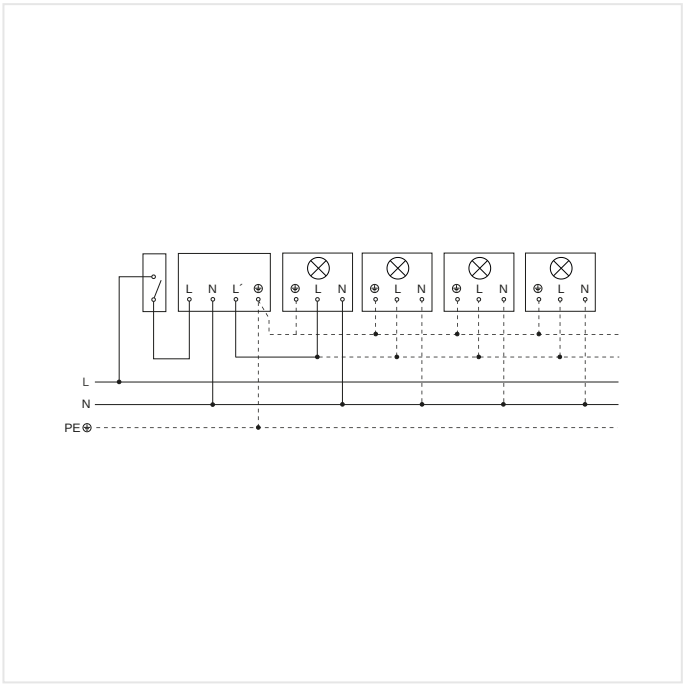
Wiring Diagrams

WIRING DIAGRAM 1



Light without neutral conductor

WIRING DIAGRAM 2



Light with neutral conductor

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Highlights



UV-resistant plastic



Optional corner wall mount bracket

IS 180-2 white

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Accessories

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

ORDERING INFORMATION

Art.-Nr.	603212
EAN	4007841603212
E-Number	535996100
Typ	**IS 180-2 white**

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