

IS 2180 ECO Anthracite

MOTION DETECTOR

neva
lux

EAN 4007841064907

55 x 78 x 120 mm



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Technical Data

IDENTIFICATION

PU1 EAN	4007841064907
Material number	110068290
SAP designation	BEWEGUNGSMELDER IS 2180 ECO ANT
Version	Motion detectors
Product name data sheet	IS 2180 ECO Anthracite
Product category	Motion detector
Discount group	B
Source	Steinel Excel
Product status	Normal
Manufacturer	Steinel

DIMENSIONS

Dimensions L x W x H	55 x 78 x 120 mm
PU1 net weight	0.121

ELECTRICAL

Mains connection	230 V / 50 Hz
Power	2000 W
Switching output 1 resistive	2000 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
Own consumption	0,5 W
Switching output 1 potential-free	No
Maximum inrush current	110 A

SENSOR TECHNOLOGY

Max. mounting height	4,00 m
Sensor technology	passive infrared
With motion detector	Yes
Detection angle	180 °
Opening angle	90 °
Sneak-under protection	Yes
Segment-by-segment masking	Yes
Electronic scalability	No
Mechanical scalability	No

Radial range	$r = 1.5 \text{ m (4 m}^2) / r = 3 \text{ m (14 m}^2)$
Tangential range	$r = 5 \text{ m (39 m}^2) / r = 12 \text{ m (226 m}^2)$
Switching zones	508 switching zones
Mounting height	1,8 – 4 m
Optimal mounting height	2 m
Nevalux sensor technology	On / Off

CONNECTIVITY

Networking	Yes
Type of networking	Master/master
Networking via	Cable

LIGHTING TECHNOLOGY

Soft light start	No
Continuous light	selectable

Constant light regulation No

SETTINGS

Twilight switch	Yes
Twilight setting	2 – 2000 lx
Time setting	10 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
Ambient temperature	from -20 up to 50 °C
Cover material (scope of delivery)	shrouds
Mounting location	wall corner
Application location	Outdoors
Mounting type	Surface wiring
Material	Plastic
Application room	outdoors front door all round the building terrace / balcony courtyard & driveway
Colour	Anthracite
RAL colour	7016

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	5 years
Corner wall bracket included	No

CERTIFICATES & EPREL

Certificates VDE

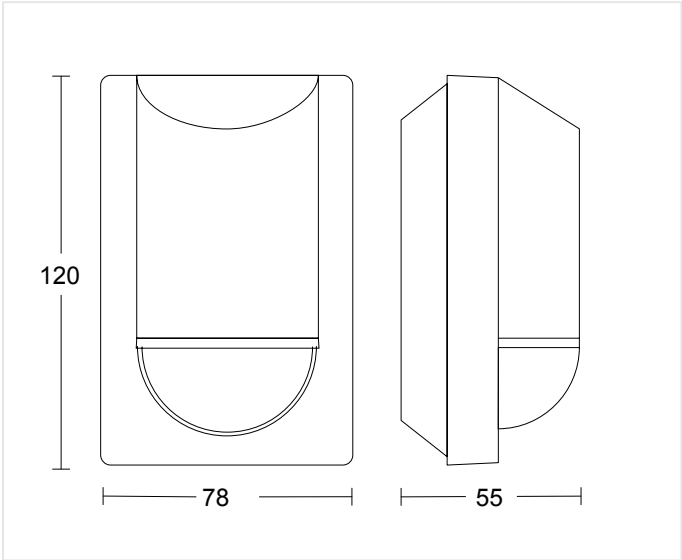
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Illustrations

TECHNICAL DRAWINGS



55 x 78 x 120 mm

MOUNTING HEIGHT

1,8 – 4 m BEREICH	2 m OPTIMAL	4,00 m MAX
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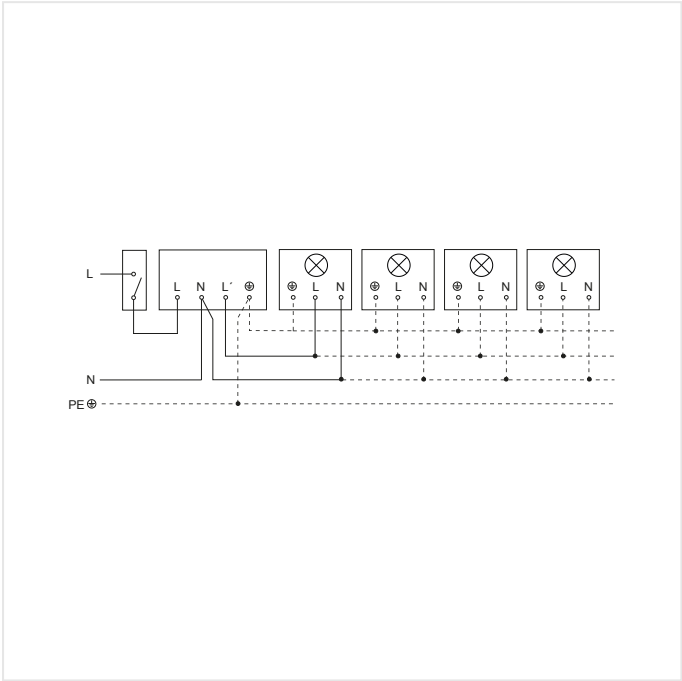
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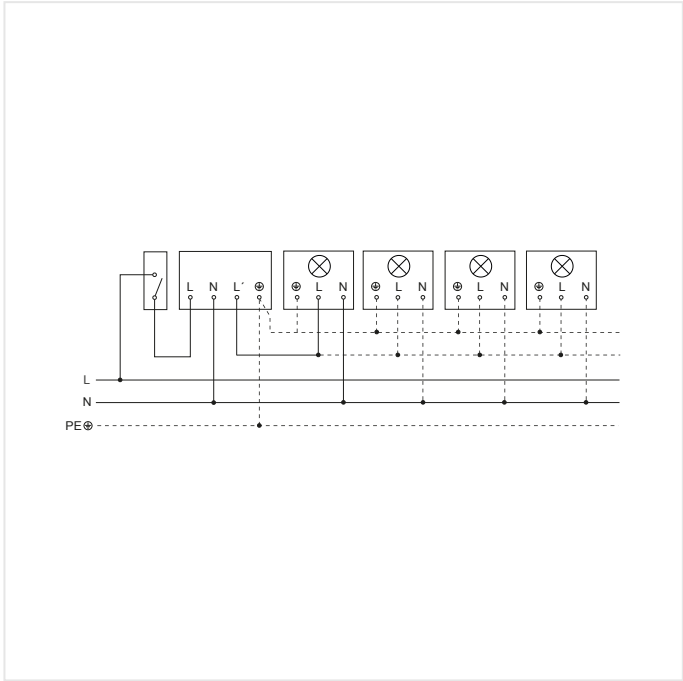
Wiring Diagrams

WIRING DIAGRAM 1



Light without neutral conductor

WIRING DIAGRAM 2



Light with neutral conductor

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MOTION DETECTOR

Highlights



UV-resistant plastic



Optional corner wall mount bracket

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Accessories

ORDERING INFORMATION	
Art.-Nr.	064907
EAN	4007841064907
Typ	IS 2180 ECO Anthracite
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