

MD IR D180 COM1 - anthracite

MOTION DETECTOR

neva
lux

EAN 4007841066079

- formerly IS 180 digi HD now MD IR D180
- the first digitally adjustable infrared sensor for outdoor use
- flat rectilinear design for optimal adaptation to mounting location
- lens integrated in the product outside the viewing area
- detection quality is equally good in the detection area, regardless of the direction of walking
- 9 detection areas digitally adjustable
- all settings are easily made via Bluetooth using the STEINEL Connect App

42 x 116 x 116 mm



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Technical Data

IDENTIFICATION

PU1 EAN	4007841066079
Material number	110072730
SAP designation	BEWEGUNGSMELDER MD IR D180 COM1 ANT
Version	Motion detectors
Product name data sheet	MD IR D180 COM1 - anthracite
Product category	Motion detector
Discount group	B
Source	Steinel Excel
Product status	Normal
Manufacturer	Steinel

DIMENSIONS

Dimensions L x W x H	42 x 116 x 116 mm
PU1 net weight	0.25

ELECTRICAL

Mains connection	220 – 240 V / 50 – 60 Hz
Switching output 1 resistive	2000 W
Fluorescent lamps ECG	500 W
Fluorescent lamps uncompensated	1000 VA
Fluorescent lamps series-compensated	400 VA
Fluorescent lamps parallel-compensated	400 VA
Switching output 1 low-voltage halogen lamps	2000 VA
LED lamps < 2 W	100 W
LED lamps > 2 W < 8 W	250 W
LED lamps > 8 W	500 W

Capacitive load in μF	176 μF
Own consumption	0,6 W
Switching output 1 potential-free	No
Maximum inrush current	10 A

SENSOR TECHNOLOGY

Max. mounting height	2,50 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	Yes
Mechanical scalability	No
Radial range	r = 6 m (57 m²)
Tangential range	r = 9 m (127 m²)
Mounting height	1,80 – 2,5 m
Optimal mounting height	2 m
Nevalux sensor technology	BT SIG Mesh, On / Off

CONNECTIVITY

Networking	Yes
Networking via	Bluetooth Mesh

LIGHTING TECHNOLOGY

Soft light start	No
Continuous light	selectable
Constant light regulation	No

SETTINGS

Twilight switch	Yes
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Twilight setting	2 – 1000 lx
Time setting	5 s – 60 Min.
Base light function	No
Main light adjustable	No
Functions	Motions sensor Adjustable fade time when switching on and off Capture zone definition Feedback indicator Night economy mode Normal / test mode Neighbouring group function Relay output Light sensor
Settings via	Smartphone Tablet Bluetooth Mesh App
With remote control	No
Twilight setting teach	Yes

HOUSING & MATERIAL

Protection class (IP)	IP54
Ambient temperature	from -20 up to 40 °C
Mounting location	wall
Application location	Outdoors
Mounting type	Surface wiring
Material	Plastic
Application room	outdoors garden front door courtyard & driveway all round the building terrace / balcony corridor / aisle Indoors
Colour	Anthracite
RAL colour	7039

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	5 years
Corner wall bracket included	No

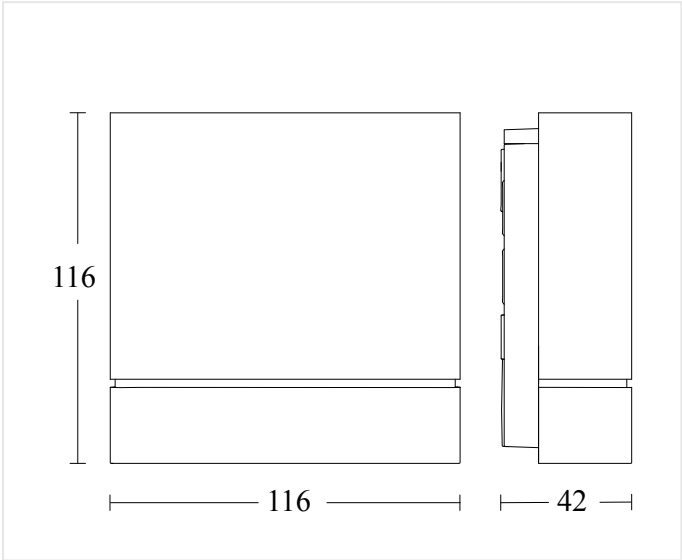
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Illustrations

TECHNICAL DRAWINGS



42 x 116 x 116 mm

MOUNTING HEIGHT

1,80 – 2,5 m BEREICH	2 m OPTIMAL	2,50 m MAX
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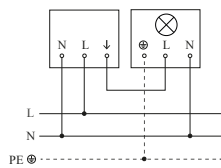
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Wiring Diagrams

WIRING DIAGRAM 1



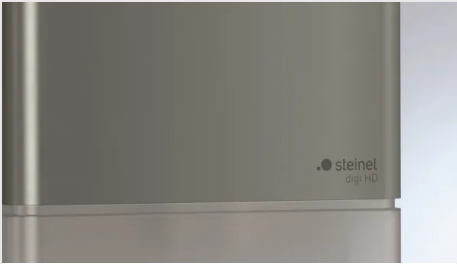
Master circuit diagram with switched luminaire

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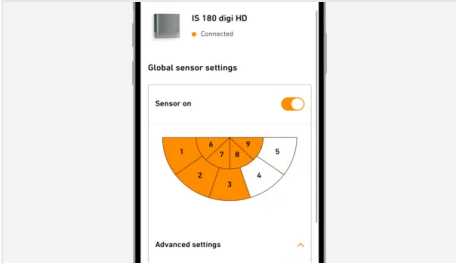
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Highlights



UV resistant material



Operatable via app

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Accessories

ARTICLE NUMBER	DESCRIPTION	CATEGORY
 4007841067335	Relais REL5A-Bluetooth	System components
 4007841067342	Tasterkoppler PC4-Bluetooth	System components

ORDERING INFORMATION

Art.-Nr.

066079

EAN

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Typ

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neva

lux

nevalux AG

Neugrütstrasse 2

8610 Uster

+41 44 508 78 78

info@nevalux.swiss