MD IR D180 COM1 - white

MOTION DETECTOR

EAN 4007841066109
E-Nr. 535946000

- 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

steinel

42 x 116 x 116 mm



MD IR D180 COM1 - white

MOTION DETECTOR

EAN 4007841066109
E-Nr. 535946000

Technical Data

IDENTIFICATION

Version	Motion detectors

DIMENSIONS

Dimensions L × W × H	42 x 116 x 116 mm

ELECTRICAL

Mains connection	230 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

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	1,8 – 2,5 m
Optimal mounting height	2,0 m

CONNECTIVITY

Networking	Yes
Control technology	Steinel Connect
Wireless networking via	BT SIG Mesh
Networking via	Bluetooth Mesh

LIGHTING TECHNOLOGY

Soft light start	No
Continuous light	selectable
Constant light regulation	No

SETTINGS

Twilight switch	Yes
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	App, Smartphone, Tablet, Bluetooth
With remote control	No
Twilight setting teach	Yes

HOUSING & MATERIAL

Protection class (IP)	IP54
Ambient temperature	-20...+40 °C
Mounting location	Wall
Application location	Outdoors
Mounting type	Surface mounting
Material	Plastic
Application room	Indoors, all round the building, corridor / aisle, courtyard & driveway, front door, garden, outdoors, terrace / balcony
Colour	White
RAL colour	9003

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	5 years
Corner wall bracket included	No

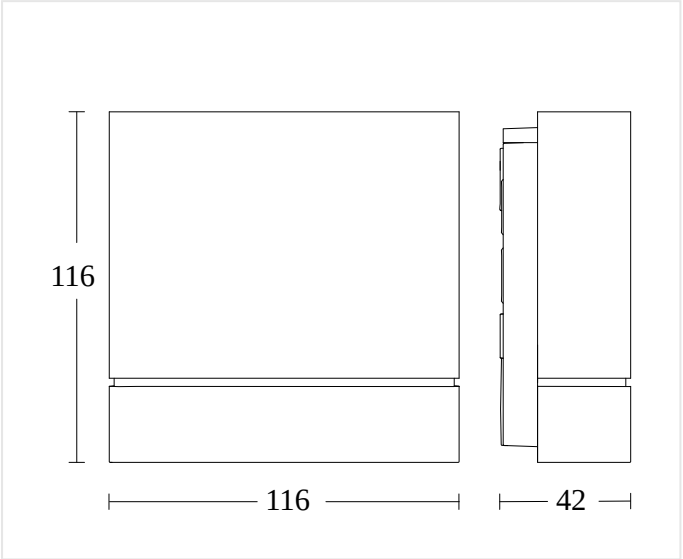
MD IR D180 COM1 - white

MOTION DETECTOR

EAN **4007841066109**
E-Nr. **535946000**

Illustrations

TECHNICAL DRAWINGS



42 x 116 x 116 mm

MOUNTING HEIGHT

1,8 – 2,5 m	2,0 m	2,50 m
BEREICH	OPTIMAL	MAX

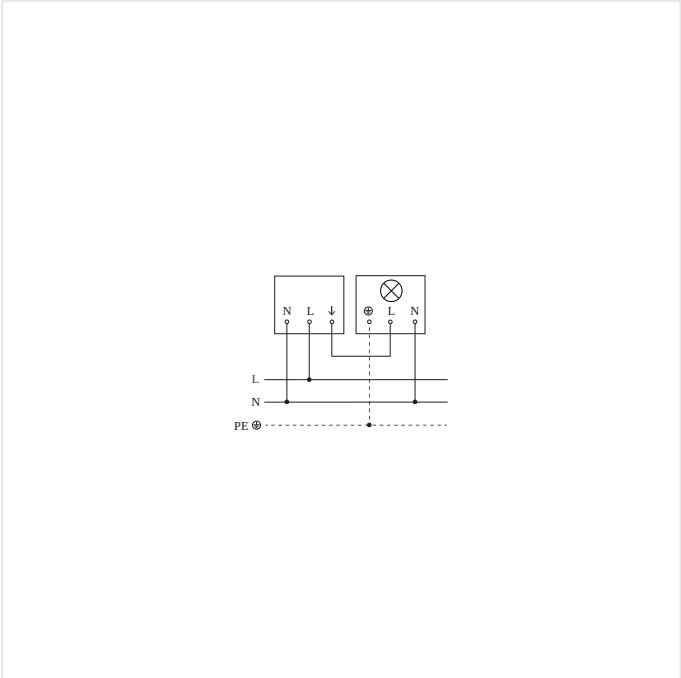
MD IR D180 COM1 - white

MOTION DETECTOR

EAN 4007841066109
E-Nr. 535946000

Wiring Diagrams

WIRING DIAGRAM 1



Master circuit diagram with switched luminaire

MD IR D180 COM1 - white

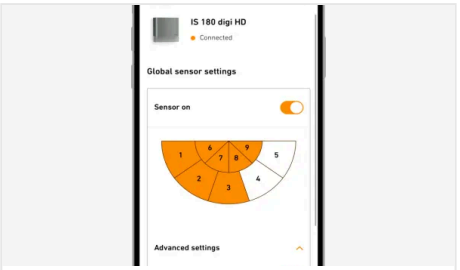
MOTION DETECTOR

EAN 4007841066109
E-Nr. 535946000

Highlights



UV resistant material



Operatable via app

MD IR D180 COM1 - white

MOTION DETECTOR

EAN **4007841066109**
E-Nr. **535946000**

Accessories

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

ORDERING INFORMATION

Art.-Nr.	066109
EAN	4007841066109
E-Number	535946000
Typ	**MD IR D180 COM1 - white**

nevalux AG
Neugrütstrasse 2
8610 Uster
+41 44 508 78 78
info@nevalux.swiss