MD IR D180 COM1 - anthracite

MOTION DETECTOR

EAN 4007841066079
E-Nr. 535941410

- 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 - anthracite

MOTION DETECTOR

EAN **4007841066079**
E-Nr. **535941410**

Technical Data

IDENTIFICATION

Version	**Motion detectors**

DIMENSIONS

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

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**

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**

CONNECTIVITY

Networking	**Yes**
Control technology	**Steinel Connect**
Wireless networking via	**BT SIG 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	**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	**Indoors all round the building corridor / aisle courtyard & driveway front door garden outdoors terrace / balcony**
Colour	**Anthracite**
RAL colour	**7039**

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	**5 years**
Corner wall bracket included	**No**

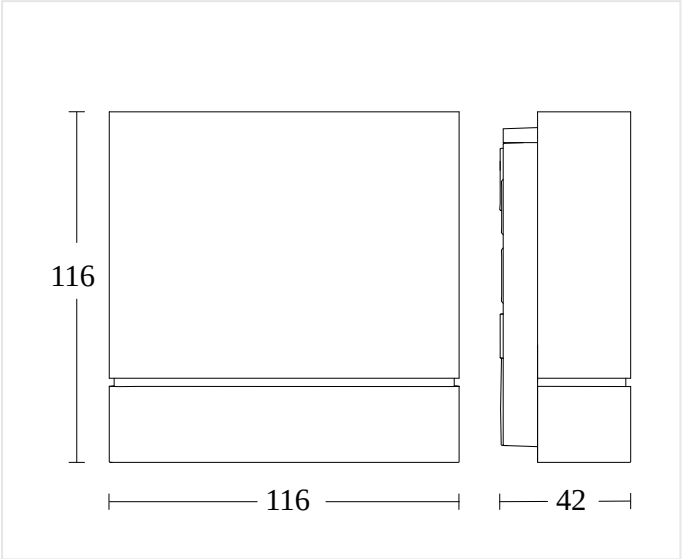
MD IR D180 COM1 - anthracite

MOTION DETECTOR

EAN **4007841066079**
E-Nr. **535941410**

Illustrations

TECHNICAL DRAWINGS



42 x 116 x 116 mm

MOUNTING HEIGHT

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

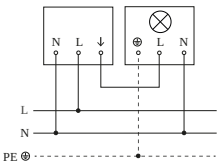
MD IR D180 COM1 - anthracite

MOTION DETECTOR

EAN 4007841066079
E-Nr. 535941410

Wiring Diagrams

WIRING DIAGRAM 1



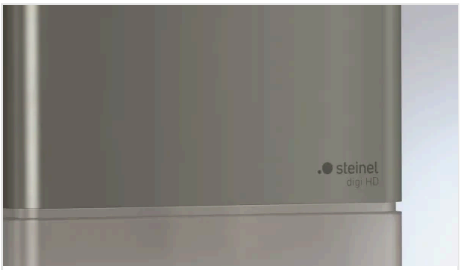
Master circuit diagram with switched luminaire

MD IR D180 COM1 - anthracite

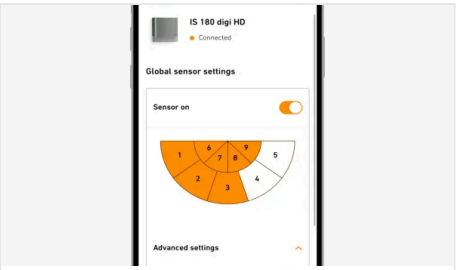
MOTION DETECTOR

EAN **4007841066079**
E-Nr. **535941410**

Highlights



UV resistant material



Operatable via app

MD IR D180 COM1 - anthracite

MOTION DETECTOR

EAN **4007841066079**
E-Nr. **535941410**

Accessories

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

ORDERING INFORMATION

Art.-Nr.	066079
EAN	4007841066079
E-Number	535941410
Typ	**MD IR D180 COM1 - anthracite**

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