

# MD IR D180 COM1 - anthracite

## MOTION DETECTOR

neva  
lux

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



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Technical Data

|                                              |                          |                              |                                                                                                                                                                                                      |
|----------------------------------------------|--------------------------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IDENTIFICATION                               |                          |                              |                                                                                                                                                                                                      |
| Version                                      | Motion detectors         |                              |                                                                                                                                                                                                      |
| DIMENSIONS                                   |                          |                              |                                                                                                                                                                                                      |
| Dimensions L x W x 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                                                                                                                                                                                                  |
|                                              |                          | 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                 | 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                                                                                                                                                                                                   |

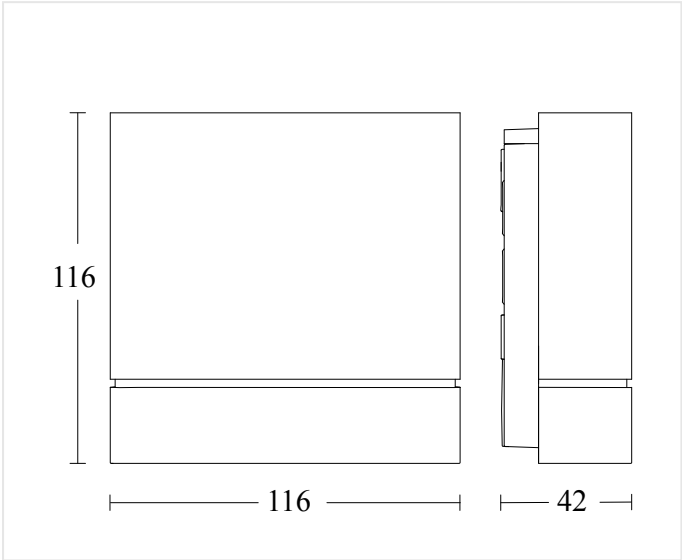
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Illustrations

TECHNICAL DRAWINGS



42 x 116 x 116 mm

MOUNTING HEIGHT

|                         |                |               |
|-------------------------|----------------|---------------|
| 1,80 – 2,5 m<br>BEREICH | 2 m<br>OPTIMAL | 2,50 m<br>MAX |
|-------------------------|----------------|---------------|

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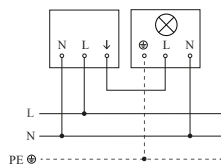
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## Wiring Diagrams

### WIRING DIAGRAM 1



Master circuit diagram with switched luminaire

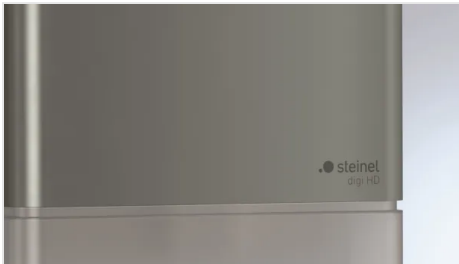
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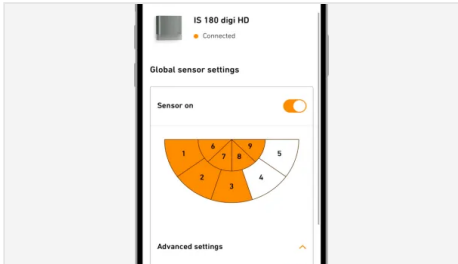
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Highlights



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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E-Number

535941410

Typ

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