

MD IR D180

COM1 - white

EAN 4007841 066109

Article number 066109



2000 W

max. 2000 W



infrared sensor
180°



Infrared sensor 90°



max. 9 m



Ideal 2 m



2 - 1000 lux



5 sec - 60 min



manual override



IP54

Teach

Teach mode

Function description

The first digitally adjustable infrared sensor for outdoors. The MD IR D180 motion detector blends inconspicuously into any surroundings thanks to its flat design and discreet lens design. What is striking about it is the groundbreaking technology: the sensor area does not have to be scanned first, which is time-consuming. The nine detection zones and the sensor sensitivity can be conveniently adjusted digitally. Irrespective of the walking direction, the 180-degree sensor detects tangential and 6 m radial movements equally well in a radius of up to 9 m. The sensor can also be used to detect other movements. Setting, operation and networking via STEINEL Connect App and Bluetooth.

Technical specifications

Dimensions (L x W x H)	42 x 116 x 116 mm
With motion detector	Yes
Manufacturer's Warranty	5 years
Settings via	Smartphone, Tablet, Connect Bluetooth Mesh, App
With remote control	No
Version	COM1 - white
PU1, EAN	4007841066109
Type	Motion detectors
Application, place	Outdoors
Application, room	outdoors, garden, front door, courtyard & driveway, all round the building, terrace / balcony, corridor / aisle, Indoors
Colour	white
Colour, RAL	9003
Includes corner wall mount	No

LED lamps > 2 W < 8 W	250 W
LED lamps > 8 W	500 W
Capacitive load in µF	176 µF
Power consumption	0,6 W
Technology, sensors	passive infrared, Light sensor
Mounting height	1,80 - 2,5 m
Mounting height max.	2,50 m
Optimum mounting height	2 m
Detection angle	180 °
Angle of aperture	90 °
Sneak-by guard	Yes
Capability of masking out individual segments	Yes
Electronic scalability	Yes
Mechanical scalability	No
Reach, radial	r = 6 m (57 m²)

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Technical specifications

Installation site	wall
Installation	Surface wiring, Wall
IP-rating	IP54
Ambient temperature	from -20 up to 40 °C
Material	Plastic
Mains power supply	220 – 240 V / 50 – 60 Hz
Switching output 1, resistive	2000 W
Switching output 1, floating	No
Fluorescent lamps, electronic ballast	500 W
Fluorescent lamps, uncorrected	1000 VA
Fluorescent lamps, series-corrected	400 VA
Fluorescent lamps, parallel-corrected	400 VA
Switching output 1, low-voltage halogen lamps	2000 VA
LED lamps < 2 W	100 W

Reach, tangential	r = 9 m (127 m ²)
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
Twilight setting	2 – 1000 lx
Time setting	5 s – 60 Min.
Basic light level function	No
Main light adjustable	No
Twilight setting TEACH	Yes
Constant-lighting control	No
Interconnection	Yes
Interconnection via	Bluetooth Mesh
Product category	Motion detector

Accessories

EAN 4007841 084653	Wireless push button PB2-Bluetooth
EAN 4007841 084660	Wireless push button PB4-Bluetooth

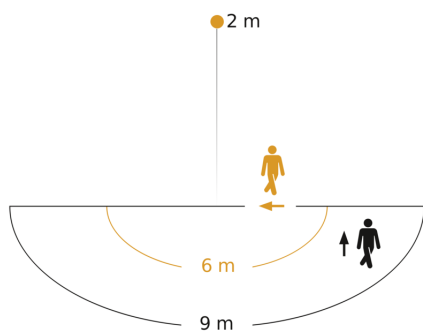
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Detection Zone

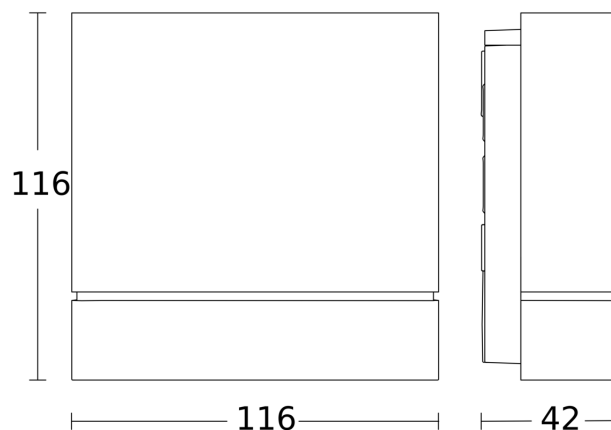


Possible mounting height: 1,80 m - 2,50 m

Orange: radial

Black: tangential

Dimension Drawing



Master circuit diagram with switched luminaire

