

MD IR D180

COM1 - white
 EAN 4007841 066109
 Article number 066109



2000 W									Teach
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 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	LED lamps < 2 W	100 W
With motion detector	Yes	LED lamps > 2 W < 8 W	250 W
Manufacturer's Warranty	5 years	LED lamps > 8 W	500 W
Settings via	Smartphone, Tablet, Bluetooth Mesh, App	Capacitive load in µF	176 µF
With remote control	No	Power consumption	0,6 W
Version	COM1 - white	Technology, sensors	passive infrared, Light sensor
PU1, EAN	4007841066109	Mounting height	1,80 – 2,5 m
Type	Motion detectors	Mounting height max.	2,50 m
Application, place	Outdoors	Optimum mounting height	2 m
Application, room	outdoors, garden, front door, courtyard & driveway, all round the building, terrace / balcony, corridor / aisle, Indoors	Detection angle	180 °
Colour	white	Angle of aperture	90 °
Colour, RAL	9003	Sneak-by guard	Yes
Includes corner wall mount	No	Capability of masking out individual segments	Yes
		Electronic scalability	Yes
		Mechanical scalability	No

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Technical specifications

Installation site	wall
Package content	1
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

Reach, radial	r = 6 m (57 m ²)
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

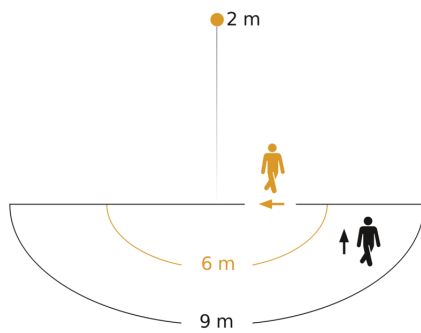
Accessories

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

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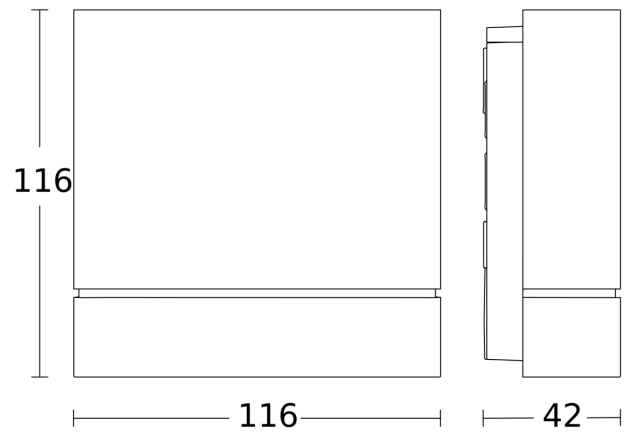
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Detection Zone



Possible mounting height: 1,80 m - 2,50 m
Orange: radial
Black: tangential

Dimension Drawing



Master circuit diagram with switched luminaire

