

# 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 < 8 W	250 W
With motion detector	Yes	LED lamps > 8 W	500 W
Manufacturer's Warranty	5 years	Capacitive load in µF	176 µF
Settings via	Smartphone, Tablet, Connect Bluetooth Mesh, App	Power consumption	0,6 W
With remote control	No	Technology, sensors	passive infrared, Light sensor
Version	COM1 - white	Mounting height	1,80 – 2,5 m
PU1, EAN	4007841066109	Mounting height max.	2,50 m
Type	Motion detectors	Optimum mounting height	2 m
Application, place	Outdoors	Detection angle	180 °
Application, room	outdoors, garden, front door, courtyard & driveway, all round the building, terrace / balcony, corridor / aisle, Indoors	Angle of aperture	90 °
Colour	white	Sneak-by guard	Yes
Colour, RAL	9003	Capability of masking out individual segments	Yes
Includes corner wall mount	No	Electronic scalability	Yes
		Mechanical scalability	No
		Reach, radial	r = 6 m (57 m <sup>2</sup> )

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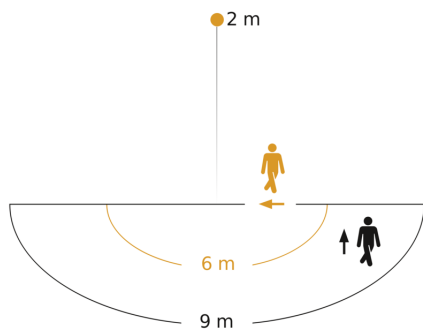
Installation site	wall
Installation	Surface wiring, Wall
IP-rating	IP54
Ambient temperature	-20 – 40 °C
Material	Plastic
Mains power supply	220 – 240 V / 50 – 60 Hz
Switching output 1, resistive	2000 W
Switching output 1, floating	No
Fluorescent lamps, electronic ballast	500 W
Fluorescent lamps, uncorrected	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 <sup>2</sup> )
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 Connect
Product category	Motion detector

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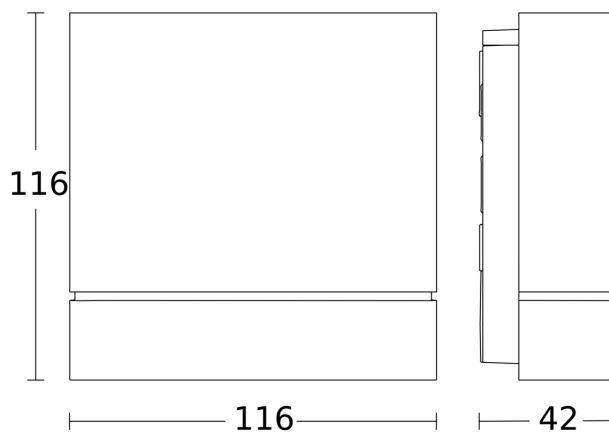
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## Detection Zone



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

## Dimension Drawing



## Master circuit diagram with switched luminaire

