

# IS 180 digi HD

COM1 - anthracite  
 EAN 4007841 066079  
 Article number 066079



2000 W									Teach
2000 W max. (LED-ready)	infrared sensor 180°	detection 9 zones	max. 9 m	Ideal 2 m	2 - 1000 lux	IP54	5 sec - 60 min	manual override	Teach mode

## Function description

The first digitally adjustable infrared sensor for outdoors. The IS 180 digi HD 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, Connect Bluetooth Mesh, App	Capacitive load in µF	176 µF
With remote control	No	Power consumption	0,6 W
Version	COM1 - anthracite	Technology, sensors	passive infrared, Light sensor
PU1, EAN	4007841066079	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	Anthracite	Angle of aperture	90 °
Colour, RAL	7039	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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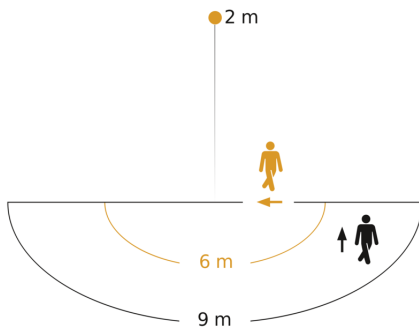
Installation site	wall
Installation	Surface wiring, Wall
IP-rating	IP54
Ambient temperature	-20 – 40 °C
Material	Plastic
Mains power supply	220 – 240 V / 50 – 60 Hz
Switching output 1, resistive	2000 W
Switching output 1, floating	No
Fluorescent lamps, electronic ballast	500 W
Fluorescent lamps, uncorrected	1000 VA
Fluorescent lamps, series-corrected	400 VA
Fluorescent lamps, parallel-corrected	400 VA
Switching output 1, low-voltage halogen lamps	2000 VA

Reach, radial	r = 6 m (57 m <sup>2</sup> )
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

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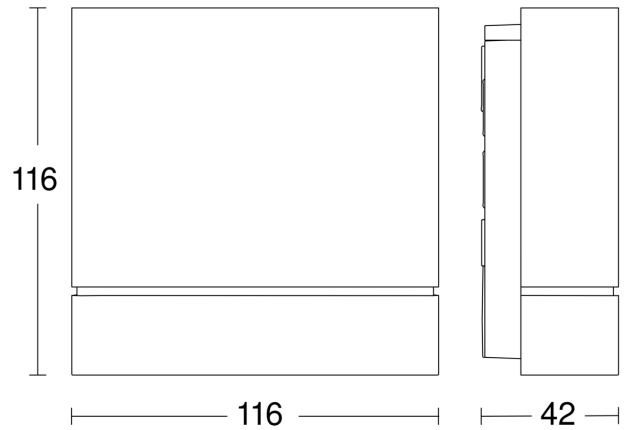
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## Detection Zone



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

## Dimension Drawing



## Master circuit diagram with switched luminaire

