

IR 180

COM1 - white

EAN 4007841 029944



infrared sensor
180°



max. 20 m

2000w

max. 2000 W



IP20



2 - 1000 lux



30 sec - 30 min



indoor sensor



energy saving



manufacturer's
warranty
steinel-professional.de/garantie



CE

Function description

The new benchmark. High-precision IR 180 infrared presence sensor with a reach of 20 m. Ideal for new builds. 180° angle of coverage. Fast and easy 3-wire installation. Attractive design. Integrated button for manual override. The KNX version also provides temperature and air humidity readings.

Technical specifications

Type	Presence detector
Dimensions (L x W x H)	80 x 80 x 21 mm
Mains power supply	220 – 240 V / 50 – 60 Hz
Sensor Technology	passive infrared
Application, place	Indoors
Application, place, room	One-person office, corridor, aisle, side room, stairwell, washroom, wc, equipment room
Installation site	wall
Type of installation	Concealed wiring
Switching zones	96 switching zones
Electronic scalability	Yes
Mechanical scalability	No
Mounting height	1,10 – 1,20 m
Optimum mounting height	1,2 m
Detection angle	180 °
Angle of aperture	90 °
Sneak-by guard	Yes
Reach, radial	r = 4 m (25 m²)
Reach, tangential	r = 20 m (628 m²)

Reach, presence	r = 4 m (25 m²)
Twilight setting TEACH	Yes
Twilight setting	10 – 1000 lx
Time setting	30 s – 30 Min.
Switching output 1, resistive	2000 W
Switching output 1, number of LEDs / fluorescent lamps	8 pcs.
Constant-lighting control	No
Basic light level function	No
With remote control	No
Interconnection	Yes
IP rating	IP20
Material	Plastic
Ambient temperature	0 – 40 °C
Colour	white
Colour, RAL	9010
Manufacturer's Warranty	5 years
Version	COM1 - white
PU1, EAN	4007841029944

Presence Switch

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Accessories

EAN 4007841 034160 Adapter surround for IR/HF 180

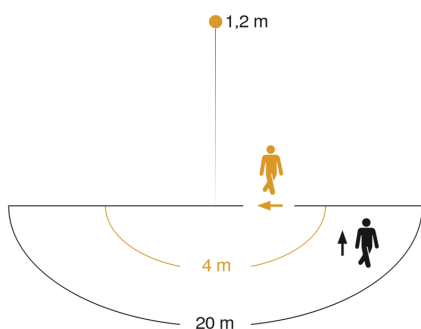
EAN 4007841 034184 Adapter surround for IR/HF 180

EAN 4007841 034139 Adapter surround for IR/HF 180

EAN 4007841 559410 Service remote control RC8

EAN 4007841 009151 Remote control Smart Remote

Detection Zone

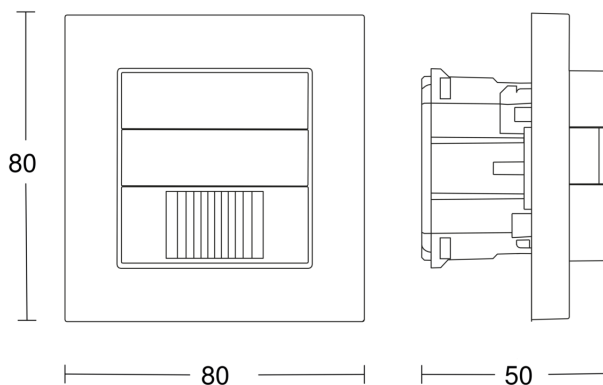


Mögliche Montagehöhe: 1,10 m – 1,20 m

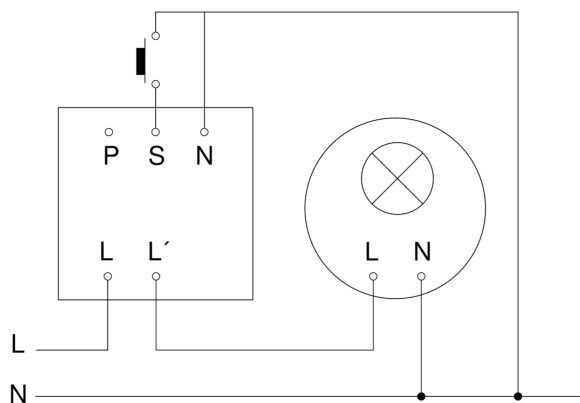
Orange: radial

Schwarz: tangential

Dimension Drawing



Master circuit diagram



Presence Switch

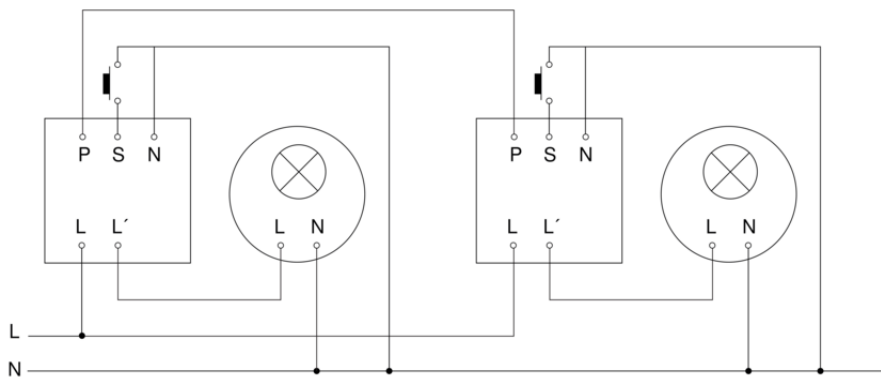
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Master/master interconnection circuit diagram



Master/slave interconnection circuit diagram

