IR 180

V3 KNX - white
EAN 4007841 058463
Article number 058463

. **steinel**

infrared sensor 180°	max. 20 m	IP20	2 - 1000 lux	30 sec - 30 min	indoor sensor	energy saving	5 years — manufacturer's warranty steinel-professional.de/garantie	CE	VDE

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

Dimensions (L x W x H)	50 x 80 x 80 mm	Optimum mounting height	1,1 m
With motion detector	Yes	Detection angle	180 °
Manufacturer's Warranty	5 years	Angle of aperture	90 °
Settings via	ETS software, Remote control, Bus, Smart Remote	Sneak-by guard	Yes
With remote control	Yes	Capability of masking out individual segments	No
Version	KNX - white	Electronic scalability	Yes
PU1, EAN	4007841058463	Mechanical scalability	No
Type	Presence detector	Reach, radial	r = 4 m (25 m^2)
Application, place	Indoors	Reach, tangential	r = 12 m (226 m^2)
Application, room	one-person office, corridor / aisle, function room / ancillary room, kitchenette, stairwell, WC / washroom, Indoors	Reach, presence	r = 4 m (25 m^2)
		Switching zones	96 switching zones
		Functions	Presence detector logic
Colour	white	Twilight setting	2 – 1000 lx
Colour, RAL	9010	Time setting	60 s – 255 Min.
Includes corner wall mount	No	Basic light level function	Yes
Installation site	wall	Main light adjustable	0 - 100 %
Installation	Concealed wiring, Wall	Twilight setting TEACH	Yes

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Technical specifications

IP-rating	IP20	Constant-lighting control	Yes
Ambient temperature	0 – 40 °C	KNX functions	Photo-cell controller, Basic light level function, Light level, HVAC output, Constant-lighting control, Light output 4x, Air pressure, Humidity output, Presence output, Day / night function, Dewpoint, Temperature output, Logic gate
Material	Plastic		
Mains power supply	30 V		
Power consumption	0,7 W		
With bus coupling	Yes		
Technology, sensors	passive infrared, Light sensor, Temperature, Air humidity	Interconnection	Yes
		Type of interconnection	Master/master, Master/slave
Mounting height	1,10 m	Interconnection via	KNX bus
Mounting height max.	1,10 m	Rated current	12 mA

Accessories

EAN 4007841 034146	Adapter frame for IR/HF 180
EAN 4007841 034177	Adapter frame for IR/HF 180
EAN 4007841 034153	Adapter frame for IR/HF 180
EAN 4007841 593018	Service remote control RC6 KNX
EAN 4007841 592912	User remote control RC7 KNX

Detection Zone

1,1 m

4 m

12 m
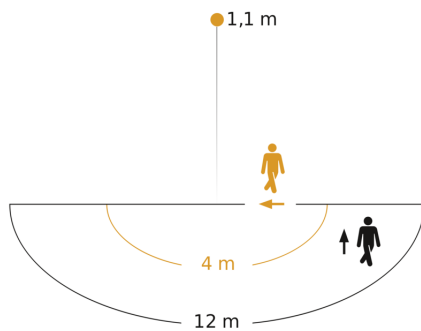
Possible mounting height: 1,10 m – 1,10 m
Orange: radial
Black: tangential

Dimension Drawing

80

80

50