

# True Presence

COM1 - surface black  
 EAN 4007841 068493  
 Article number 068493



high frequency sensor 360°



Movement Ø 15 m



Presence Ø 15 m



True Presence Ø 9 m

2000 W

2000 W max. (LED-ready)



2 - 12 m



20 sec - 60 min



IP54

5 years

manufacturer's warranty steinel-professional.de/garantie



CE

## Function description

The world's first true presence detector! No unnecessary stay-ON times any more – no unnecessary electricity costs. Precision high-frequency measurement of the surrounding area provides 100 per-cent reliable detection. The True Presence detector reliably identifies whether persons are present or absent over an area of 64 m<sup>2</sup> – on the basis of the body's micro movements as well as human vital functions, such as breathing in and out, or shoulder movement. The new standard in building automation. Easy to control via app and Bluetooth. Light measurement is not possible with the black sensors. An external light meter must be integrated via Bluetooth or KNX for this purpose.

## Technical specifications

Dimensions (L x W x H)	45 x 123 x 123 mm	Mounting height	2,00 – 12,00 m
With motion detector	Yes	Mounting height max.	12,00 m
Manufacturer's Warranty	5 years	Optimum mounting height	2,8 m
Settings via	Bluetooth	Montagehöhe max. True Presence Erfassung	4,00 m
With remote control	No	HF-system	7,2 GHz
Version	COM1 - surface black	Detection	also through glass, wood and stud walls
PU1, EAN	4007841068493	Detection angle	360 °
Type	Presence detector	Angle of aperture	160 °
Application, place	Indoors	Sneak-by guard	Yes
Application, room	classroom, lecture hall, one-person office, open-plan office, high-bay warehouse, production facilities, conference room / meeting room, hotel room, care room, duty room, recreation room, dining hall / staff restaurant, changing room, kitchenette, sports hall, reception / lobby, WC / washroom, warehouse, Indoors	Capability of masking out individual segments	No
		Electronic scalability	Yes
		Mechanical scalability	No
		Reach, radial	Ø 15 m (177 m <sup>2</sup> )

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## Technical specifications

Colour	black
Colour, RAL	9005
Includes corner wall mount	No
Installation site	ceiling
Installation	Surface wiring, Ceiling
IP-rating	IP54
Ambient temperature	-20 – 50 °C
Material	Plastic
Mains power supply	220 – 240 V / 50 – 60 Hz
Switching output 1, resistive	2000 W
Switching output 1, number of LEDs / fluorescent lamps	8 pcs.
Switching output 1, floating	No
Switching output 1, low-voltage halogen lamps	2000 VA
Power consumption	1 W
Technology, sensors	High frequency, Light sensor

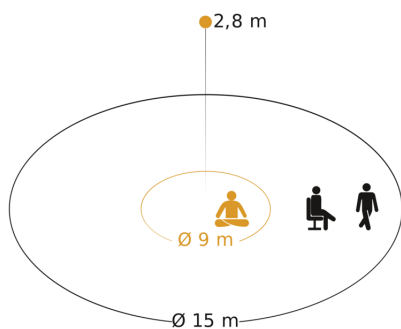
Reach, tangential	Ø 15 m (177 m <sup>2</sup> )
Reach, presence	Ø 15 m (177 m <sup>2</sup> )
True Presence reach	Ø 9 m (64 m <sup>2</sup> )
Transmitter power	< 1 mW
Time setting	20 s – 60 Min.
Basic light level function	No
Main light adjustable	No
Twilight setting TEACH	No
Constant-lighting control	No
Interconnection	Yes
Type of interconnection	Master/master, Master/slave
Interconnection via	Bluetooth

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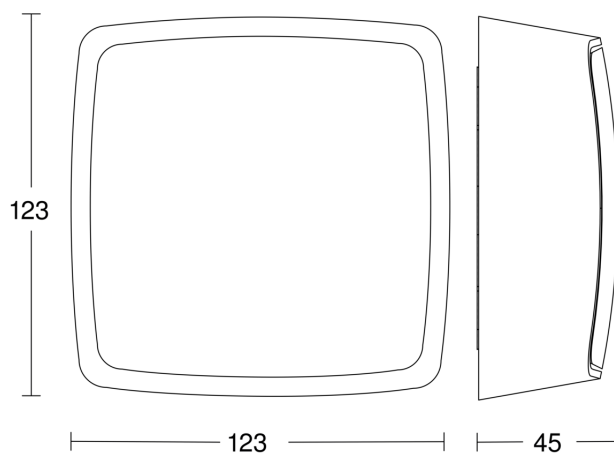


## Detection Zone



Possible mounting height: 2,00 m - 12,00 m  
Orange: True Presence  
Black: movement and presence

## Dimension Drawing



## Master circuit diagram

