Presence detector - Professional Line

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^2 – 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.

Technical specifications

Dimensions (L x W x H)	45 x 123 x 123 mm
With motion detector	Yes
Manufacturer's Warranty	5 years
Settings via	Bluetooth
With remote control	No
Version	COM1 - surface black
PU1, EAN	4007841068493
Type	Presence detector
Application, place	Indoors
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

Mounting height	2,00 – 12,00 m
Mounting height max.	12,00 m
Optimum mounting height	2,8 m
Montagehöhe max. True Presence Erfassung	4,00 m
HF-system	7,2 GHz
Detection	also through glass, wood and stud walls
Detection angle	360 °
Angle of aperture	160 °
Sneak-by guard	Yes
Capability of masking out individual segments	No
Electronic scalability	Yes
Mechanical scalability	No
Reach, radial	Ø 15 m (177 m^2)
Reach, tangential	Ø 15 m (177 m^2)

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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

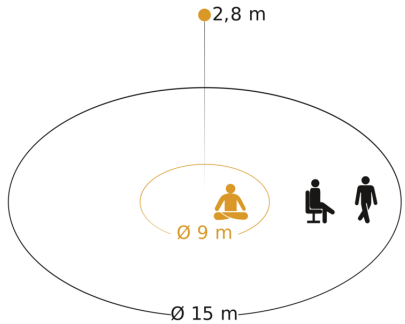
Reach, presence	Ø 15 m (177 m^2)
True Presence reach	Ø 9 m (64 m^2)
Transmitter power	< 1 mW
Time setting	20 s – 60 Min.
Basic light level function	No
Main light adjustable	No
Twilight setting TEACH	No
Constant-lighting control	No
Interconnection	Yes
Type of interconnection	Master/master, Master/slave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

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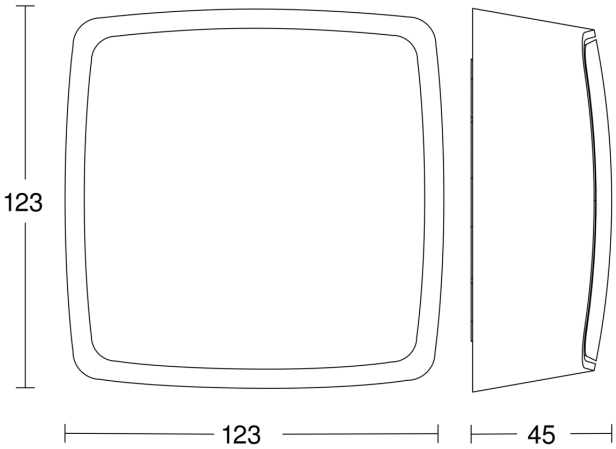
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Detection Zone



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

Dimension Drawing



Master circuit diagram

