

True Presence

COM1 - in-ceiling installation white
EAN 4007841 079444
Article number 079444



high frequency
sensor 360°



Movement Ø 15 m



Presence Ø 15 m



True Presence Ø 9
m



brightness

2000 W

2000 W max. (LED-
ready)



2 - 12 m



2 - 2000 lux



20 sec - 60 min



IP20

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 m² – 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) | 89 x 103 x 103 mm |
| With motion detector | Yes |
| Manufacturer's Warranty | 5 years |
| Settings via | Bluetooth |
| With remote control | No |
| Version | COM1 - in-ceiling installation white |
| PU1, EAN | 4007841079444 |
| 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 max. | 12,00 m |
| Optimum mounting height | 2,8 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) |
| Reach, presence | Ø 15 m (177 m ²) |
| True Presence reach | Ø 9 m (64 m ²) |
| Transmitter power | < 1 mW |

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Technical specifications

| | |
|--|----------------------------------|
| Colour | white |
| Colour, RAL | 9003 |
| Includes corner wall mount | No |
| Installation site | ceiling |
| Installation | In-ceiling installation, Ceiling |
| IP-rating | IP20 |
| 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 |
| Sensor Technology | High frequency |
| Mounting height | 2,00 – 12,00 m |

| | |
|----------------------------|---|
| Functions | Group parameterisation, Semi-/fully automatic, Lighting scenario, Manual ON / ON-OFF, Neighbouring group function, Normal / test mode |
| Twilight setting | 2 – 2000 lx |
| Time setting | 20 s – 60 Min. |
| Basic light level function | No |
| Main light adjustable | No |
| Twilight setting TEACH | Yes |
| Constant-lighting control | No |
| Interconnection | Yes |
| Type of interconnection | Master/master, Master/slave |
| Interconnection via | Bluetooth |

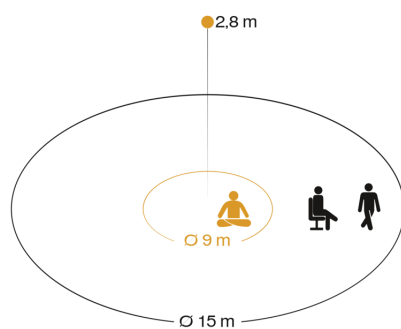
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Detection Zone

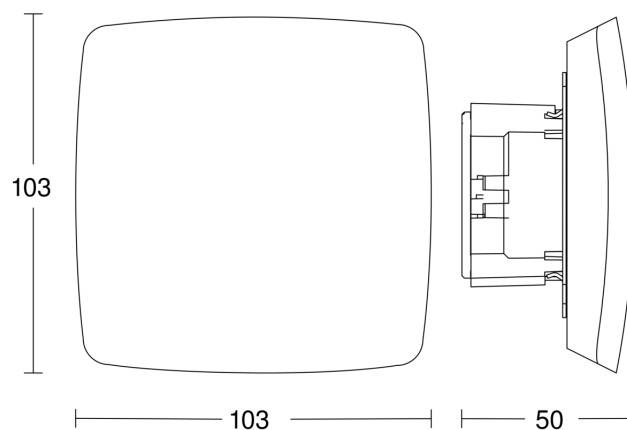


Mögliche Montagehöhe: 2,00 m – 12,00 m

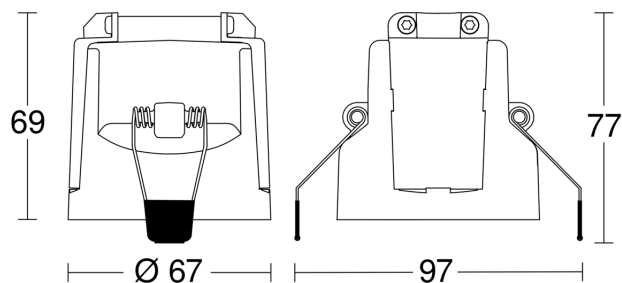
Orange: True Presence

Schwarz: Bewegung und Präsenz

Dimension Drawing 1



Dimension Drawing 2



Master circuit diagram

