

True Presence

COM1 - surface black
 EAN 4007841 085513
 Article number 085513



high frequency sensor 360°



Movement Ø 15 m



Presence Ø 15 m



True Presence Ø 9 m

2000 W

max. 2000 W



2 - 12 m



5 sec - 60 min



IP20

5 years

manufacturer's warranty steinel.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 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. 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 max. | 12,00 m |
| With motion detector | Yes | Optimum mounting height | 2,8 m |
| Manufacturer's Warranty | 5 years | Montagehöhe max. True Presence Erfassung | 4,00 m |
| Settings via | Bluetooth Mesh | HF-system | 7,2 GHz |
| With remote control | No | Detection | also through glass, wood and stud walls |
| Version | COM1 - surface black | Detection angle | 360 ° |
| PU1, EAN | 4007841085513 | Angle of aperture | 160 ° |
| Type | Presence detector | Sneak-by guard | Yes |
| Application, place | Indoors | Capability of masking out individual segments | No |
| 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 | 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

COM1 - surface black
 EAN 4007841 085513
 Article number 085513



Technical specifications

| | |
|--|------------------------------|
| Colour | black |
| Colour, RAL | 9005 |
| Includes corner wall mount | No |
| Installation site | ceiling |
| Installation | Surface wiring, Ceiling |
| IP-rating | IP54 |
| Ambient temperature | from -20 up to 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 |
| Mounting height | 2,00 – 12,00 m |

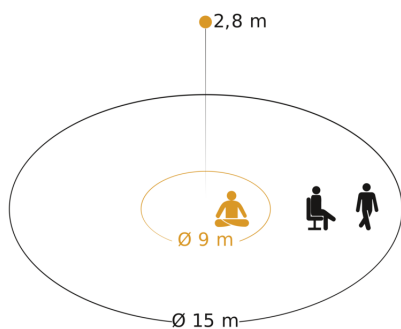
| | |
|----------------------------|-----------------------------|
| True Presence reach | Ø 9 m (64 m ²) |
| Transmitter power | < 1 mW |
| Twilight setting | 2 – 2000 lx |
| Time setting | 20 s – 60 Min. |
| Basic light level function | No |
| Main light adjustable | No |
| Twilight setting TEACH | No |
| Constant-lighting control | No |
| Interconnection | Yes |
| Type of interconnection | Master/master, Master/slave |
| Interconnection via | Bluetooth Mesh |
| Product category | Presence detector |

True Presence

COM1 - surface black
EAN 4007841 085513
Article number 085513

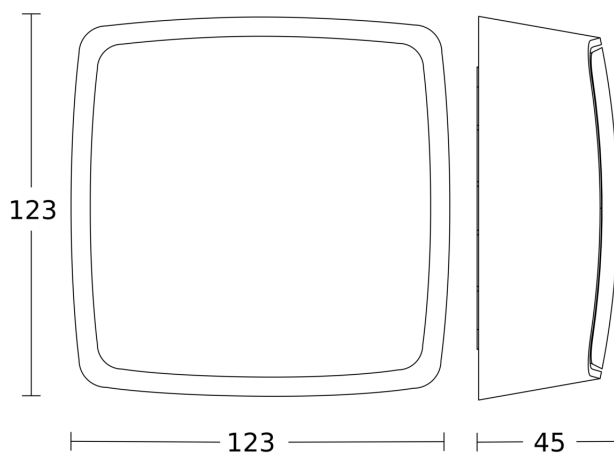


Detection Zone



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

Dimension Drawing



Master circuit diagram

