

# True Presence

DALI-2 Input Device - surface  
 EAN 4007841 064501  
 Article number 064501



high frequency sensor 360°



Movement Ø 15 m



Presence Ø 15 m



True Presence Ø 9 m



2 - 12 m



brightness



temperature



air humidity

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 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.

## Technical specifications

With motion detector	Yes
Manufacturer's Warranty	5 years
Settings via	Bluetooth, Bus
With remote control	No
Version	DALI-2 Input Device - surface
PU1, EAN	4007841064501
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
Colour	white

Optimum mounting height	2,8 m
Montagehöhe max. True Presence Erfassung	4,00 m
HF-system	7,2 GHz
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 <sup>2</sup> )
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
Twilight setting	2 – 2000 lx

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## Technical specifications

Colour, RAL	9003
Includes corner wall mount	No
Installation site	ceiling
Installation	Surface wiring, Ceiling
IP-rating	IP20
Ambient temperature	from -20 up to 50 °C
Material	Plastic
Mains power supply	220 – 240 V
Number of Dali users	1
Control output, Dali	Addressable/slave
With bus coupling	Yes
Technology, sensors	High frequency, Light sensor, Temperature, Air humidity
Mounting height	2 – 12 m
Mounting height max.	12,00 m

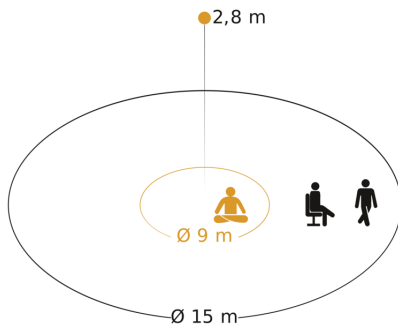
Basic light level function	No
Main light adjustable	No
Twilight setting TEACH	No
Constant-lighting control	No
Interconnection	Yes
Interconnection via	Bluetooth Mesh
Max. Current consumption according to IEC 62386-101	2 mA
Product category	Presence detector

# True Presence

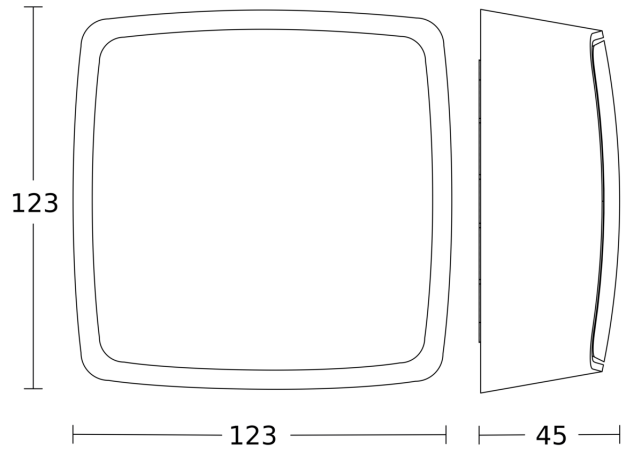
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## Detection Zone



## Dimension Drawing



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

## Circuit diagram for interconnecting DALI-2 APC with DALI-2 IPD

