True Presence

DALI-2 APC - surface
EAN 4007841 057954
Article number 057954

steinel

high frequency sensor 360°	Movement Ø 15 m	Presence Ø 15 m	True Presence Ø 9 m	brightness	2 - 12 m	2 - 2000 lux	20 sec - 60 min	Application Controller	IP54

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)	45 x 123 x 123 mm		HF-system	7,2 GHz
With motion detector	Yes		Detection	also through glass, wood and stud walls
Manufacturer's Warranty	5 years		Detection angle	360 °
Settings via	Bluetooth		Angle of aperture	160 °
With remote control	No		Sneak-by guard	Yes
Version	DALI-2 APC - surface		Capability of masking out individual segments	No
PU1, EAN	4007841057954		Electronic scalability	Yes
Type	Presence detector		Mechanical scalability	No
Application, place	Indoors		Reach, radial	Ø 15 m (177 m²)
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		Reach, tangential	Ø 15 m (177 m²)
			Reach, presence	Ø 15 m (177 m²)
			True Presence reach	Ø 9 m (64 m²)
			Transmitter power	< 1 mW
			Functions	Selecting programmed lighting scenarios, Semi-/fully automatic, Constant-lighting control ON-OFF,

True Presence

DALI-2 APC - surface
EAN 4007841 057954
Article number 057954

steinel

Technical specifications

Colour	white		Lighting scenario, Manual ON / ON-OFF, Neighbouring group function, Normal / test mode, TouchDIM function	
Colour, RAL	9003			
Includes corner wall mount	No			
Installation site	ceiling		Twilight setting	2 – 2000 lx
Installation	Surface wiring, Ceiling		Time setting	20 s – 60 Min.
IP-rating	IP54		Basic light level function	Yes
Ambient temperature	–20 – 50 °C		Basic light level function time	1–60 min, all night
Material	Plastic		Main light adjustable	10 - 100 %
Mains power supply	220 – 240 V / 50 – 60 Hz		Twilight setting TEACH	Yes
Number of Dali users	64		Constant-lighting control	Yes
Control output, Dali	Addressable / broadcast 64 electronic ballasts		Interconnection	Yes
Sensor Technology	High frequency		Type of interconnection	Master/master, Master/slave
Mounting height	2,00 – 12,00 m		Interconnection via	Bluetooth, DALI bus
Mounting height max.	12,00 m			
Optimum mounting height	2,8 m			

True Presence

DALI-2 APC - surface
EAN 4007841 057954
Article number 057954

steinel

Detection Zone

● 2,8 m

⌀ 9 m

⌀ 15 m
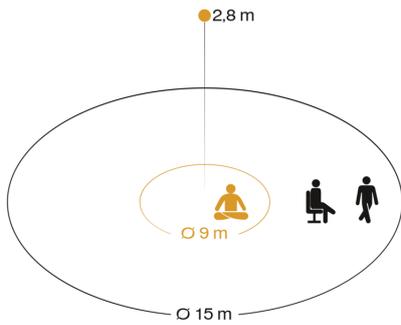
Mögliche Montagehöhe: 2,00 m – 12,00 m
Orange: True Presence
Schwarz: Bewegung und Präsenz

Dimension Drawing

123

123

45

Master circuit diagram

| S | N | L | DALI + - | | DALI L N | EVG DALI + - | | < 50m |

L
N
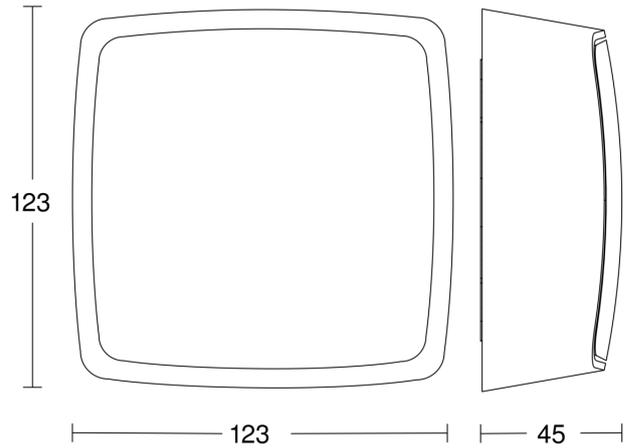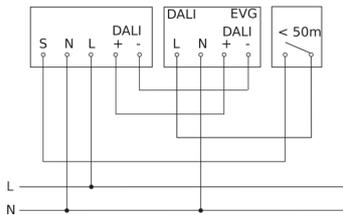
Master/slave interconnection circuit diagram

| S | N | L | DALI + - | | DALI L N | EVG DALI + - | | DALI IPD DALI + - | | < 50m |

L
N