Presence detector

Single US

DIM

EAN 4007841 007980

ultrasonic sensor 180° | 3 x 10 m | 1 - 10 V | max. 2000 W | 10 - 1000 lux | ideal 2,5 - 3,5 m | indoor sensor | Teach mode | IQ-mode | energy saving

Function description

The ideal sensor for small corridors. Single US ultrasonic motion detector, ideal for corridors, thoroughfares and stairwells as well as WC facilities, washrooms and store rooms Detection within 10 m, both radially and tangentially, envelops objects as opposed to penetrating them, detection regardless of temperature, electronically adjustable reach, DIM for controlling and switching light ON and OFF.

Technical specifications

Type	Presence detector
Dimensions (L x W x H)	120 x 120 x 73 mm
Mains power supply	230 V / 50 – 60 Hz
Sensor Technology	Ultrasonic
Application, place	Indoors
Application, place, room	corridor, aisle, stairwell
Installation site	ceiling
Type of installation	Concealed wiring
Ultrasonic technology	40 kHz
Electronic scalability	Yes
Mechanical scalability	No
Mounting height	2,50 – 3,50 m
Optimum mounting height	2,8 m
Detection angle	180 °
Sneak-by guard	Yes
Reach, radial	10 x 3 m (30 m²)
Reach, tangential	10 x 3 m (30 m²)

Twilight setting TEACH	Yes
Twilight setting	100 – 1000 lx
Time setting	30 s – 30 Min.
Number of electronic ballasts, DIM interface	50
Constant-lighting control	Yes
Basic light level function	Yes
With remote control	No
Interconnection	Yes
Type of interconnection	Master/slave, Master/master
IP rating	IP20
Material	Plastic
Ambient temperature	-25 – 55 °C
Colour	white
Colour, RAL	9010
Manufacturer's Warranty	5 years
Version	DIM
PU1, EAN	4007841007980

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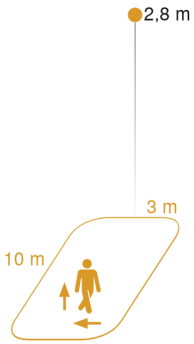
Accessories

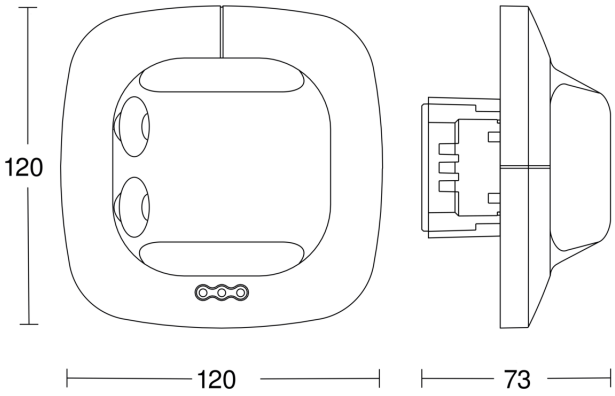
EAN 4007841 009151	Remote control Smart Remote
EAN 4007841 592806	User remote control RC5
EAN 4007841 559410	Service remote control RC8

Detection Zone

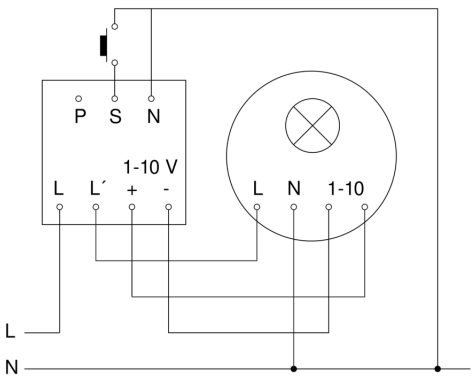


Mögliche Montagehöhe: 2,50 m – 3,50 m
Orange: radial und tangential

Dimension Drawing



Master circuit diagram



Master/slave interconnection circuit diagram