Presence detector - Professional Line

Dual US

COM1 - in-ceiling installation
EAN 4007841 079598
Article number 079598

ultrasonic sensor 360° | 3 x 18 m | 2000 W max. 2000 W | IP20 | ideal 2,5 - 3,5 m | indoor sensor | iQ IQ-mode | Teach Teach mode | energy saving | 5 years manufacturer's warranty steinel-professional.de/garantie

Function description

Watches over the entire corridor. And can see around corners. Dual US ultrasonic motion detector, ideal for corridors and passageways. Reliable detection within 18 m, envelops objects as opposed to penetrating them, detection regardless of temperature, electronically adjustable reach, COM1 for switching light ON and OFF.

Technical specifications

Dimensions (L x W x H)	109 x 120 x 120 mm
Manufacturer's Warranty	5 years
Settings via	Remote control, DIP switches, Potentiometers, Smart Remote
With remote control	Yes
Version	COM1 - in-ceiling installation
PU1, EAN	4007841079598
Type	Presence detector
Application, place	Indoors
Application, room	corridor / aisle, Indoors
Colour	white
Colour, RAL	9010
Includes corner wall mount	No
Installation site	ceiling
Installation	In-ceiling installation, Ceiling
IP-rating	IP20
Ambient temperature	from -25 up to 55 °C

Ultrasonic technology	40 kHz
Detection angle	Aisle, 360 °
Angle of aperture	180 °
Sneak-by guard	Yes
Capability of masking out individual segments	No
Electronic scalability	Yes
Mechanical scalability	No
Reach, radial	20 x 3 m (60 m^2)
Reach, tangential	20 x 3 m (60 m^2)
Functions	Normal / test mode, Semi-/fully automatic, Pushbutton / switch mode, Manual ON / ON-OFF
Twilight setting	10 – 1000 lx
Time setting	30 s – 30 Min.
Basic light level function	No
Main light adjustable	No
Twilight setting TEACH	Yes

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Technical specifications

Material	Plastic	Constant-lighting control	No
Mains power supply	220 – 240 V / 50 – 60 Hz	Interconnection	Yes
Technology, sensors	Ultrasonic, Light sensor	Type of interconnection	Master/master, Master/slave
Mounting height	2,50 – 3,50 m	Interconnection via	Cable
Mounting height max.	3,50 m	Interconnection, number	max. 10 sensors
Optimum mounting height	2,8 m	Product category	Presence detector

Accessories

EAN 4007841 009151	Remote control Smart Remote
EAN 4007841 559410	Service remote control RC8

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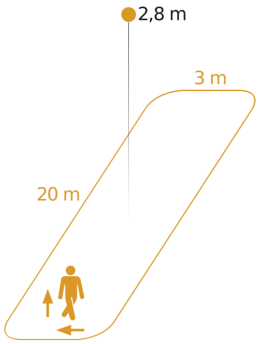
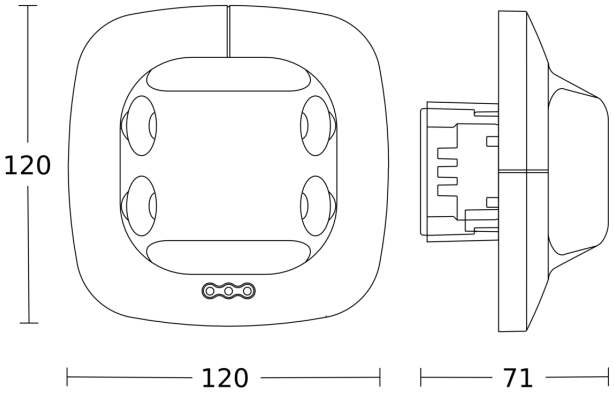
Detection Zone

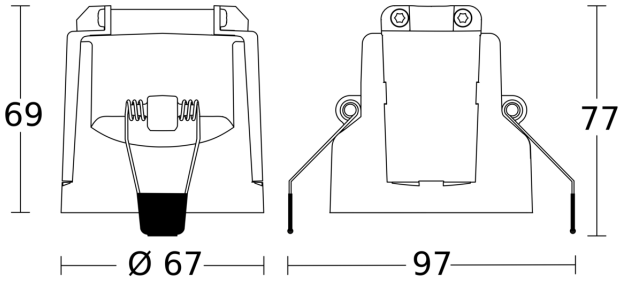


Possible mounting height: 2,50 m – 3,50 m
Orange: radial and tangential

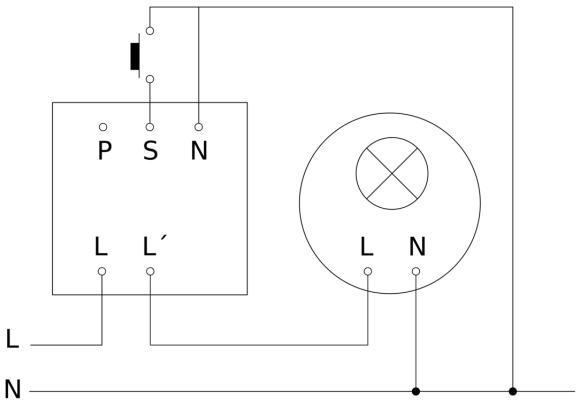
Dimension Drawing 1



Dimension Drawing 2



Master circuit diagram



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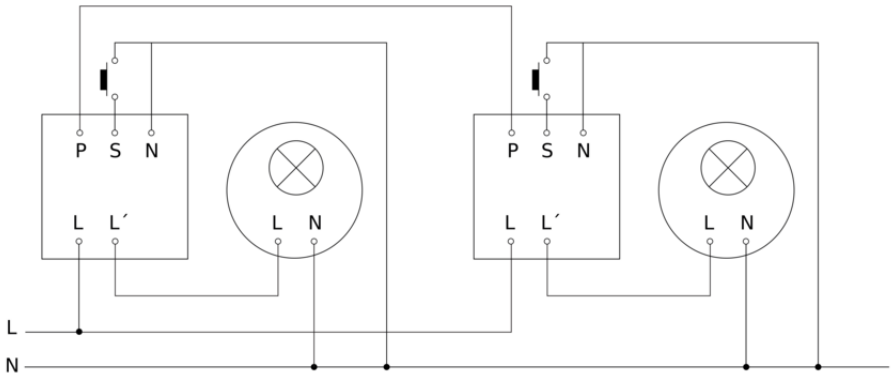
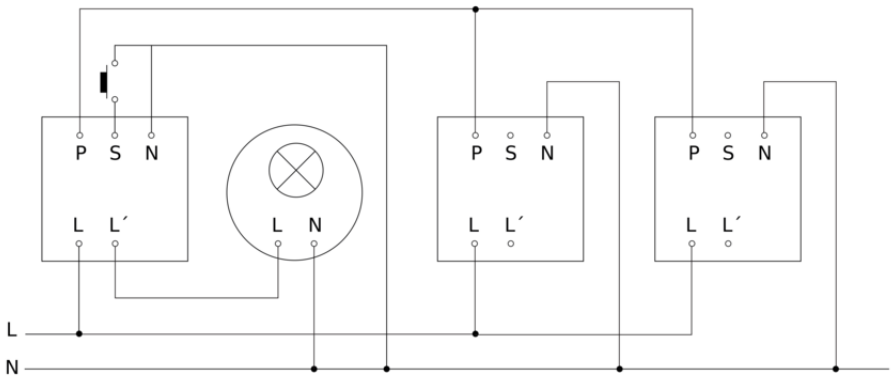
Master/master interconnection circuit diagram



Master/slave interconnection circuit diagram