

# Dual US

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



ultrasonic sensor  
360°



3 x 20 m

2000 W

2000 W max. (LED-ready)



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 20 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	Optimum mounting height	2,8 m
Manufacturer's Warranty	5 years	Ultrasonic technology	40 kHz
Settings via	Remote control, DIP switches, Potentiometers, Smart Remote	Detection angle	Aisle, 360 °
With remote control	Yes	Angle of aperture	180 °
Version	COM1 - in-ceiling installation	Sneak-by guard	Yes
PU1, EAN	4007841079598	Capability of masking out individual segments	No
Type	Presence detector	Electronic scalability	Yes
Application, place	Indoors	Mechanical scalability	No
Application, room	corridor / aisle, Indoors	Reach, radial	20 x 3 m (60 m <sup>2</sup> )
Colour	white	Reach, tangential	20 x 3 m (60 m <sup>2</sup> )
Colour, RAL	9010	Functions	Normal / test mode, Semi-/fully automatic, Pushbutton / switch mode, Manual ON / ON-OFF
Includes corner wall mount	No	Twilight setting	10 – 1000 lx
Installation site	ceiling	Time setting	30 s – 30 Min.
Installation	In-ceiling installation, Ceiling	Basic light level function	No
IP-rating	IP20	Main light adjustable	No
Ambient temperature	-25 – 55 °C		

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## Technical specifications

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

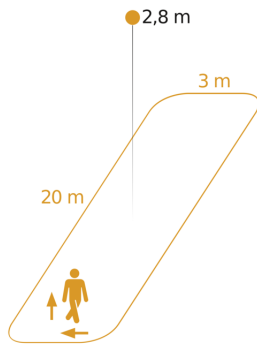
## Accessories

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

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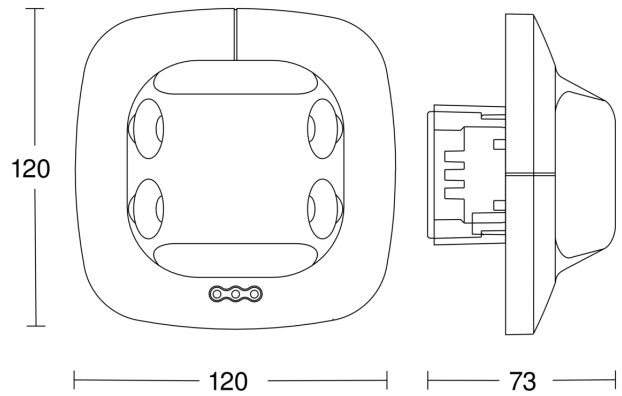
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## Detection Zone

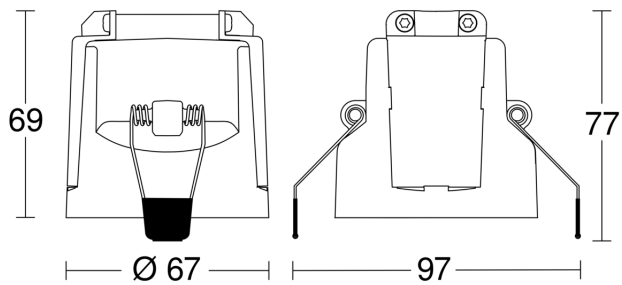


Possible mounting height: 2,50 m - 3,50 m  
Orange: radial and tangential

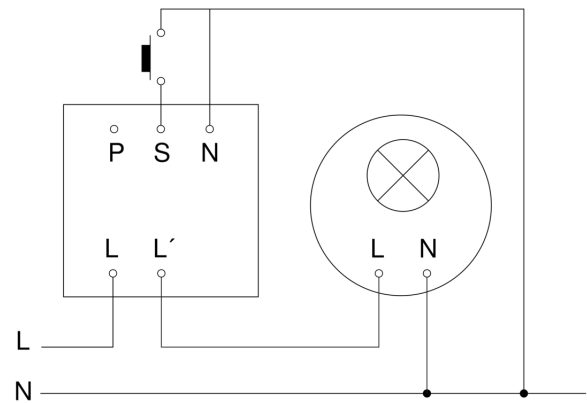
## Dimension Drawing 1



## Dimension Drawing 2



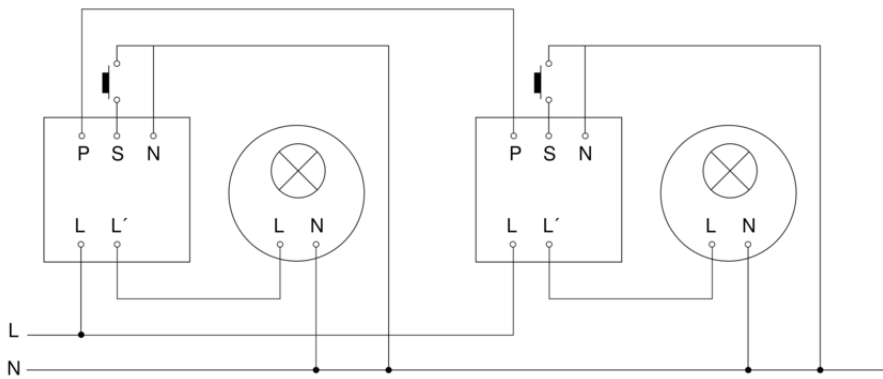
## Master circuit diagram



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## Master/master interconnection circuit diagram



## Master/slave interconnection circuit diagram

