

# DualTech

COM1 - in-ceiling installation  
 EAN 4007841 079574  
 Article number 079574



- Ultraschall-Sensor  
360°
- Infrarot-Sensor  
360°
- Max. Ø 6 m Präsenz
- 2000 W  
2000 W Max. (LED-fähig)
- IP20
- Ideal 2,5 - 3,5 m
- Innen-Bewegungsmelder
- iQ  
iQ-mode
- Teach  
Teach mode
- Energie sparen

## Function description

The best of both worlds. Combined in one detector. Ultrasonic presence detector DualTech, ideal for offices, conference rooms and class rooms. 36 sq.m. presence zone, ultrasonic technology provides reliable detection behind objects regardless of temperature, additional detection capability with PIR technology, electronic adjustment for ultrasonic reach, COM1 for switching light ON and OFF.

## Technical specifications

Dimensions (L x W x H)	103 x 120 x 120 mm	Detection angle	360 °
Manufacturer's Warranty	5 years	Angle of aperture	180 °
Settings via	Remote control, DIP switches, Potentiometers, Smart Remote	Sneak-by guard	Yes
With remote control	No	Capability of masking out individual segments	No
Version	COM1 - in-ceiling installation	Electronic scalability	Yes
PU1, EAN	4007841079574	Mechanical scalability	No
Type	Presence detector	Reach, radial	Ultrasonic: Ultraschall: Ø 10 m (Ultraschall: 79 m <sup>2</sup> )
Application, place	Indoors	Reach, tangential	Ultrasonic: Ultraschall: Ø 10 m (Ultraschall: 79 m <sup>2</sup> )
Application, room	classroom, one-person office, open-plan office, conference room / meeting room, duty room, recreation room, Indoors	Reach, presence	Ultrasonic: Ultraschall: Ø 6 m (Ultraschall: 28 m <sup>2</sup> )
Colour	white	Reach, radial 2	passive infrared: Passiv Infrarot: Ø 4 m (Passiv Infrarot: 13 m <sup>2</sup> )
Colour, RAL	9010	Reach, tangential 2	passive infrared: Passiv Infrarot: Ø 8 m (Passiv Infrarot: 50 m <sup>2</sup> )
Includes corner wall mount	No	Reach, presence 2	passive infrared: Passiv Infrarot: Ø 4 m (Passiv Infrarot: 13 m <sup>2</sup> )
Installation site	ceiling		
Installation	In-ceiling installation, Ceiling		

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## Technical specifications

IP-rating	IP20
Ambient temperature	-25 – 55 °C
Material	Plastic
Mains power supply	220 – 240 V / 50 – 60 Hz
Sensor Technology 2	passive infrared
Technology, sensors	Ultrasonic, passive infrared, Light sensor
Mounting height	2,50 – 3,50 m
Mounting height max.	3,50 m
Optimum mounting height	2,8 m
Ultrasonic technology	40 kHz

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
Constant-lighting control	No
Interconnection	Yes
Type of interconnection	Master/master, Master/slave
Interconnection via	Cable
Interconnection, number	max. 10 sensors

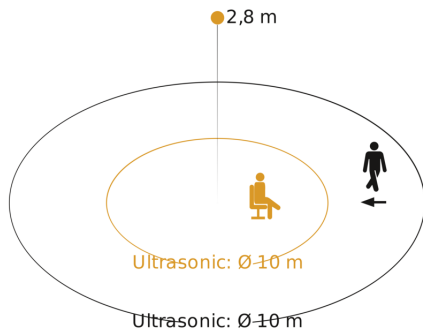
## Accessories

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

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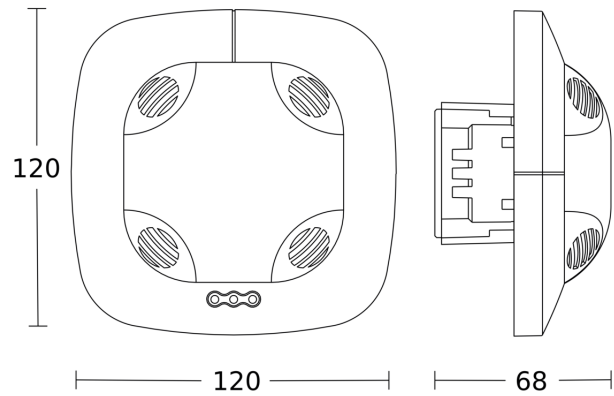
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## Detection Zone

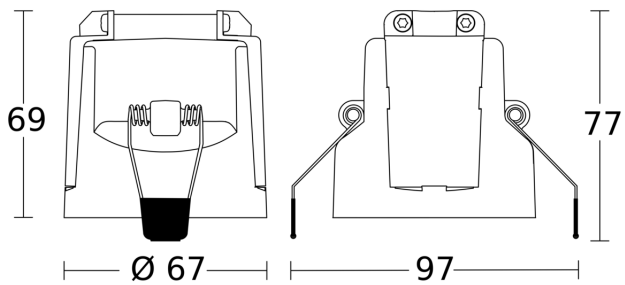


Possible mounting height: 2,50 m - 3,50 m  
Orange: presence and tangential  
Black: radial

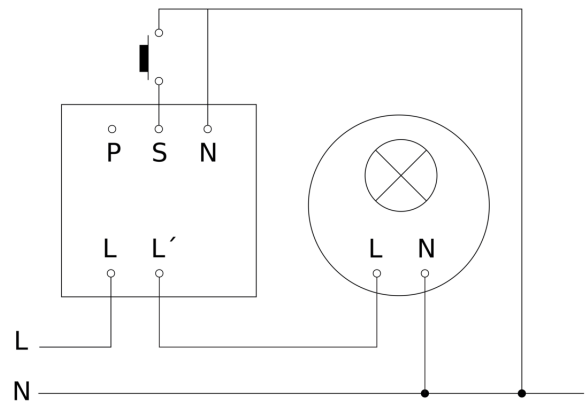
## Dimension Drawing 1



## Dimension Drawing 2



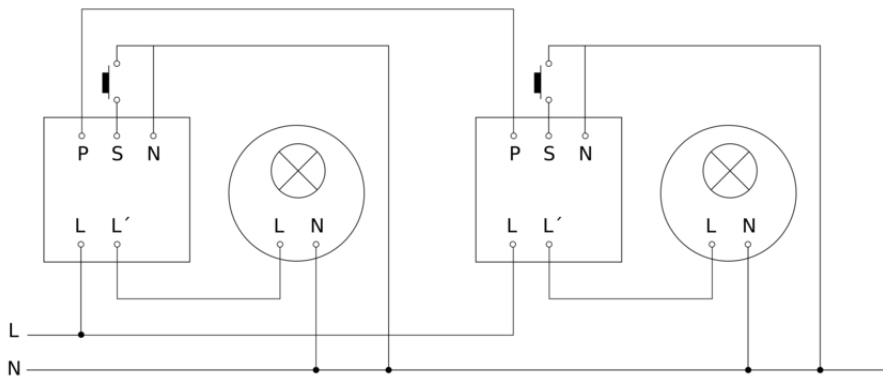
## Master circuit diagram



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## Master/master interconnection circuit diagram



## Master/slave interconnection circuit diagram

