IS 345

COM1 - in-ceiling installation, sq
EAN 4007841 079673
Article number 079673

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infrared sensor 360°	max. 20 x 4 m	2000 W max. (LED-ready)	IP20	2 - 1000 lux	5 sec - 15 min	manual override 4h	ideal 2,5 - 5 m	Teach mode	energy saving

Function description

Huge reach. Infrared motion detector IS 345 for indoors and out, ideal for passageways, corridors and commonly used spaces, installation height 5 m, detection zone 12 x 6 m (radial) and 23 x 6 m (tangential), heavy-duty relay for high switching capacity. Available either in round or square surface-mounted, concealed or In-ceiling installation.

Technical specifications

Dimensions (L x W x H)	121 x 94 x 94 mm		LED lamps > 8 W	600 W
Manufacturer's Warranty	5 years		Capacitive load in µF	176 µF
Settings via	Remote control, Potentiometers, Smart Remote		Technology, sensors	passive infrared, Light sensor
With remote control	No		Mounting height	2,50 – 5,00 m
Version	COM1 - in-ceiling installation, sq		Mounting height max.	5,00 m
PU1, EAN	4007841079673		Optimum mounting height	2,8 m
Type	Motion detectors		Detection angle	Aisle, 360 °
Application, place	Indoors		Angle of aperture	45 °
Application, room	corridor / aisle, multi-storey / underground car park, Indoors		Sneak-by guard	Yes
Colour	white		Capability of masking out individual segments	Yes
Colour, RAL	9003		Electronic scalability	No
Includes corner wall mount	No		Mechanical scalability	No
Installation site	ceiling		Reach, radial	12 x 6 m (72 m²)
Installation	In-ceiling installation, Ceiling		Reach, tangential	23 x 6 m (138 m²)
IP-rating	IP20		Switching zones	280 switching zones
Ambient temperature	–20 – 50 °C		Functions	Normal / test mode, Manual ON / ON-OFF

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Technical specifications

Material	Plastic	Twilight setting	2 – 1000 lx
Mains power supply	220 – 240 V / 50 – 60 Hz	Time setting	5 s – 15 Min.
Switching output 1, resistive	2000 W	Basic light level function	No
Switching output 1, number of LEDs / fluorescent lamps	8 pcs.	Main light adjustable	No
		Twilight setting TEACH	Yes
Fluorescent lamps, electronic ballast	1500 W	Constant-lighting control	No
Fluorescent lamps, uncorrected	1000 VA	Interconnection	Yes
Fluorescent lamps, series-corrected	400 VA	Type of interconnection	Master/master
Fluorescent lamps, parallel-corrected	400 VA	Interconnection via	Cable
Switching output 1, low-voltage halogen lamps	2000 VA	Interconnection, number	max. 10 sensors
LED lamps < 2 W	100 W		
LED lamps > 2 W < 8 W	300 W		

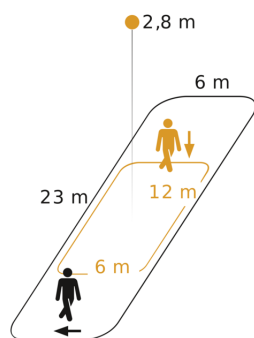## Accessories

|	
EAN 4007841 009151	Remote control Smart Remote
EAN 4007841 559410	Service remote control RC8
EAN 4007841 056728	Black cover for IR-sensors

Motion detector - Professional Line

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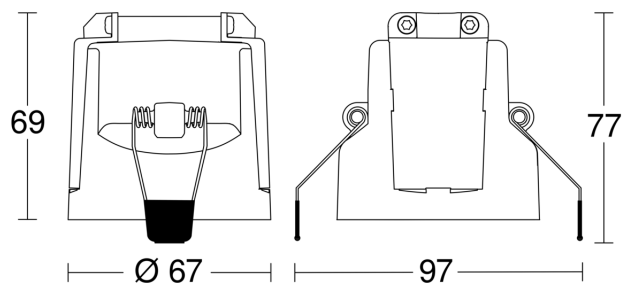
Detection Zone

2,8 m

6 m

23 m   12 m

6 m

Possible mounting height: 2,50 m – 5,00 m
Orange: radial
Black: tangential

Dimension Drawing 1

94

94

78
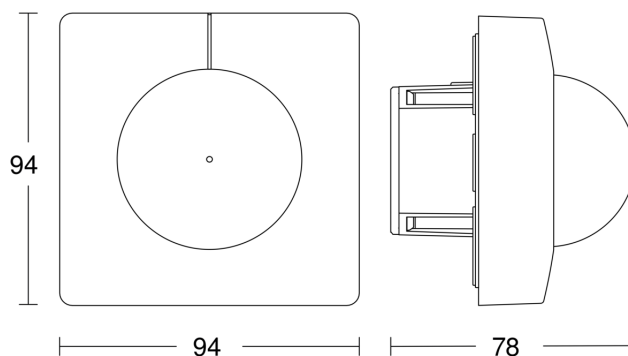
Dimension Drawing 2

69

Ø 67

77

97

Master circuit diagram
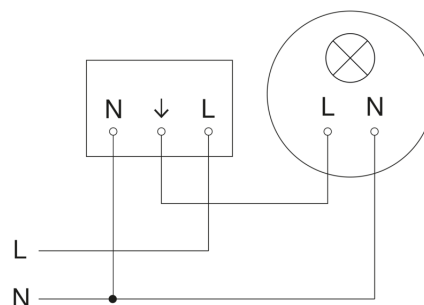
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Circuit diagram for interconnecting several sensors
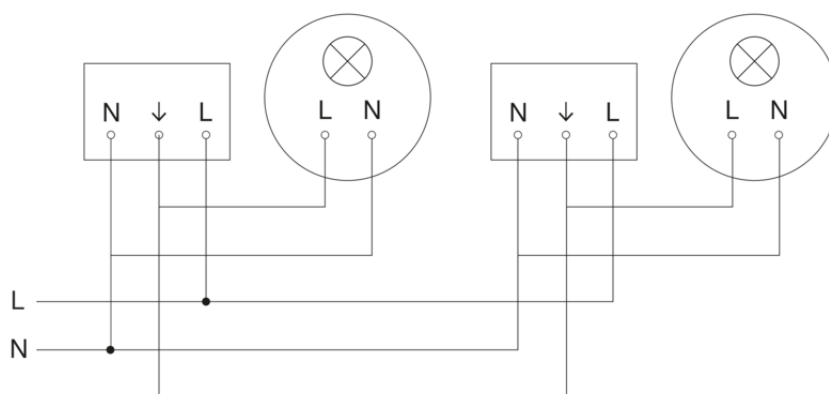
Connection using two-circuit switch for manual and automatic operation
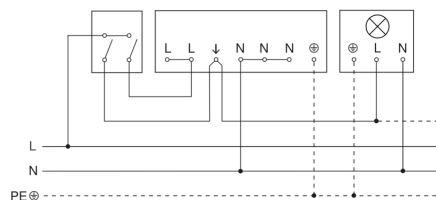
Circuit diagram Connection via a changeover switch for continuous and automatic operation