IS 345

COM1 - in-ceiling installation, rd.
EAN 4007841 079697
Article number 079697

steinel

infrared sensor 360°	max. 20 x 4 m	2000 W 2000 W max. (LED-ready)	IP20	2 - 1000 lux	5 sec - 15 min	manual override 4h	ideal 2,5 - 5 m	Teach 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 (Ø x H)	124 x 121 mm	LED lamps > 2 W < 8 W	300 W
Manufacturer's Warranty	5 years	LED lamps > 8 W	600 W
Settings via	Remote control, Potentiometers, Smart Remote	Capacitive load in µF	176 µF
		Sensor Technology	Passive infrared
With remote control	No	Mounting height	2,50 – 5,00 m
Version	COM1 - in-ceiling installation, rd.	Mounting height max.	5,00 m
PU1, EAN	4007841079697	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
		Capability of masking out individual segments	Yes
Colour	white		
Colour, RAL	9003	Electronic scalability	No
Includes corner wall mount	No	Mechanical scalability	No
Installation site	ceiling	Reach, radial	12 x 6 m (72 m^2)
Installation	In-ceiling installation, Ceiling	Reach, tangential	23 x 6 m (138 m^2)
IP-rating	IP20	Switching zones	280 switching zones
Ambient temperature	–20 – 50 °C		

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Technical specifications

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

Accessories

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EAN 4007841 009151	Remote control Smart Remote
EAN 4007841 559410	Service remote control RC8
EAN 4007841 056742	Black cover for IR-sensors

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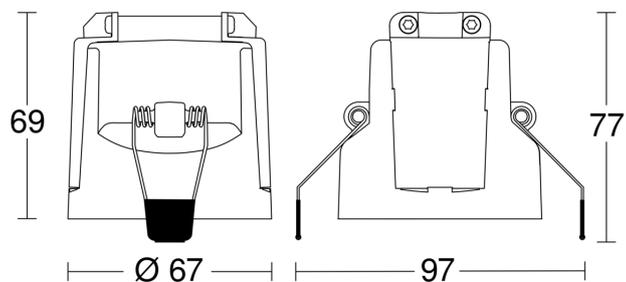**.steinel**

Detection Zone

● 2,8 m
6 m
23 m
12 m
6 m
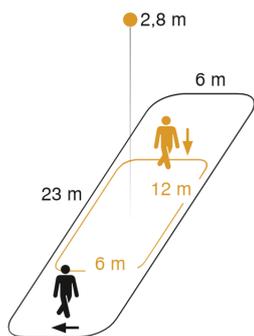
Mögliche Montagehöhe: 2,50 m – 5,00 m
Orange: radial
Schwarz: tangential

Dimension Drawing 1
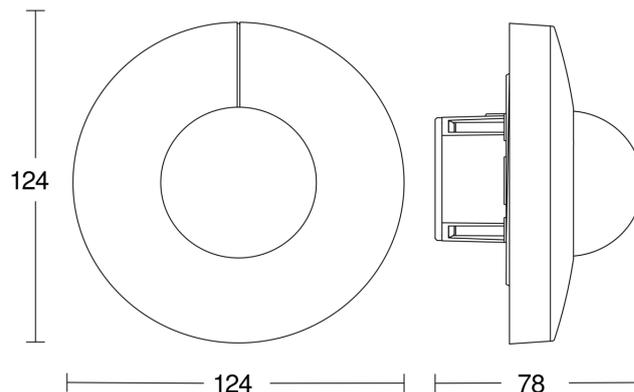
124
124
78

Dimension Drawing 2
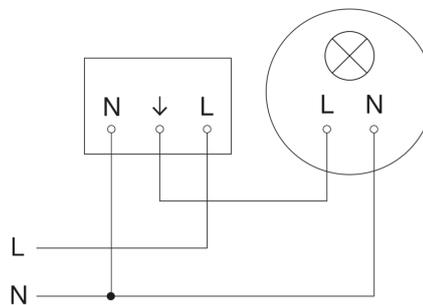
69
Ø 67
97
77

Circuit diagram

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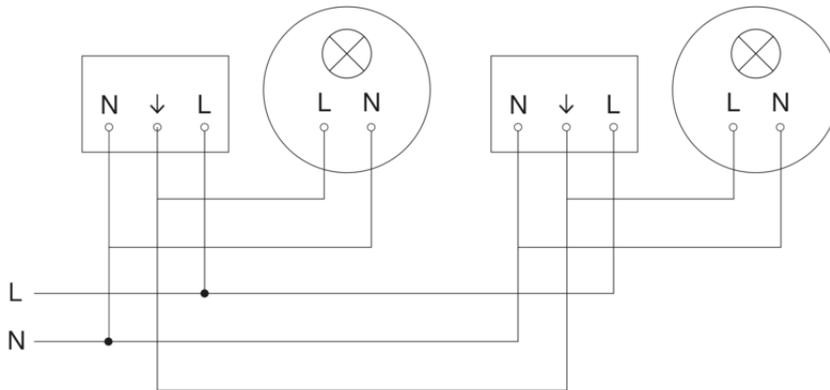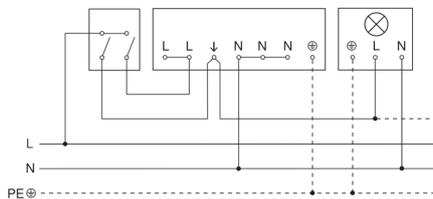
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Circuit diagram for interconnecting several sensors

Connection using two-circuit switch for manual and automatic operation

Circuit diagram Connection via a changeover switch for continuous and automatic operation