**IS 345** 

COM1 - surface, sq. EAN 4007841 010485 Article number 010485



























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#### **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), large terminal compartment for easy installation, heavy-duty relay for high switching capacity. Available either in round or square surface-mounted, concealed or In-ceiling installation.

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#### Technical specifications

Туре	Motion detectors
Dimensions (L x W x H)	65 x 95 x 95 mm
Mains power supply	220 – 240 V / 50 – 60 Hz
Sensor Technology	passive infrared
Application, place	Outdoors, Indoors
Installation site	ceiling
Installation	Surface wiring
Mounting height	2,50 – 5,00 m
Reach, radial	12 x 6 m (72 m²)
Reach, tangential	23 x 6 m (138 m²)
Detection angle	360 °
Angle of aperture	45 °
Switching zones	280 switching zones
Optimum mounting height	2,8 m
Mechanical scalability	No
Sneak-by guard	Yes
Capability of masking out individual segments	Yes
Electronic scalability	No
Twilight setting TEACH	Yes
Twilight setting	2 – 1000 lx
Time setting	5 s – 15 Min.
Output	2000 W
Switching output 1, resistive	2000 W
Switching output 1, number of LEDs fluorescent lamps	<sup>/</sup> 8 pcs.
Fluorescent lamps, electronic ballast	t 1500 W

Fluorescent lamps, uncorrected	1000 VA
Fluorescent lamps, series-corrected	400 VA
Fluorescent lamps, parallel-corrected	400 VA
Switching output 1, low-voltage halogen lamps	2000 VA
LED lamps	100 W
LED lamps > 2 W	300 W
LED lamps > 8 W	600 W
Capacitive load in µF	176 μF
Constant-lighting control	No
Basic light level function	No
Functions	Normal / test mode, Manual ON / ON-OFF
Settings via	Remote control, Potentiometers, Smart Remote
With remote control	No
Interconnection	Yes
Type of interconnection	Master/master
IP-rating	IP54
Material	Plastic
Ambient temperature	-20 – 50 °C
Application, room	corridor / aisle, multi-storey / underground car park, outdoors, Indoors
Colour	white
Colour, RAL	9003
Manufacturer's Warranty	5 years
Version	COM1 - surface, sq.
PU1, EAN	4007841010485

#### Accessories

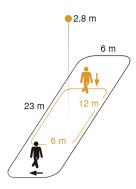
EAN 4007841 009151	Remote control Smart Remote
EAN 4007841 559410	Service remote control RC8
EAN 4007841 056711	Black cover for IR-sensors

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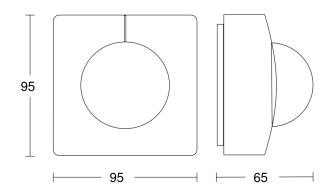
#### **Detection Zone**



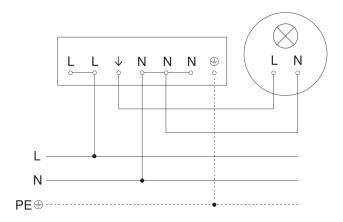
Mögliche Montagehöhe: 2,50 m - 5,00 m

Orange: radial Schwarz: tangential

**Dimension Drawing** 



### Master circuit diagram

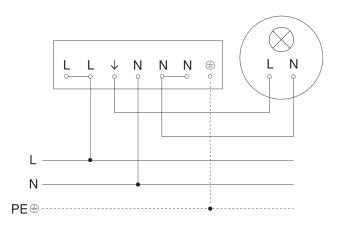


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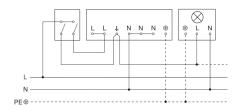
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#### Master/slave interconnection circuit diagram



# Connection using two-circuit switch for manual and automatic operation $% \left( 1\right) =\left( 1\right) \left( 1\right) \left($



# Connection via a two-way switch for manual override and automatic operation

