

Sensor-switched LED indoor light

RS 16 S

PMMA
EAN 4007841 008383
Article number 008383



4000 K

4000K neutral white



high frequency sensor 360°



Ø 3 - 8 m



IP44



2 - 2000 lux



5 sec - 15 min

3 years

manufacturer's warranty
steinel.de/garantie

Function description

The RS 16 S sensor-switched LED indoor light is ideal for corridors, entrance areas, stairwells and bathrooms. The integrated 360° high-frequency sensor detects movement within a diameter of 3 to 8 m. With a luminous flux of 958 lm and a power consumption of 9,5 W. The time setting and twilight threshold can be individually adjusted. The UV-resistant PMMA cover ensures even and pleasant light distribution.

Technical specifications

Dimensions (Ø x H)	276 x 105 mm
With lamp	Yes, STEINEL LED system
With motion detector	Yes
Manufacturer's Warranty	3 years
Settings via	Potentiometers
With remote control	No
Version	PMMA
PU1, EAN	4007841008383
Application, place	Indoors
Application, room	corridor / aisle, function room / ancillary room, stairwell, WC / washroom, outdoors, Indoors
Colour	white
includes sheet of self-adhesive numbers	No
Package content	1
Installation site	wall, ceiling
Installation	Wall, Ceiling, Surface wiring

Reach, tangential	Ø 8 m (50 m ²)
Photo-cell controller	Yes
Transmitter power	< 1 mW
Luminous flux total product	958 lm
Total product efficiency	100 lm/W
Colour temperature	4000 K
Colour variation LED	SDCM3
Lamp	LED cannot be replaced
Base	without
LED cooling system	Passive Thermo Control
Soft light start	No
Continuous light	selectable
Twilight setting	2 - 2000 lx
Time setting	5 s - 15 Min.
Basic light level function	Yes
Basic light level function time	10/30 min, all night
Twilight setting TEACH	No

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Subject to technical modifications

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Technical specifications

Impact resistance	IK03
IP-rating	IP44
Protection class	II
Ambient temperature	from -10 up to 40 °C
Housing material	Plastic
Cover material	Plastic, opal
Mains power supply	220 – 240 V / 50 – 60 Hz
Power consumption	0,38 W
Mounting height max.	4,00 m
HF-system	5,8 GHz
Slave modeselectable	No
Detection	also through glass, wood and stud walls
Capability of masking out individual segments	No
Electronic scalability	Yes
Mechanical scalability	No
Reach, radial	Ø 8 m (50 m ²)

Interconnection	Yes
Type of interconnection	Master/master
Interconnection via	Cable
Fuse protection B10	54
Fuse protection B16	87
Fuse protection C10	90
Fuse protection C16	145
Basic light level function in per cent	10 %
Output	9,5 W
Angle of aperture	160 °
IP-rating, ceiling	IP44
Detection angle	360 °
Product category	Sensor-switched LED indoor light

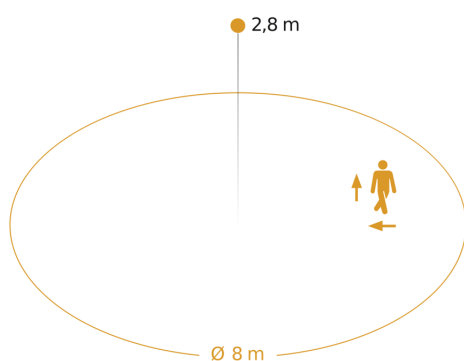
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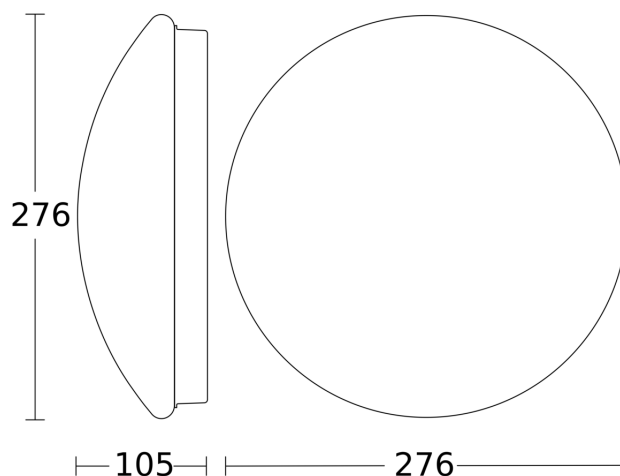
Article number 008383

Detection Zone

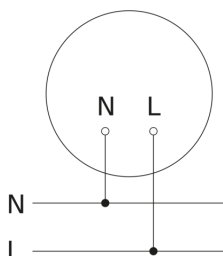


Possible mounting height: 2,00 m – 4,00 m
Orange: radial and tangential

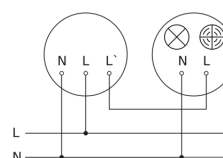
Dimension Drawing



Circuit diagram



Master circuit diagram



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Master/master interconnection circuit diagram

