

Sensor-switched LED indoor light

# RS 16 S

PMMA  
EAN 4007841 008383  
Article number 008383



LED

30 years (Ø 4,5h / day)

4000 K

4000K neutral white



high frequency sensor  
360°



Ø 3 - 8 m



IP44



2 - 2000 lux



5 sec - 15 min



energy saving

3 years

manufacturer's  
warranty steinel.de/  
garantie3y

## Function description

Evolution of a classic. RS 16 S sensor-switched indoor light, ideal for corridors, hallways, stairwells and bathrooms. Integrated high-frequency sensor with 360° coverage, 3-8 m reach all round. The latest LED technology, 958 lm at a consumption of only 9,5 W. Adjustable time and twilight threshold.

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## Technical specifications

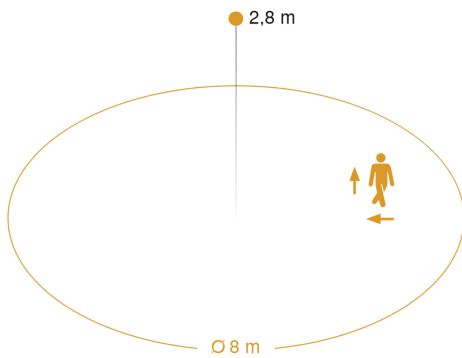
Dimensions (Ø x H)	255 x 89 mm
With lamp	Yes, STEINEL LED system
With motion detector	Yes
Manufacturer's Warranty	3 years
Settings via	Potentiometers
With remote control	No
Version	PMMA
PU1, EAN	4007841008383
Application, place	Indoors
Application, room	corridor / aisle, function room / ancillary room, stairwell, WC / washroom, outdoors, Indoors
Colour	white
includes sheet of self-adhesive numbers	No
Installation site	wall, ceiling
Installation	Wall, Ceiling, Surface wiring
Impact resistance	IK03
IP-rating	IP44
Protection class	II
Ambient temperature	-10 – 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
Angle of aperture	160 °
Capability of masking out individual segments	No

Electronic scalability	Yes
Mechanical scalability	No
Reach, radial	Ø 8 m (50 m <sup>2</sup> )
Reach, tangential	Ø 8 m (50 m <sup>2</sup> )
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
Interconnection	Yes
Type of interconnection	Master/master
Interconnection via	Cable
Absicherung B10 (ST)	54
Absicherung B16 (ST)	87
Absicherung C10 (ST)	90
Absicherung C16 (ST)	145
Basic light level function in per cent	10 %

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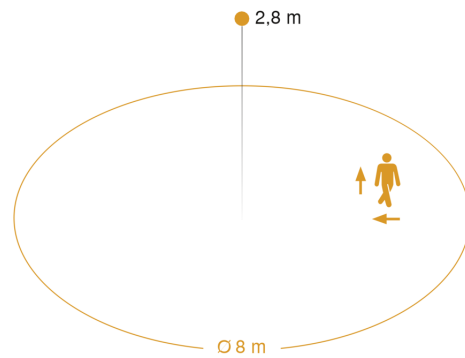
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## Detection Zone 1



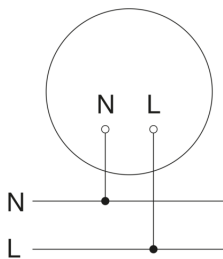
Mögliche Montagehöhe: 2,00 m – 4,00 m  
Orange: radial und tangential

## Detection Zone 2



Mögliche Montagehöhe: 2,00 m – 4,00 m  
Orange: radial und tangential

## Circuit diagram



## Master/master interconnection circuit diagram

