

Sensor-switched LED indoor light - Professional Line

# RS PRO S20 SC - Multipack (5 ea.)

PC warm white

EAN 4007841 081959

Article number 081959



LED

30 years (Ø 4,5h / day)

3000 K

3000K warm-white



high frequency sensor 360°



Ø 1 - 8 m



2 - 2000 lux



5 sec - 15 min



10% basic brightness



Light source not exchangeable



Control gear not exchangeable



shock proof IK07

## Function description

Intelligence is not a question of size. It's a question of inner values. The smartest luminaire in the world, now even better! High-frequency sensor luminaire RS PRO S-series, ideal for office corridors, hallways, toilet facilities, stairwells, including radio networking with other RS PRO S-series, 15,7 W LED, 1630 lm, PC cover, 3000 K, 360° detection, range Ø 1 - 8 m continuously adjustable, basic light function, and neighbourhood group function. The S-series can also be operated with direct current, which enables connection to central battery systems.

## Technical specifications

Dimensions (Ø x H)	300 x 71 mm
With lamp	Yes, STEINEL LED system
With motion detector	Yes
Manufacturer's Warranty	5 years
Settings via	Bluetooth
With remote control	No
Version	PC warm white
PU1, EAN	4007841081959
Application, place	Indoors
Application, room	corridor / aisle, function room / ancillary room, kitchenette, changing room, WC / washroom, stairwell, outdoors, Indoors
Colour	Silver
includes sheet of self-adhesive numbers	No
Installation site	wall, ceiling
Installation	Wall, Ceiling

Colour temperature	3000 K
Colour variation LED	SDCM3
Lamp	LED cannot be replaced
Base	without
LED cooling system	Passive Thermo Control
Soft light start	Yes
Continuous light	selectable, 4h
Functions	Neighbouring group function, Group parameterisation, Manual ON / ON-OFF, Connection to central battery systems, Motions sensor, Adjustable fade time when switching on and off, Orientation light, DIM function, Free selection of the light value in a luminaire group, Light sensor, Normal / test mode, Encrypted communication
Twilight setting	2 - 2000 lx
Time setting	5 s - 60 Min.

<https://www.steinel.de>

Subject to technical modifications

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## Technical specifications

Impact resistance	IK07
IP-rating	IP20
Protection class	II
Ambient temperature	from -20 up to 40 °C
Housing material	Aluminium
Cover material	Plastic, opal
Mains power supply	220 – 240 V / 50 – 60 Hz
Power consumption	0,39 W
Mounting height max.	4,00 m
Slave mode selectable	Yes
Detection	also through glass, wood and stud walls
Capability of masking out individual segments	Yes
Electronic scalability	Yes
Mechanical scalability	No
Reach, radial	Ø 10 m (79 m <sup>2</sup> )
Reach, tangential	Ø 10 m (79 m <sup>2</sup> )
Photo-cell controller	Yes
Transmitter power	< 1 mW
Luminous flux total product	1630 lm
Total product efficiency	104 lm/W

Basic light level function	Yes
Basic light level function, detail	LED effect light
Basic light level function time	1-30 min, all day, all night
Main light adjustable	5 - 100 %
Twilight setting TEACH	Yes
Interconnection	Yes
Type of interconnection	Master/master, Master/slave
Interconnection via	Bluetooth Mesh
Lifetime LED according to IEC-62717 (L70)	100.000 h
Lifetime LED according to IEC-62717 (L80)	66.000 h
Lebensdauer LED nach IES TM-21 (L70)	>60.000 h
Lifetime LED according to IES TM-21 (L80)	>60.000 h
Fuse protection B10	46
Fuse protection B16	74
Fuse protection C10	77
Fuse protection C16	122
Basic light level function in per cent	7 – 100 %
Output	15,7 W
Colour Rendering Index CRI	= 82
Starting current, maximum	13 A
Angle of aperture	160 °
Detection angle	360 °
Product category	Sensor-switched LED indoor light

## Accessories

EAN 4007841 084653

Wireless push button PB2-Bluetooth

EAN 4007841 084660

Wireless push button PB4-Bluetooth

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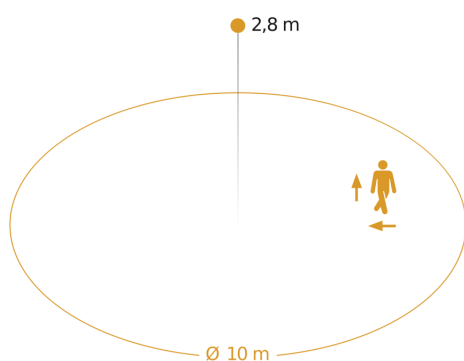
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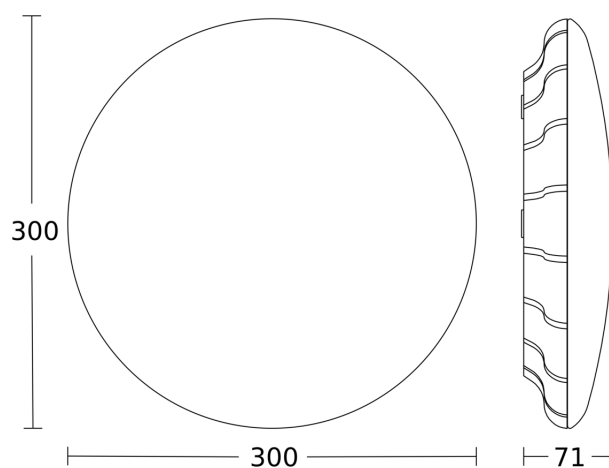
## Detection Zone



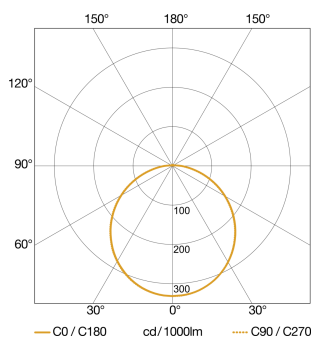
Possible mounting height: 2,00 m – 4,00 m

Orange: radial and tangential

## Dimension Drawing

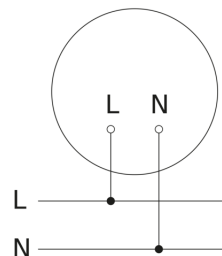


## Light Distribution Curve



Output	15,7 W
With lamp	Yes, STEINEL LED system
Lamp	LED cannot be replaced
Colour temperature	3000 K
LED life expectancy (max. °C)	50000 h
LED cooling system	Passive Thermo Control

## Slave/wireless master interconnection circuit diagram



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## Master/master interconnection circuit diagram

