

Sensor-switched LED indoor light - Professional Line

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

PC neutral white

EAN 4007841 081942

Article number 081942



LED

30 years (Ø 4,5h / day)

4000 K

4000K neutral 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, 1714 lm, PC cover, 4000 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	Colour temperature	4000 K
With lamp	Yes, STEINEL LED system	Colour variation LED	SDCM3
With motion detector	Yes	Lamp	LED cannot be replaced
Manufacturer's Warranty	5 years	Base	without
Settings via	Bluetooth	LED cooling system	Passive Thermo Control
With remote control	No	Soft light start	Yes
Version	PC neutral white	Continuous light	selectable, 4h
PU1, EAN	4007841081942	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
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	Twilight setting	2 - 2000 lx
Installation site	wall, ceiling	Time setting	5 s - 60 Min.
Installation	Wall, Ceiling		

<https://www.steinel.de>

Subject to technical modifications

04.2025 Page 1 from 4

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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 m²)
Reach, tangential	Ø 10 m (79 m²)
Photo-cell controller	Yes
Transmitter power	< 1 mW
Luminous flux total product	1714 lm
Total product efficiency	109 lm/W

Basic light level function	Yes
Basic light level function, detail	LED effect light
Basic light level function time	1-60 min
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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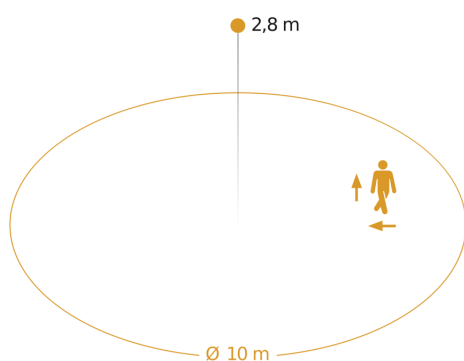
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EAN 4007841 081942

Article number 081942



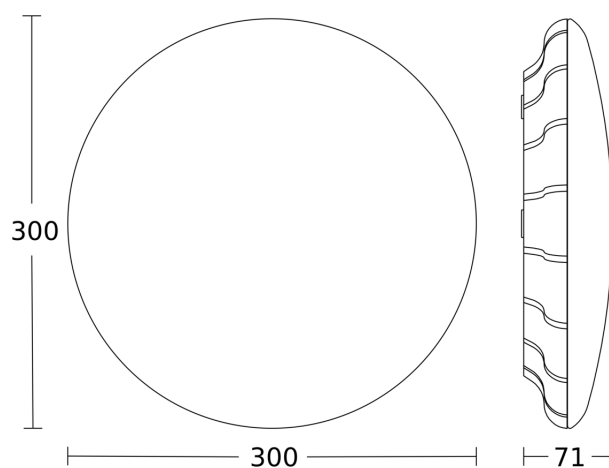
## Detection Zone



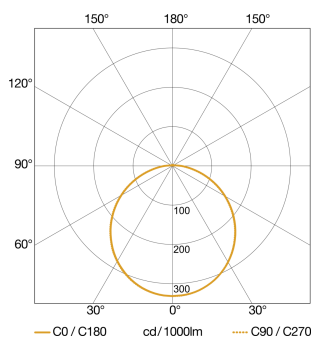
Possible mounting height: 2,00 m – 4,00 m

Orange: radial and tangential

## Dimension Drawing

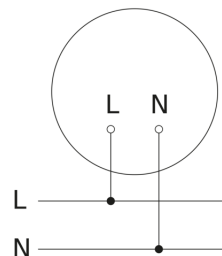


## Light Distribution Curve



Output	15,7 W
With lamp	Yes, STEINEL LED system
Lamp	LED cannot be replaced
Colour temperature	4000 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

