

# RS PRO S20 SC

IP65 PC warm white  
EAN 4007841 079789  
Article number 079789



LED

30 years (Ø 4,5h / day)

3000 K

3000K warm-white



high frequency sensor 360°



Ø 1 - 8 m



IP65



2 - 2000 lux



5 sec - 15 min



Light source not exchangeable



Control gear not exchangeable



10% basic brightness

## Function description

Nice and compact. Nice and robust. High-frequency sensorlight RS PRO S20 SC IP65, ideal for swimming pools, hotels, changing and shower areas, thoroughfares in industrial buildings and pedestrian subways, can be wirelessly interconnected (Bluetooth Mesh radio connection) with other RS PRO S-lights, 15,7 W LED/1760 lm, 3000 K, impact-resistant and opal polycarbonate shade, IK10, 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	Smartphone, Connect Bluetooth Mesh
Version	IP65 PC warm white
PU1, EAN	4007841079789
Application, place	Indoors
Application, room	corridor / aisle, function room / ancillary room, kitchenette, changing room, WC / washroom, stairwell, outdoors, Indoors
Colour	Silver
Installation site	ceiling, wall
Installation	Wall, Ceiling
Impact resistance	IK10
IP-rating	IP65

Transmitter power	< 1 mW
Luminous flux total product	1209 lm
Total product efficiency	77 lm/W
Colour temperature	3000 K
Colour variation LED	SDCM3
Lamp	LED cannot be replaced
Base	without
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

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## Technical specifications

Protection class	II
Ambient temperature	-10 – 50 °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
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

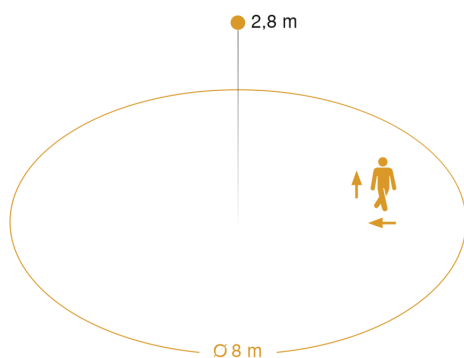
Twilight setting	2 – 2000 lx
Time setting	5 s – 60 Min.
Basic light level function	Yes
Basic light level function, detail	LED effect light
Basic light level function time	1-60 min
Main light adjustable	Yes
Twilight setting TEACH	Yes
Interconnection	Yes
Interconnection via	Bluetooth Mesh Connect
Lebensdauer LED nach IEC-62717 (L70)	100.000 h
Lebensdauer LED nach IEC-62717 (L80)	66.000 h
Lebensdauer LED nach IES TM-21 (L70)	>60.000 h
Lebensdauer LED nach IES TM-21 (L80)	>60.000 h
Absicherung B10 (ST)	46
Absicherung B16 (ST)	74
Absicherung C10 (ST)	77
Absicherung C16 (ST)	122
Basic light level function in per cent	7 – 100 %
Output	15,7 W
Colour Rendering Index CRI	= 82

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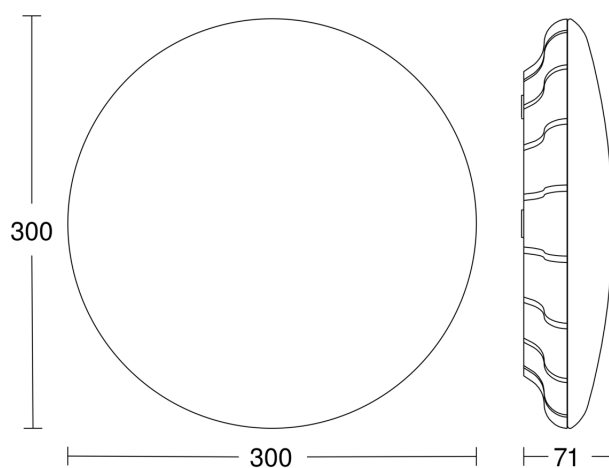


## Detection Zone

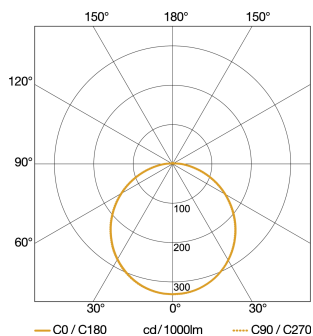


Mögliche Montagehöhe: 2,00 m – 4,00 m  
Orange: radial und tangential

## Dimension Drawing

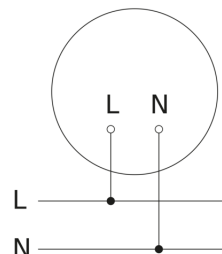


## Light Distribution Curve



Output	15,7 W
With lamp	Yes, STEINEL LED system
Lamp	LED cannot be replaced
Measured luminous flux (360°)	1760 lm
Colour temperature	3000 K
LED life expectancy (max. °C)	60000 h

## Slave/wireless master interconnection circuit diagram



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## Master/master interconnection circuit diagram

