

# RS PRO S20 SC

IP65 PC warm white  
 EAN 4007841 079789  
 Article number 079789



LED

3000 K



Hochfrequenz  
Sensor 360°



Ø 1 - 8 m



IP65



2 - 2000 Lux



5 Sek - 15 Min



Lichtquelle nicht  
austauschbar



Betriebsgerät nicht  
austauschbar



10% Grundlicht

30 Jahre (Ø 4,5 Std /  
Tag)

3000K warmweiß

## 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/, 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

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
Twilight setting	2 – 2000 lx
Time setting	5 s – 60 Min.

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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 modeselectable	Yes
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 <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	1209 lm

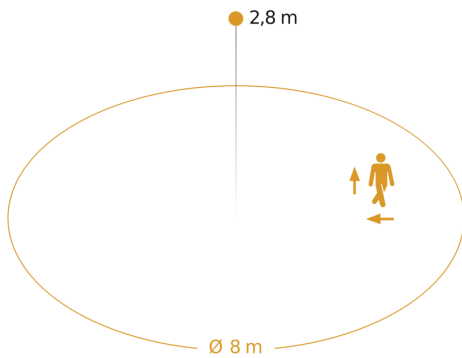
Basic light level function	Yes
Basic light level function, detail	LED effect light
Basic light level function time	1-60 min
Main light adjustable	Yes
Twilight setting TEACH	Yes
Interconnection	Yes
Interconnection via	Bluetooth Mesh Connect
Lifetime LED according to IEC-62717 (L70)	100.000 h
Lifetime 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 °

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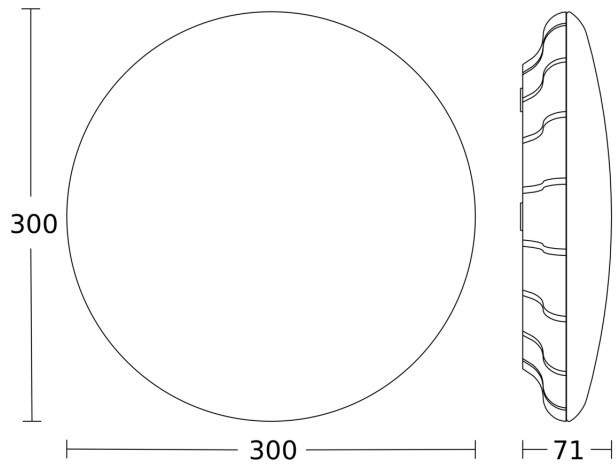


## Detection Zone



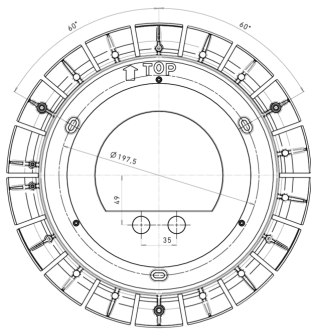
Possible mounting height: 2,00 m - 4,00 m  
 Orange: radial and tangential

## Dimension Drawing 1

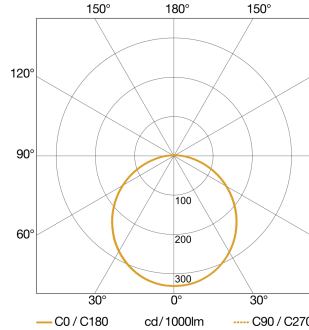


## Dimension Drawing 2

Bohrschablone / Drilling template 'RS PRO S 10 / S 20 / S 20 IP65'



## Light Distribution Curve

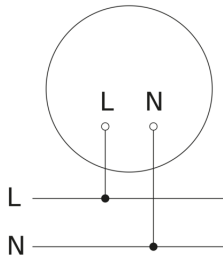


<b>Output</b>	15,7 W
<b>With lamp</b>	Yes, STEINEL LED system
<b>Lamp</b>	LED cannot be replaced
<b>Colour temperature</b>	3000 K
<b>LED life expectancy (max. °C)</b>	60000 h

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**Slave/wireless master interconnection circuit diagram**



**Master/master interconnection circuit diagram**

