

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/1209 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

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.
Basic light level function	Yes

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Technical specifications

Protection class	II
Ambient temperature	from -10 up to 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 m²)
Reach, tangential	Ø 8 m (50 m²)
Photo-cell controller	Yes
Transmitter power	< 1 mW
Luminous flux total product	1209 lm
Total product efficiency	77 lm/W

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
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

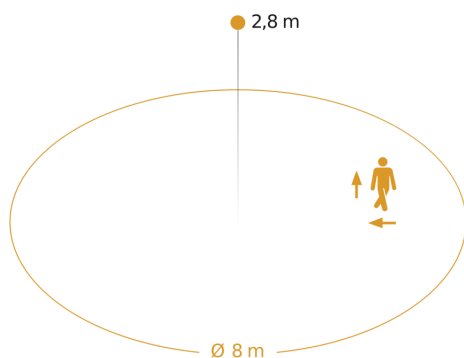
EAN 4007841 084653	Wireless push button PB2-Bluetooth
EAN 4007841 084660	Wireless push button PB4-Bluetooth

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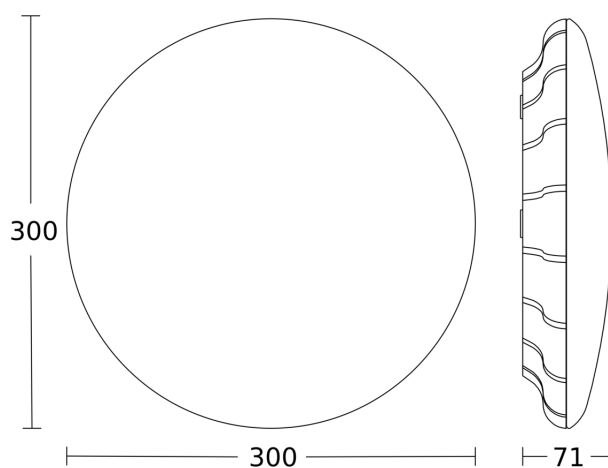


Detection Zone

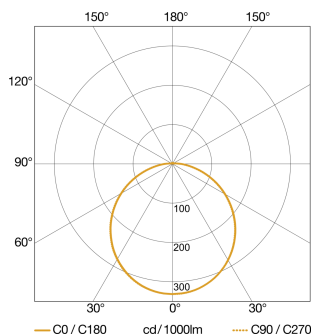


Possible mounting height: 2,00 m – 4,00 m
Orange: radial and tangential

Dimension Drawing

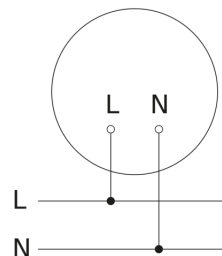


Light Distribution Curve



Output	15,7 W
With lamp	Yes, STEINEL LED system
Lamp	LED cannot be replaced
Measured luminous flux (360°)	1209 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

