

# RS PRO S20 SC

IP65 PC neutral white  
EAN 4007841 079772  
Article number 079772



LED

30 years (Ø 4,5h / day)

4000 K

4000K neutral 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/1284 lm, 4000 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 neutral white                                                                                                     |
| PU1, EAN                | 4007841079772                                                                                                             |
| 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                                                                                                                      |

|                             |                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Luminous flux total product | 1284 lm                                                                                                                                                                                                                                                                                                                            |
| Total product efficiency    | 82 lm/W                                                                                                                                                                                                                                                                                                                            |
| Colour temperature          | 4000 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                                                                                                                                                                                                                                                                                                                        |

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|                                               |                                         |
|-----------------------------------------------|-----------------------------------------|
| 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 |
| 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                                     |
| Transmitter power                             | < 1 mW                                  |

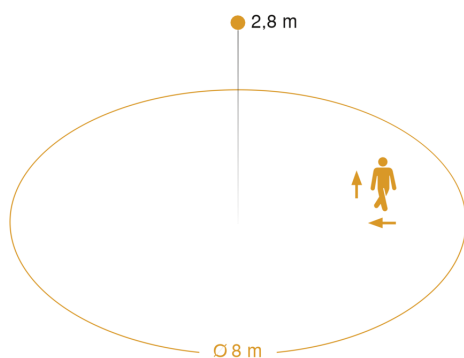
|                                        |                        |
|----------------------------------------|------------------------|
| Time setting                           | 5 s – 60 Min.          |
| Basic light level function             | Yes                    |
| Basic light level function, detail     | LED effect light       |
| Basic light level function time        | 1-60 min               |
| Main light adjustable                  | 5 - 100 %              |
| 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                   |
| Starting current, maximum              | 13 A                   |

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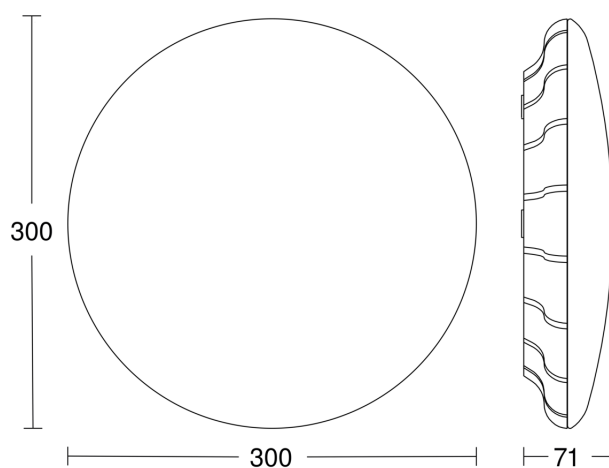


## Detection Zone

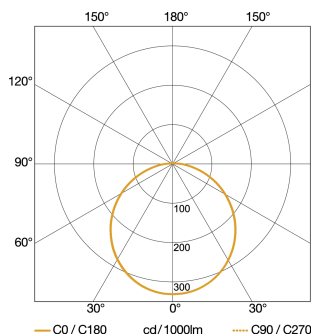


Mögliche Montagehöhe: 2,00 m – 4,00 m  
Orange: radial und tangential

## Dimension Drawing

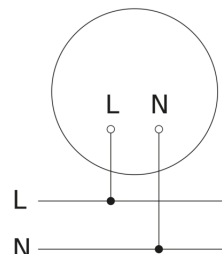


## Light Distribution Curve



|                               |                         |
|-------------------------------|-------------------------|
| Output                        | 15,7 W                  |
| With lamp                     | Yes, STEINEL LED system |
| Lamp                          | LED cannot be replaced  |
| Measured luminous flux (360°) | 1284 lm                 |
| Colour temperature            | 4000 K                  |
| LED life expectancy (max. °C) | 60000 h                 |

## Slave/wireless master interconnection circuit diagram



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## Master/master interconnection circuit diagram

