# RS PRO S20 SC

.● steinel

IP65 PC neutral white
EAN 4007841 079772
Article number 079772

| LED | 4000 K | 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 |
|---|---|---|---|---|---|---|---|---|---|
| 30 years (Ø 4,5h / day) | 4000K neutral white | | | | | | | | |

## 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 | Transmitter power | < 1 mW |
| With lamp | Yes, STEINEL LED system | Luminous flux total product | 1284 lm |
| With motion detector | Yes | Total product efficiency | 82 lm/W |
| Manufacturer's Warranty | 5 years | Colour temperature | 4000 K |
| Settings via | Smartphone, Connect Bluetooth Mesh | Colour variation LED | SDCM3 |
| Version | IP65 PC neutral white | Lamp | LED cannot be replaced |
| PU1, EAN | 4007841079772 | Base | without |
| Application, place | Indoors | Soft light start | Yes |
| Application, room | corridor / aisle, function room / ancillary room, kitchenette, changing room, WC / washroom, stairwell, outdoors, Indoors | Continuous light | selectable, 4h |
| Colour | Silver | 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 |
| Installation site | ceiling, wall | | |
| Installation | Wall, Ceiling | | |
| Impact resistance | IK10 | | |
| IP-rating | IP65 | | |

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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 |
| Angle of aperture | 160 ° |
| 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 |

| | |
|---|---|
| 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 | 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 |

# RS PRO S20 SC

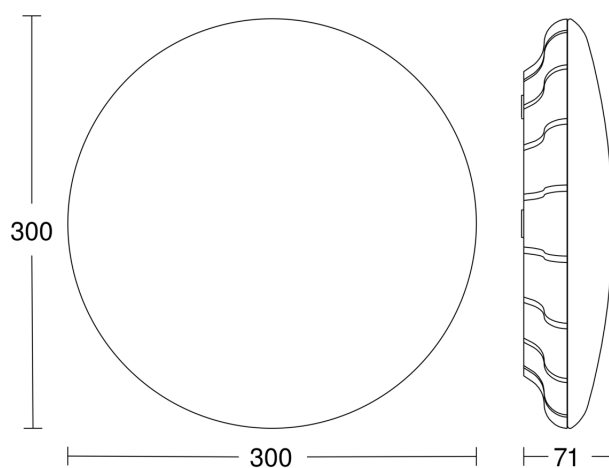IP65 PC neutral white
EAN 4007841 079772
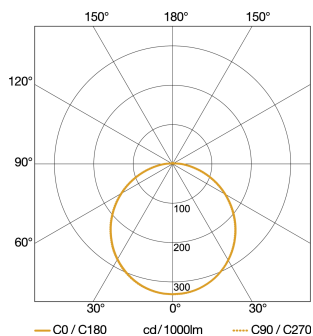Article number 079772

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## Detection Zone

● 2,8 m

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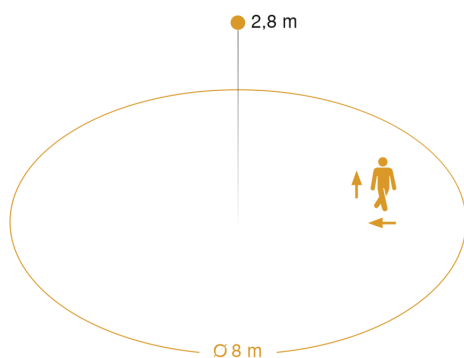
Mögliche Montagehöhe: 2,00 m – 4,00 m
Orange: radial und tangential

## Dimension Drawing

300

300

71

## Light Distribution Curve

| | 150° | 180° | 150° | |
|---|---|---|---|---|
| 120° | | | | |
| 90° | | | | |
| 60° | 100 | 200 | 300 | |
| | 30° | 0° | 30° | |

— C0 / C180      cd / 1000lm      ····· C90 / C270

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

## Slave/wireless master interconnection circuit diagram

L   N

L

N
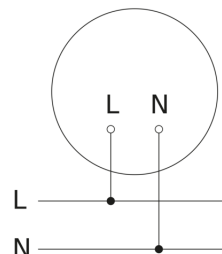
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**Master/master interconnection circuit diagram**