

Sensor-switched indoor light - Professional Line

# RS PRO R20 plus SC MP5

Multipack

EAN 4007841 084714

Article number 084714



LED

36 years (Ø 4,5h / day)



Settings via App

4000 K

4000K neutral white



high frequency sensor 360°



max. 10 m



2 - 2000 lux



IP40



Light source not exchangeable



Control gear not exchangeable



5 sec - 30 min

## Function description

Digital. Ingenious. Wirelessly adjustable via app, the digital RS PRO R20 plus SC MP5 sensor-switched light makes connected lighting incredibly easy. Easily started up, interconnected and adjusted in any chosen way via app, it comes with 4 lighting functions: basic light level, backlight, dimmable main light and emergency light. High-precision HF sensor (10 m reach). The opal diffuser bonnet ensures even light distribution. 15,86 W, 1976 lm. 4000 K, 350 x 55 mm. Emergency lighting operation is alternatively possible via connection to central battery systems.

## Technical specifications

|   |  |
|---|--|
| Dimensions (Ø x H)                      | 350 x 55 mm  |
| With lamp                               | Yes, STEINEL LED system  |
| With motion detector                    | Yes  |
| Manufacturer's Warranty                 | 5 years  |
| Settings via                            | Bluetooth  |
| With remote control                     | No   |
| Version                                 | Multipack  |
| PU1, EAN                                | 4007841084714  |
| Application, place                      | Indoors  |
| Application, room                       | corridor / aisle, changing room, function room / ancillary room, kitchenette, stairwell, Indoors |
| Colour                                  | white  |
| includes sheet of self-adhesive numbers | No   |
| Installation site                       | wall, ceiling  |
| Installation                            | Wall, Ceiling, Surface wiring  |

|                            |   |
|----------------------------|---|
| Colour temperature         | 4000 K  |
| Colour variation LED       | SDCM3   |
| Lamp                       | LED cannot be replaced  |
| Base                       | without   |
| LED cooling system         | Passive Thermo Control  |
| Soft light start           | Yes   |
| Continuous light           | selectable  |
| Functions                  | Group parameterisation, Manual ON / ON-OFF, Neighbouring group function, Backlight, Orientation light, Connection to central battery systems, Adjustable fade time when switching on and off, Free selection of the light value in a luminaire group, Encrypted communication, Motions sensor, Light sensor |
| Twilight setting           | 2 – 2000 lx   |
| Time setting               | 5 s – 30 Min.   |
| Basic light level function | Yes   |

<https://www.steinel.de>

Subject to technical modifications

11.2024 Page 1 from 3

# RS PRO R20 plus SC MP5

Multipack

EAN 4007841 084714

Article number 084714



## Technical specifications

|   |   |
|---|---|
| Impact resistance                             | IK07                                    |
| IP-rating                                     | IP40                                    |
| Protection class                              | II                                      |
| Ambient temperature                           | -20 – 40 °C                             |
| Housing material                              | Plastic                                 |
| Cover material                                | PC, opal                                |
| Mains power supply                            | 220 – 240 V / 50 – 60 Hz                |
| Power consumption                             | 0,3 W                                   |
| Mounting height max.                          | 4,00 m                                  |
| HF-system                                     | 5,8 GHz                                 |
| Slave modeselectable                          | Yes                                     |
| Detection                                     | also through glass, wood and stud walls |
| Capability of masking out individual segments | Yes                                     |
| Electronic scalability                        | Yes                                     |
| Mechanical scalability                        | No                                      |
| Reach, radial                                 | Ø 10 m (79 m²)                          |
| Reach, tangential                             | Ø 10 m (79 m²)                          |
| Photo-cell controller                         | Yes                                     |
| Transmitter power                             | < 1 mW                                  |
| Luminous flux total product                   | 1976 lm                                 |
| Total product efficiency                      | 125 lm/W                                |

|  |                              |
|--|------------------------------|
| Basic light level function, detail                 | LED Backlight                |
| Basic light level function time                    | 1-60 min                     |
| Main light adjustable                              | 0 - 100 %                    |
| Twilight setting TEACH                             | Yes                          |
| Interconnection                                    | Yes                          |
| Type of interconnection                            | Master/master, Master/slave  |
| Interconnection via                                | Bluetooth Mesh Connect       |
| Lifetime LED according to IEC-62717 (L70)          | 100000                       |
| Lifetime LED according to IEC-62717 (L80)          | 74000                        |
| Lebensdauer LED nach IES TM-21 (L70)               | 70000                        |
| Lifetime LED according to IES TM-21 (L80)          | 70000                        |
| Fuse protection B10                                | 46                           |
| Fuse protection B16                                | 74                           |
| Fuse protection C10                                | 77                           |
| Fuse protection C16                                | 122                          |
| Basic light level function in per cent             | 0 – 100 %                    |
| Output   | 15,86 W                      |
| Colour Rendering Index CRI                         | = 82                         |
| Photobiological safety in accordance with EN 62471 | RG1                          |
| Starting current, maximum                          | 13 A                         |
| Angle of aperture                                  | 160 °                        |
| IP-rating, ceiling                                 | IP40                         |
| Detection angle                                    | 360 °                        |
| Product category                                   | Sensor-switched indoor light |

## Accessories

|                    |   |
|--------------------|---|
| EAN 4007841 064143 | R-series emergency light module             |
| EAN 4007841 087234 | Adapter R-Series for Emergency Light Switch |
| EAN 4007841 084653 | Wireless push button PB2-Bluetooth          |
| EAN 4007841 084660 | Wireless push button PB4-Bluetooth          |

# RS PRO R20 plus SC MP5

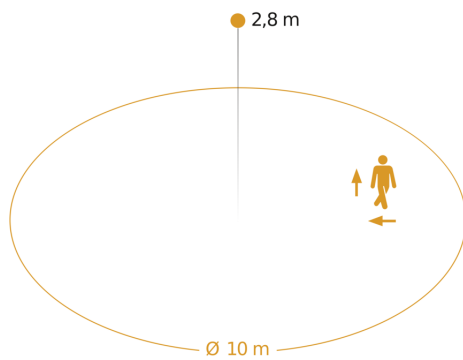
Multipack

EAN 4007841 084714

Article number 084714



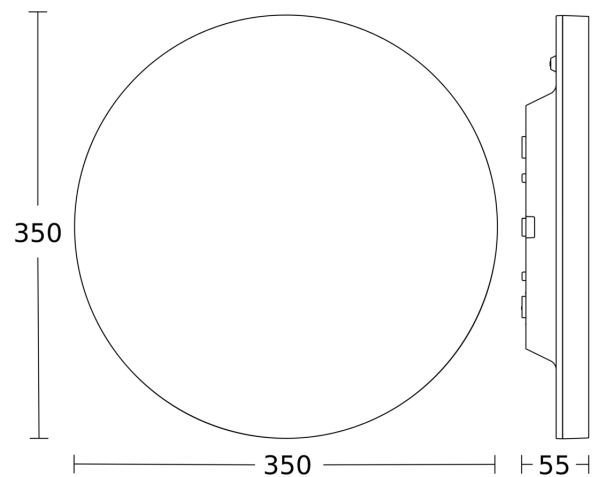
## Detection Zone



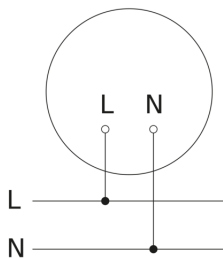
Possible mounting height: 2,00 m – 4,00 m

Orange: radial and tangential

## Dimension Drawing



## Slave/wireless master interconnection circuit diagram



## Master/master interconnection circuit diagram

