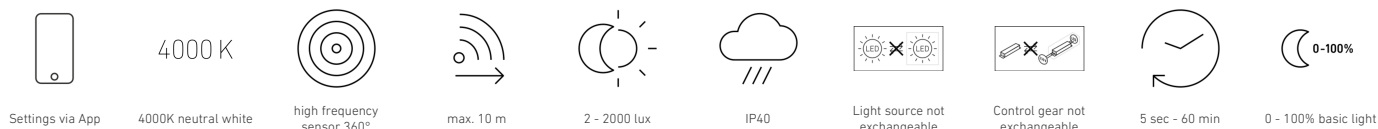


# RS PRO R30 plus SC

Neutral white

EAN 4007841 067762

Article number 067762



## Function description

Digital. Ingenious. Wirelessly adjustable via app, the digital RS PRO R30 plus SC 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. 23,7 W, 3019 lm. 4000 K, 420 x 55 mm. Emergency lighting operation is alternatively possible via connection to central battery systems.

## Technical specifications

|                                         |                                                                                                  |
|-----------------------------------------|--------------------------------------------------------------------------------------------------|
| Dimensions (Ø x H)                      | 420 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                                 | Neutral white                                                                                    |
| PU1, EAN                                | 4007841067762                                                                                    |
| 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 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 – 60 Min.                                                                                                                                                                                                                                                                                               |
| Basic light level function         | Yes                                                                                                                                                                                                                                                                                                         |
| Basic light level function, detail | LED Backlight                                                                                                                                                                                                                                                                                               |

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## Technical specifications

|                                               |                                         |
|-----------------------------------------------|-----------------------------------------|
| Impact resistance                             | IK07                                    |
| IP-rating                                     | IP40                                    |
| Protection class                              | II                                      |
| Ambient temperature                           | from -20 up to 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 mode selectable                         | 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                   | 3019 lm                                 |
| Total product efficiency                      | 127 lm/W                                |
| Colour temperature                            | 4000 K                                  |

|                                                    |                                  |
|----------------------------------------------------|----------------------------------|
| 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                   |
| Lifetime LED according to IEC-62717 (L70)          | 100000                           |
| Lifetime LED according to IEC-62717 (L80)          | 74000                            |
| LED service life according to IES TM-21 (L70)      | 60000                            |
| Lifetime LED according to IES TM-21 (L80)          | 60000                            |
| 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                                             | 23,7 W                           |
| Colour Rendering Index CRI                         | = 82                             |
| Beleuchtung durch Notlicht-Modul                   | 3 h                              |
| 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 LED 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 R30 plus SC

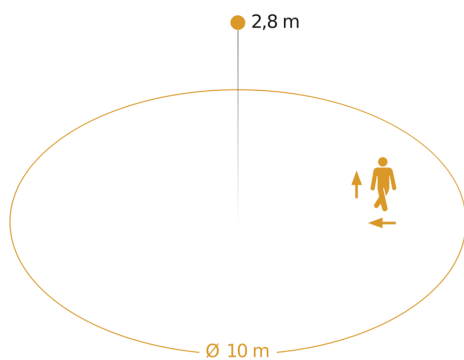
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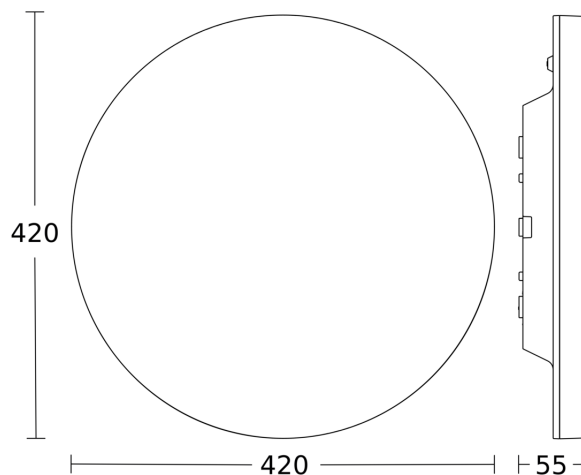


## Detection Zone

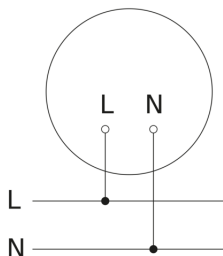


Possible mounting height: 2,00 m – 4,00 m  
Orange: radial and tangential

## Dimension Drawing



## Slave/wireless master interconnection circuit diagram



## Master/master interconnection circuit diagram

