

# RS PRO S20 SC Multipack (5 pcs.) PC neutral white

**neva**  
**lux****SENSOR-SWITCHED LED INDOOR LIGHT**

EAN 4007841081942

300 x 71 mm



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Technical Data

| IDENTIFICATION             |                                                   |  |
|----------------------------|---------------------------------------------------|--|
| PU1 EAN                    | 4007841081942                                     |  |
| Material number            | 110084446                                         |  |
| SAP designation            | LED INNENLEUCHTE RS PRO S20 SC NW PC MP           |  |
| Product name data sheet    | RS PRO S20 SC Multipack (5 pcs.) PC neutral white |  |
| Product category           | Sensor-switched LED indoor light                  |  |
| Discount group             | DL                                                |  |
| Source                     | Steinel Excel                                     |  |
| Product status             | Normal                                            |  |
| Manufacturer               | Steinel                                           |  |
| DIMENSIONS                 |                                                   |  |
| Dimensions Ø × H           | 300 x 71 mm                                       |  |
| PU1 net weight             | 6.191                                             |  |
| ELECTRICAL                 |                                                   |  |
| Mains connection           | 220 – 240 V / 50 – 60 Hz                          |  |
| Power                      | 15,7 W                                            |  |
| Own consumption            | 0,39 W                                            |  |
| B10 fuse (pcs)             | 46                                                |  |
| B16 fuse (pcs)             | 74                                                |  |
| C10 fuse (pcs)             | 77                                                |  |
| C16 fuse (pcs)             | 122                                               |  |
| Maximum inrush current     | 13 A                                              |  |
| SENSOR TECHNOLOGY          |                                                   |  |
| Max. mounting height       | 4,00 m                                            |  |
| Sensor technology          | High frequency                                    |  |
| Transmission power         | < 1 mW                                            |  |
| With motion detector       | Yes                                               |  |
| Detection                  | also through glass, wood and stud walls           |  |
| Detection angle            | 360 °                                             |  |
| Opening angle              | 160 °                                             |  |
| Segment-by-segment masking | Yes                                               |  |
| Electronic scalability     | Yes                                               |  |
| Mechanical scalability     | No                                                |  |
| Radial range               | Ø 10 m (79 m²)                                    |  |
| Tangential range           | Ø 10 m (79 m²)                                    |  |

| Mounting height                | 2 – 4,00 m                 |
|--------------------------------|----------------------------|
| Optimal mounting height        | 2,8 m                      |
| Nevalux sensor technology      | BT SIG Mesh                |
| CONNECTIVITY                   |                            |
| Networking                     | Yes                        |
| Type of networking             | Master/master Master/slave |
| Networking via                 | Bluetooth Mesh             |
| Slave mode adjustable          | Yes                        |
| LIGHTING TECHNOLOGY            |                            |
| Colour temperature             | 4000 K                     |
| LED colour deviation           | SDCM3                      |
| With illuminant                | Yes, STEINEL LED system    |
| Illuminant                     | LED cannot be replaced     |
| Base                           | without                    |
| LED cooling system             | Passive Thermo Control     |
| Soft light start               | Yes                        |
| Continuous light               | selectable, 4h             |
| LIFETIME                       |                            |
| LED lifetime max. °C           | 50000 h                    |
| Luminous flux decline per LM80 | L80B50                     |
| LED lifetime per IEC 62717 L70 | 100.000 h                  |
| LED lifetime per IEC 62717 L80 | 66.000 h                   |
| LED lifetime per IES TM-21 L70 | >60.000 h                  |
| LED lifetime per IES TM-21 L80 | >60.000 h                  |
| SETTINGS                       |                            |
| Twilight switch                | Yes                        |
| Twilight setting               | 2 – 2000 lx                |
| Time setting                   | 5 s – 60 Min.              |
| Base light function            | Yes                        |
| Base light function detail     | LED effect light           |
| Base light function time       | 1-60 min                   |
| Main light adjustable          | 5 - 100 %                  |

| Functions                        | Neighbouring group function<br>Group parameterisation<br>Manual ON / ON-OFF<br>Connection to central battery systems<br>Motions sensor<br>Adjustable fade time when switching on and off<br>Orientation light DIM function<br>Free selection of the light value in a luminaire group<br>Light sensor Normal / test mode<br>Encrypted communication |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Settings via                     | Bluetooth                                                                                                                                                                                                                                                                                                                                          |
| With remote control              | No                                                                                                                                                                                                                                                                                                                                                 |
| Twilight setting teach           | Yes                                                                                                                                                                                                                                                                                                                                                |
| Base light function in percent   | 7 – 100 %                                                                                                                                                                                                                                                                                                                                          |
| Base light function percent from | 7                                                                                                                                                                                                                                                                                                                                                  |
| Base light function percent to   | 100                                                                                                                                                                                                                                                                                                                                                |
| HOUSING & MATERIAL               |                                                                                                                                                                                                                                                                                                                                                    |
| Impact resistance                | IK07                                                                                                                                                                                                                                                                                                                                               |
| Protection class (IP)            | IP20                                                                                                                                                                                                                                                                                                                                               |
| Protection class                 | II                                                                                                                                                                                                                                                                                                                                                 |
| Ambient temperature              | from -20 up to 40 °C                                                                                                                                                                                                                                                                                                                               |
| Housing material                 | Aluminium                                                                                                                                                                                                                                                                                                                                          |
| Cover material                   | Plastic, opal                                                                                                                                                                                                                                                                                                                                      |
| Mounting location                | wall ceiling                                                                                                                                                                                                                                                                                                                                       |
| Application location             | Indoors                                                                                                                                                                                                                                                                                                                                            |
| Mounting type                    | Surface wiring                                                                                                                                                                                                                                                                                                                                     |
| Material                         | Aluminium                                                                                                                                                                                                                                                                                                                                          |
| Application room                 | corridor / aisle function room / ancillary room kitchenette changing room WC / washroom stairwell outdoors<br>Indoors                                                                                                                                                                                                                              |
| Colour                           | Silver                                                                                                                                                                                                                                                                                                                                             |
| SCOPE OF DELIVERY & WARRANTY     |                                                                                                                                                                                                                                                                                                                                                    |
| Manufacturer warranty            | 5 years                                                                                                                                                                                                                                                                                                                                            |
| House number sheet included      | No                                                                                                                                                                                                                                                                                                                                                 |
| CERTIFICATES & EPREL             |                                                                                                                                                                                                                                                                                                                                                    |
| Certificates                     | KEMA EAC                                                                                                                                                                                                                                                                                                                                           |
| EPREL category                   | Surrounded product with integrated light source                                                                                                                                                                                                                                                                                                    |

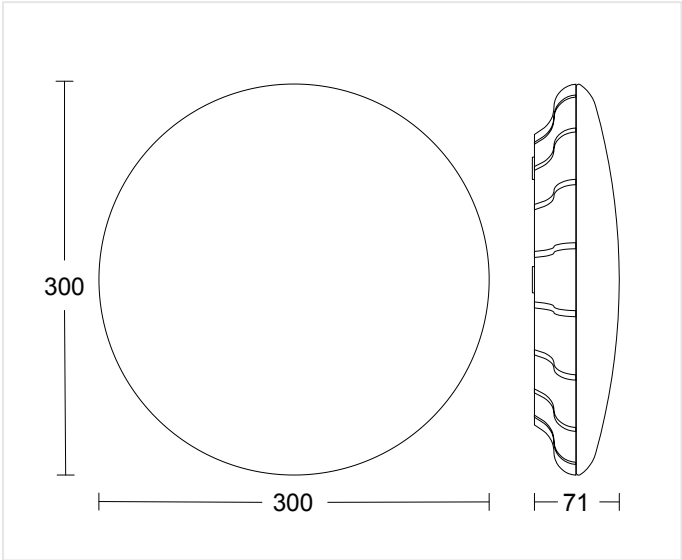
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Illustrations

TECHNICAL DRAWINGS



300 x 71 mm

MOUNTING HEIGHT

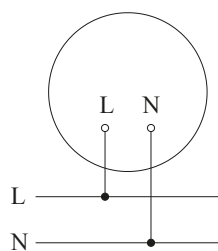
|                       |                  |               |
|-----------------------|------------------|---------------|
| 2 – 4,00 m<br>BEREICH | 2,8 m<br>OPTIMAL | 4,00 m<br>MAX |
|-----------------------|------------------|---------------|

# RS PRO S20 SC Multipack (5 pcs.) PC neutral white

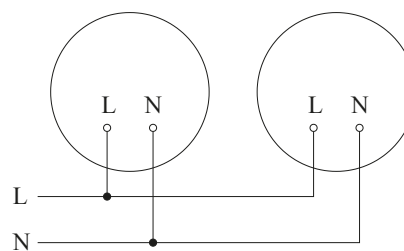
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## Wiring Diagrams

**WIRING DIAGRAM 1**

Slave/wireless master interconnection circuit diagram

**WIRING DIAGRAM 2**

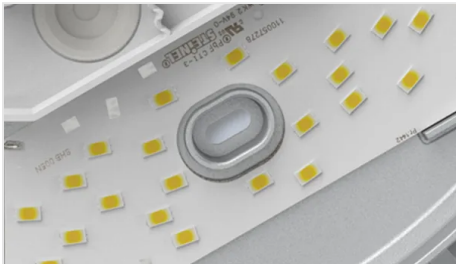
Master/master interconnection circuit diagram

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## Highlights



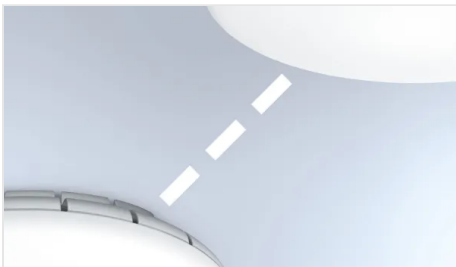
Including STEINEL LED system



Intelligent LED cooling system



Optional basic lighting level 10 %



Wireless interconnection



High-quality aluminium

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Accessories

|                      |                                                   |                    |  |
|----------------------|---------------------------------------------------|--------------------|--|
| ORDERING INFORMATION |                                                   | neva<br>lux        |  |
| Art.-Nr.             | 081942                                            | nevalux AG         |  |
| EAN                  | 4007841081942                                     | Neugrütstrasse 2   |  |
| Typ                  | RS PRO S20 SC Multipack (5 pcs.) PC neutral white | 8610 Uster         |  |
|                      |                                                   | +41 44 508 78 78   |  |
|                      |                                                   | info@nevalux.swiss |  |