

# L 845 SC with motion detector & Bluetooth

neva  
lux

SENSOR-SWITCHED LED OUTDOOR LIGHT

EAN 4007841078645

E-Nr. 941260159

● steinel

134 x 134 x 87 mm



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## Technical Data

| DIMENSIONS                 |                                             |
|----------------------------|---------------------------------------------|
| Dimensions L x W x H       | 134 x 134 x 87 mm                           |
| ELECTRICAL                 |                                             |
| Mains connection           | 220 – 240 V / 50 – 60 Hz                    |
| Power                      | 9 W                                         |
| SENSOR TECHNOLOGY          |                                             |
| Max. mounting height       | 2,50 m                                      |
| Sensor technology          | iHF (intelligent high-frequency technology) |
| With motion detector       | Yes                                         |
| Detection                  | also through glass, wood and stud walls     |
| Detection angle            | 160 °                                       |
| Opening angle              | 160 °                                       |
| Sneak-under protection     | No                                          |
| Segment-by-segment masking | No                                          |
| Electronic scalability     | Yes                                         |
| Mechanical scalability     | No                                          |
| Range detail               | Detection zone adjustable on 3 axes         |
| Tangential range           | r = 5 m (35 m²)                             |
| Mounting height            | 1,8 – 2,50 m                                |
| Optimal mounting height    | 2 m                                         |
| CONNECTIVITY               |                                             |
| Networking                 | Yes                                         |
| Type of networking         | Master/slave                                |

| Networking via                 | Bluetooth Mesh                       |
|--------------------------------|--------------------------------------|
| LIGHTING TECHNOLOGY            |                                      |
| Measured luminous flux 360°    | 655 lm                               |
| Colour temperature             | 3000 K                               |
| LED colour deviation           | SDCM3                                |
| Colour rendering index         | = 82                                 |
| 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               | individually adjustable via app      |
| LIFETIME                       |                                      |
| LED lifetime L70B50 25°C       | > 60000 h                            |
| Luminous flux decline per LM80 | L70B50                               |
| SETTINGS                       |                                      |
| Twilight switch                | Yes                                  |
| Twilight setting               | 2 – 2000 lx                          |
| Time setting                   | 5 s – 60 Min.                        |
| Base light function            | Yes                                  |
| Base light function time       | 10s-60 min Brightness-controlled OFF |
| Main light adjustable          | 10 - 100 %                           |
| Settings via                   | App Smartphone Bluetooth Mesh        |

| With remote control              | No                                                                                |
|----------------------------------|-----------------------------------------------------------------------------------|
| Twilight setting teach           | Yes                                                                               |
| Base light function in percent   | 10 – 100 %                                                                        |
| Base light function percent from | 10 %                                                                              |
| HOUSING & MATERIAL               |                                                                                   |
| Impact resistance                | IK03                                                                              |
| Protection class (IP)            | IP44                                                                              |
| Protection class                 | I                                                                                 |
| Ambient temperature              | from -20 up to 40 °C                                                              |
| Housing material                 | Aluminium                                                                         |
| Cover material                   | Plastic, opal                                                                     |
| Mounting location                | wall                                                                              |
| Application location             | Outdoors                                                                          |
| Mounting type                    | Surface wiring                                                                    |
| Material                         | Aluminium                                                                         |
| Application room                 | all round the building courtyard & driveway front door outdoors terrace / balcony |
| SCOPE OF DELIVERY & WARRANTY     |                                                                                   |
| Manufacturer warranty            | 5 years                                                                           |
| House number sheet included      | No                                                                                |
| CERTIFICATES & EPREL             |                                                                                   |
| EPREL category                   | Surrounded product with integrated light source                                   |

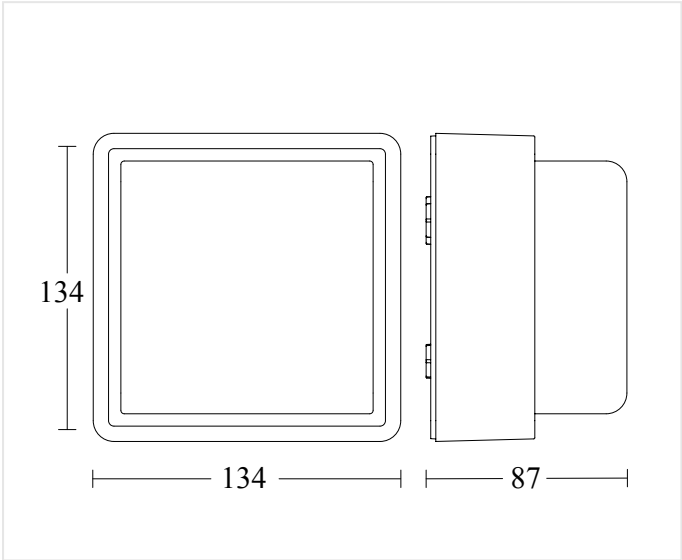
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Illustrations

TECHNICAL DRAWINGS



134 x 134 x 87 mm

MOUNTING HEIGHT

|                         |                |               |
|-------------------------|----------------|---------------|
| 1,8 – 2,50 m<br>BEREICH | 2 m<br>OPTIMAL | 2,50 m<br>MAX |
|-------------------------|----------------|---------------|

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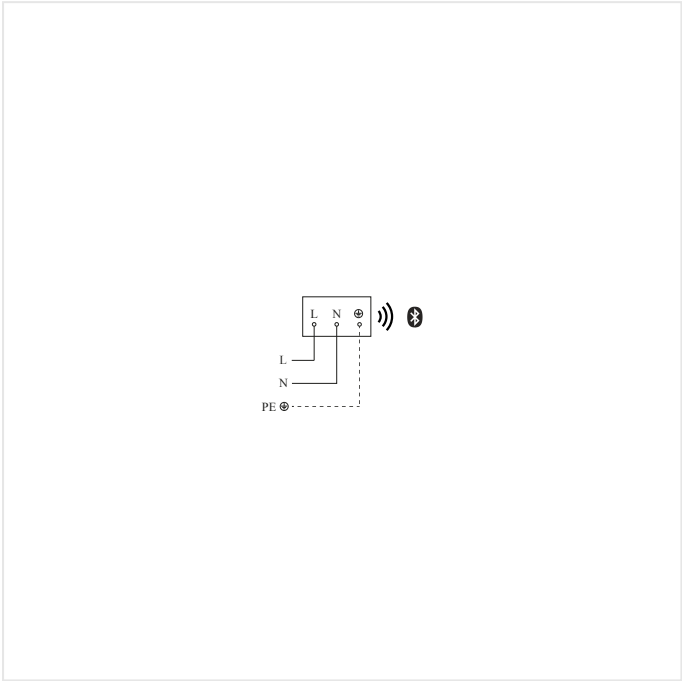
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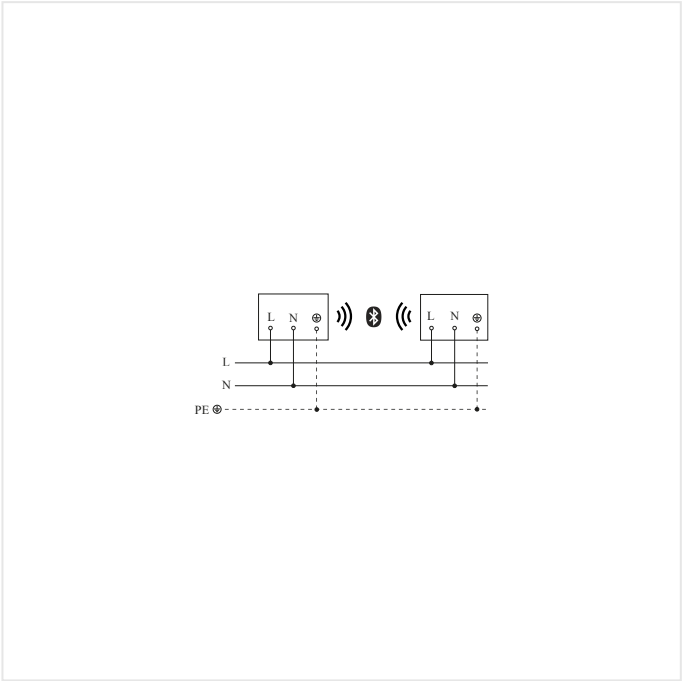
Wiring Diagrams

WIRING DIAGRAM 1



Circuit diagram Bluetooth

WIRING DIAGRAM 2



Circuit diagram Bluetooth

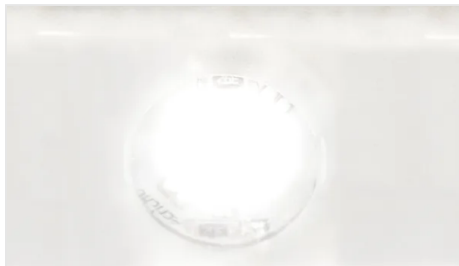
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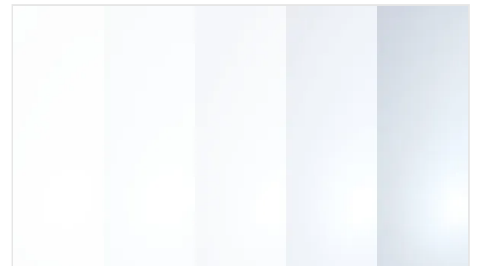
## Highlights



Including STEINEL LED system



Concealed iHF sensor



Intelligent soft light start



Optional basic lighting level 10 - 100 %



High-quality aluminium



Continuous light individually switchable (optional)

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Accessories

| ORDERING INFORMATION |                                           |
|----------------------|-------------------------------------------|
| Art.-Nr.             | 078645                                    |
| EAN                  | 4007841078645                             |
| E-Number             | 941260159                                 |
| Typ                  | L 845 SC with motion detector & Bluetooth |

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