

# L 830 SC Anthracite

SENSOR-SWITCHED LED OUTDOOR LIGHT

neva  
lux

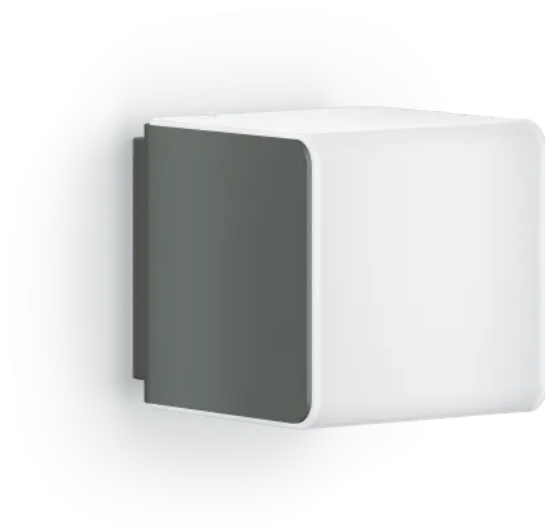
EAN 4007841055493

E-Nr. 941200029

- Outdoor light with motion detector and effective lighting upwards and downwards (Up- & Downlight)
- Elegant and modern design in cube format made of UV-resistant material
- Wireless networking via Bluetooth Mesh and easy setting via STEINEL Connect App
- Automatic light thanks to invisibly integrated 160° high-frequency sensor with up to 5 m detection of movement
- Functions: adjustable basic and main light, pleasant soft light start, continuous light, scheduling function
- Warm white light (3000 K) and long-life 9,1 W LEDs with 493 lm
- Incl. mounting accessories - plastic-free packaging

● steinel

132 x 110 x 110 mm



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Technical Data

| DIMENSIONS                 |                                             |
|----------------------------|---------------------------------------------|
| Dimensions L x W x H       | 132 x 110 x 110 mm                          |
| ELECTRICAL                 |                                             |
| Mains connection           | 220 – 240 V / 50 – 60 Hz                    |
| Power                      | 9,1 W                                       |
| Own consumption            | 0,44 W                                      |
| SENSOR TECHNOLOGY          |                                             |
| Max. mounting height       | 2,50 m                                      |
| Sensor technology          | iHF (intelligent high-frequency technology) |
| With motion detector       | Yes                                         |
| Detection angle            | 160 °                                       |
| Opening angle              | 160 °                                       |
| Segment-by-segment masking | Yes                                         |
| Electronic scalability     | Yes                                         |
| Mechanical scalability     | Yes                                         |
| Range detail               | Detection zone adjustable on 2 axes         |
| Radial range               | r = 5 m (35 m²)                             |
| Tangential range           | r = 5 m (35 m²)                             |
| Mounting height            | 1,80 – 2,50 m                               |
| Optimal mounting height    | 2 m                                         |
| CONNECTIVITY               |                                             |
| Networking                 | Yes                                         |
| Networking via             | Bluetooth Mesh                              |
| Slave mode adjustable      | Yes                                         |

| LIGHTING TECHNOLOGY         |                                                                                             |
|-----------------------------|---------------------------------------------------------------------------------------------|
| Measured luminous flux 360° | 493 lm                                                                                      |
| Efficiency                  | 54 lm/W                                                                                     |
| Colour temperature          | 3000 K                                                                                      |
| Colour rendering index      | 80-89                                                                                       |
| 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                                                                                  |
| Efficiency without cover    | 86 lm/W                                                                                     |
| LIFETIME                    |                                                                                             |
| LED lifetime max. °C        | 50000 h                                                                                     |
| LED lifetime L70B50 25°C    | > 60000 h                                                                                   |
| SETTINGS                    |                                                                                             |
| Twilight switch             | Yes                                                                                         |
| Twilight setting            | 2 – 2000 lx                                                                                 |
| Time setting                | 5 s – 60 Min.                                                                               |
| Base light function         | Yes                                                                                         |
| Base light function time    | 10 sec - 60 min                                                                             |
| Main light adjustable       | 0 - 100 %                                                                                   |
| Functions                   | Motions sensor Selecting programmed lighting scenarios Night economy mode Lighting scenario |
| Settings via                | Bluetooth Mesh App Smartphone Tablet                                                        |

| With remote control              | No                                                                                       |
|----------------------------------|------------------------------------------------------------------------------------------|
| Twilight setting teach           | Yes                                                                                      |
| Base light function in percent   | 0 – 100 %                                                                                |
| Base light function percent from | 0 %                                                                                      |
| HOUSING & MATERIAL               |                                                                                          |
| Impact resistance                | IK03                                                                                     |
| Protection class (IP)            | IP44                                                                                     |
| Protection class                 | II                                                                                       |
| Ambient temperature              | from -20 up to 40 °C                                                                     |
| Housing material                 | Plastic                                                                                  |
| Cover material                   | Plastic, opal                                                                            |
| Mounting location                | wall                                                                                     |
| Application location             | Outdoors                                                                                 |
| Mounting type                    | Surface wiring                                                                           |
| Application room                 | all round the building courtyard & driveway front door garden outdoors terrace / balcony |
| Colour                           | Anthracite                                                                               |
| SCOPE OF DELIVERY & WARRANTY     |                                                                                          |
| Manufacturer warranty            | 3 years                                                                                  |
| House number sheet included      | No                                                                                       |
| CERTIFICATES & EPREL             |                                                                                          |
| EPREL category                   | Surrounded product with integrated light source                                          |

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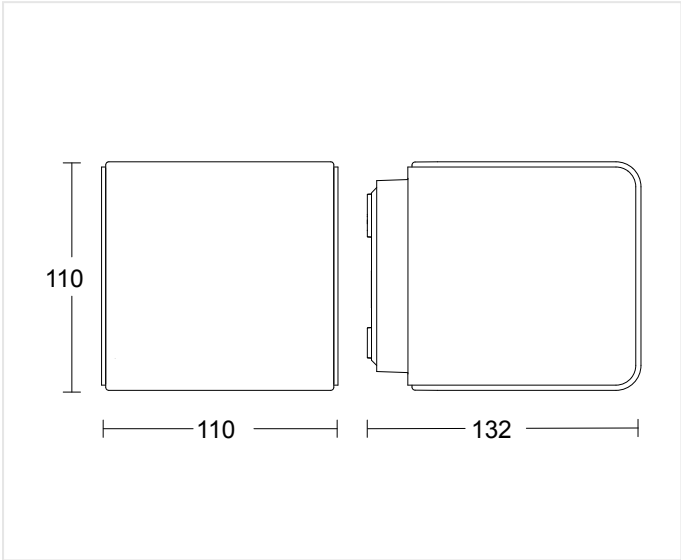
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Illustrations

TECHNICAL DRAWINGS



132 x 110 x 110 mm

MOUNTING HEIGHT

|                          |                |               |
|--------------------------|----------------|---------------|
| 1,80 – 2,50 m<br>BEREICH | 2 m<br>OPTIMAL | 2,50 m<br>MAX |
|--------------------------|----------------|---------------|

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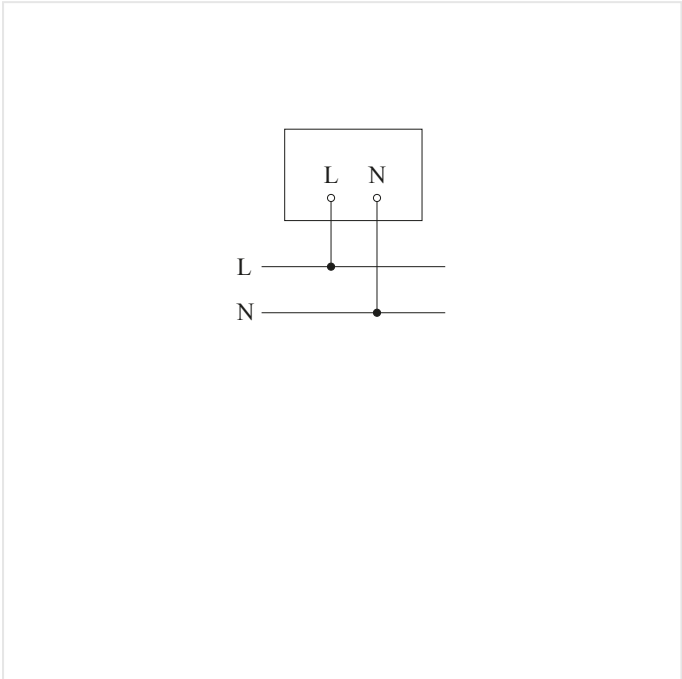
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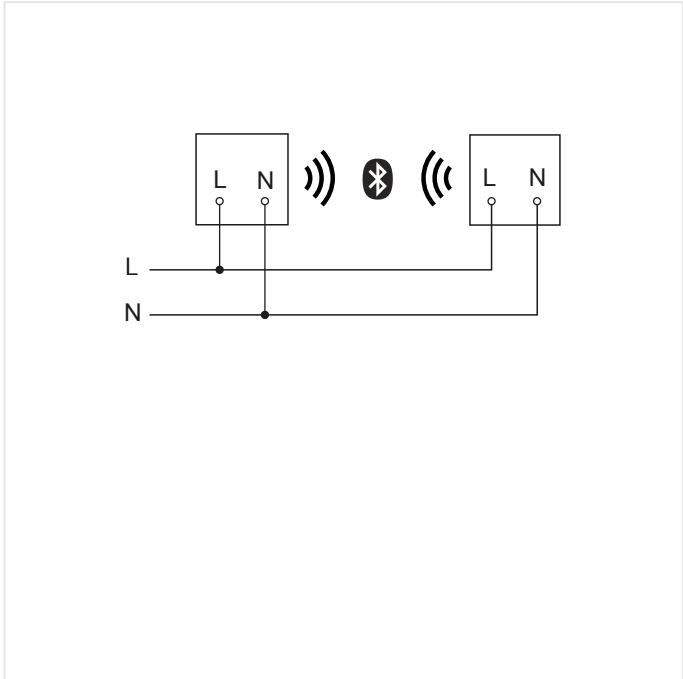
Wiring Diagrams

WIRING DIAGRAM 1



Master/slave interconnection circuit diagram

WIRING DIAGRAM 2



Master/master interconnection circuit diagram

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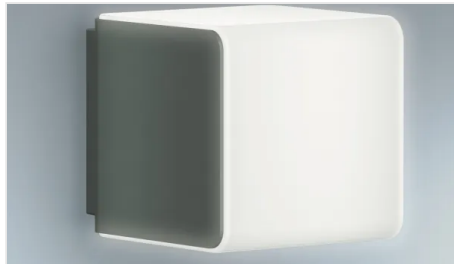
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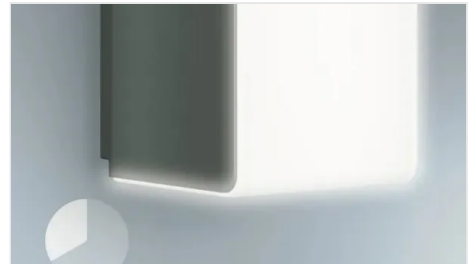
## Highlights



Intelligent soft light start



Adjustable main and basic light brightness  
(10 - 100%)



Continuous light individually switchable  
(optional)



UV resistant material

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Accessories

| ARTICLE NUMBER                                                                                  | DESCRIPTION           | CATEGORY          |
|-------------------------------------------------------------------------------------------------|-----------------------|-------------------|
|  4007841088620 | Funkschalter TapDuo C | System components |

ORDERING INFORMATION

Art.-Nr.

055493

EAN

4007841055493

E-Number

941200029

Typ

L 830 SC Anthracite

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