

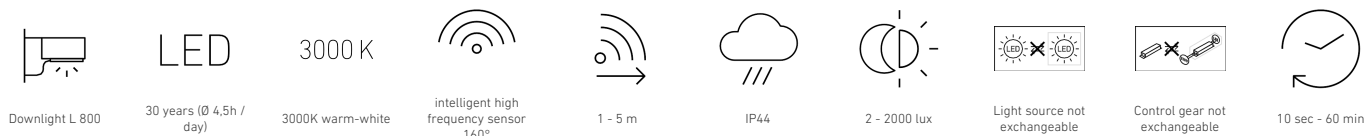
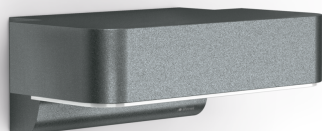
Sensor-switched LED outdoor light

# L 800 SC

Anthracite

EAN 4007841 065690

Article number 065690



## Function description

The most modern outdoor light in the world. Designer sensor-switched outdoor light L 800 SC with invisible high-frequency sensor, ideal for building entrances and fronts of buildings, 7,5 W STEINEL LED lighting system, 466 lm, 160° coverage angle, reach from 1 - 5 m, for stylish downlighting, includes soft light start and optional manual override for 4 hours. Wirelessly interconnectable by Bluetooth Mesh and adjustable and controllable via free app.

## Technical specifications

|                                         |                                                                                     |                               |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|-------------------------------|-----------------------------------|
| Dimensions (L x W x H)                  | 145 x 230 x 88 mm                                                                   | Photo-cell controller         | Yes                               |
| With lamp                               | Yes, LED lamp                                                                       | Transmitter range             | 30 m                              |
| Manufacturer's Warranty                 | 3 years                                                                             | Transmitter power             | < 1 mW                            |
| Settings via                            | App, Connect Bluetooth Mesh                                                         | Luminous flux total product   | 466 lm                            |
| With remote control                     | No                                                                                  | Measured luminous flux (360°) | 466 lm                            |
| Version                                 | Anthracite                                                                          | Total product efficiency      | 62 lm/W                           |
| PU1, EAN                                | 4007841065690                                                                       | Colour temperature            | 3000 K                            |
| Application, place                      | Outdoors                                                                            | Lamp                          | LED cannot be replaced            |
| Application, room                       | garden, front door, courtyard & driveway, all round the building, terrace / balcony | Service life LED L70B50 (25°) | > 60000 h                         |
| Colour                                  | Anthracite                                                                          | Base                          | without                           |
| includes sheet of self-adhesive numbers | No                                                                                  | LED cooling system            | Active and Passive Thermo Control |
| Installation site                       | wall                                                                                | Soft light start              | Yes                               |
| Impact resistance                       | IK03                                                                                | Continuous light              | selectable                        |
| IP-rating                               | IP44                                                                                | Functions                     | Motions sensor                    |
| Protection class                        | II                                                                                  | Twilight setting              | 2 – 2000 lx                       |
|                                         |                                                                                     | Time setting                  | 5 s – 60 Min.                     |
|                                         |                                                                                     | Basic light level function    | Yes                               |

<https://www.steinel.de>

Subject to technical modifications

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## Technical specifications

|                                               |                                     |
|-----------------------------------------------|-------------------------------------|
| Ambient temperature                           | -20 – 40 °C                         |
| Housing material                              | Aluminium                           |
| Cover material                                | Plastic, opal                       |
| Mains power supply                            | 220 – 240 V / 50 – 60 Hz            |
| Output                                        | 7,5 W                               |
| Mounting height max.                          | 2,50 m                              |
| Slave modeselectable                          | Yes                                 |
| Sneak-by guard                                | Yes                                 |
| Capability of masking out individual segments | No                                  |
| Electronic scalability                        | Yes                                 |
| Mechanical scalability                        | No                                  |
| Reach, detail                                 | Detection zone adjustable on 2 axes |
| Reach, radial                                 | r = 5 m (35 m <sup>2</sup> )        |
| Reach, tangential                             | r = 5 m (35 m <sup>2</sup> )        |

|                                              |                                             |
|----------------------------------------------|---------------------------------------------|
| Basic light level function time              | OFF, Brightness-controlled, 10 sec – 60 min |
| Main light adjustable                        | 0 - 100 %                                   |
| Interconnection                              | Yes                                         |
| Type of interconnection                      | Master/master, Master/slave                 |
| Basic light level function in per cent       | 10 – 100 %                                  |
| Basic light level function percentage, from  | 10 %                                        |
| Basic light level function percentage, up to | 100 %                                       |
| Interconnection via                          | Bluetooth Mesh Connect                      |
| Colour Rendering Index CRI                   | = 82                                        |
| Optimum mounting height                      | 2 m                                         |
| Detection angle                              | 160 °                                       |

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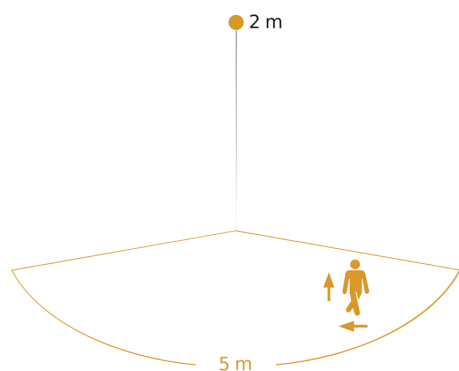
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## Detection Zone



Possible mounting height: 1,80 m – 2,50 m  
Orange: radial and tangential

## Dimension Drawing



## Circuit diagram Bluetooth

