

Sensor-switched LED outdoor light

# L 840 SC

Silver  
EAN 4007841 055547  
Article number 055547



LED

30 years (Ø 4,5h / day)

3000 K

3000K warm-white



intelligent high frequency sensor 160°



1 - 5 m



IP44



2 - 2000 lux



5 sec - 60 min



Light source not exchangeable



Control gear not exchangeable



soft light start

## Function description

Digital. Interconnected. Intelligent. The Cube series captivates with a classy look and embellishes any building. With concealed 160° iHF sensor (5 m reach) that only responds to human movement. Night-light function, soft light start and 4-hour manual override (3000 K). Wireless interconnection via Bluetooth, any chosen settings via STEINEL app. Three design options. Available in anthracite, silver and black.

## Technical specifications

|   |   |
|---|---|
| Dimensions (L x W x H)                  | 134 x 110 x 110 mm  |
| With lamp                               | Yes, STEINEL LED system   |
| Manufacturer's Warranty                 | 3 years   |
| Settings via                            | Bluetooth, App, Smartphone  |
| With remote control                     | No  |
| Version                                 | Silver  |
| PU1, EAN                                | 4007841055547   |
| Application, place                      | Outdoors  |
| Application, room                       | outdoors, garden, front door, courtyard & driveway, all round the building, terrace / balcony |
| Colour                                  | Silver  |
| includes sheet of self-adhesive numbers | No  |
| Installation site                       | wall  |
| Impact resistance                       | IK03  |
| IP-rating                               | IP44  |
| Protection class                        | II  |

|                               |  |
|-------------------------------|--|
| Reach, tangential             | r = 5 m (35 m <sup>2</sup> )   |
| Photo-cell controller         | Yes  |
| Luminous flux total product   | 319 lm   |
| Measured luminous flux (360°) | 319 lm   |
| Total product efficiency      | 35 lm/W  |
| Colour temperature            | 3000 K   |
| Lamp                          | LED cannot be replaced   |
| LED life expectancy (max. °C) | 50000 h  |
| Service life LED L70B50 (25°) | > 60000 h  |
| Base                          | without  |
| LED cooling system            | Passive Thermo Control   |
| Soft light start              | Yes  |
| Continuous light              | selectable, 4h   |
| Functions                     | Motions sensor, Selecting programmed lighting scenarios, Lighting scenario, Night economy mode |
| Twilight setting              | 2 – 2000 lx  |

<https://www.steinel.de>

Subject to technical modifications

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## Technical specifications

|   |                                     |
|---|-------------------------------------|
| Ambient temperature                           | -20 – 40 °C                         |
| Housing material                              | Plastic                             |
| Cover material                                | Plastic, opal                       |
| Mains power supply                            | 220 – 240 V / 50 – 60 Hz            |
| Output  | 9,1 W                               |
| Mounting height max.                          | 2,50 m                              |
| Slave modeselectable                          | Yes                                 |
| Angle of aperture                             | 160 °                               |
| Capability of masking out individual segments | Yes                                 |
| Electronic scalability                        | Yes                                 |
| Mechanical scalability                        | Yes                                 |
| Reach, detail                                 | Detection zone adjustable on 2 axes |
| Reach, radial                                 | r = 5 m (35 m <sup>2</sup> )        |

|  |                        |
|--|------------------------|
| Time setting                                 | 5 s – 60 Min.          |
| Basic light level function                   | Yes                    |
| Basic light level function time              | 10/30 min, all night   |
| Main light adjustable                        | 10 - 100 %             |
| Twilight setting TEACH                       | Yes                    |
| Interconnection                              | Yes                    |
| Basic light level function in per cent       | 10 – 50 %              |
| Basic light level function percentage, from  | 10 %                   |
| Basic light level function percentage, up to | 50 %                   |
| Interconnection via                          | Bluetooth Mesh Connect |
| Colour Rendering Index CRI                   | = 82                   |
| Optimum mounting height                      | 2 m                    |

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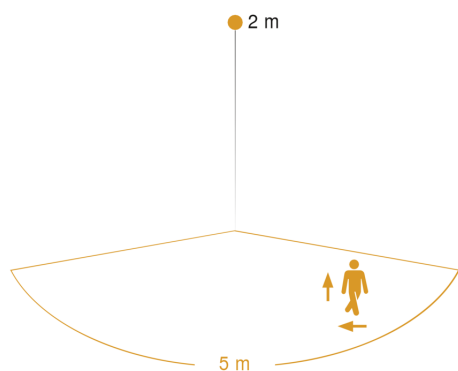
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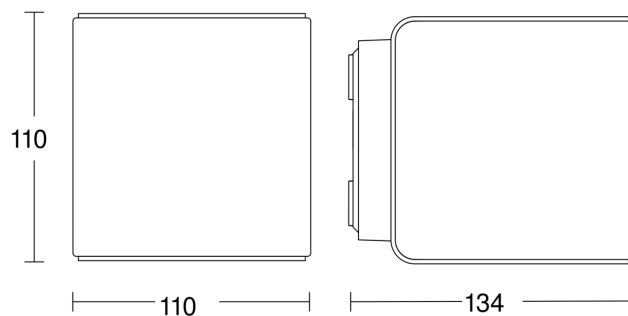
## Detection Zone



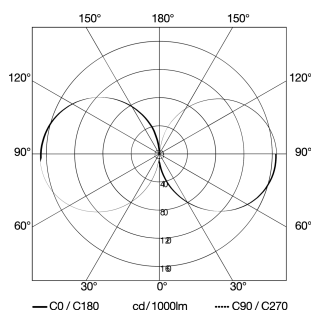
Mögliche Montagehöhe: 1,80 m – 2,50 m

Orange: radial und tangential

## Dimension Drawing

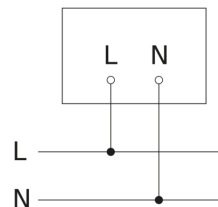


## Light Distribution Curve



|                               |                         |
|-------------------------------|-------------------------|
| Output                        | 9,1 W                   |
| With lamp                     | Yes, STEINEL LED system |
| Lamp                          | LED cannot be replaced  |
| Measured luminous flux (360°) | 319 lm                  |
| Colour temperature            | 3000 K                  |
| Colour Rendering Index        | 80-89                   |
| LED life expectancy (max. °C) | 50000 h                 |
| LED cooling system            | Passive Thermo Control  |

## Master/slave interconnection circuit diagram



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## Master/master interconnection circuit diagram

