

Sensor-switched LED outdoor light

# L 840 SC

Silver

EAN 4007841 055547

Article number 055547



LED

30 years (0 4,5h / day)



1 - 5 m



intelligent high frequency sensor 160°

3000 K

3000K warm-white



2 - 2000 lux



5 sec - 60 min



IP44



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. With soft light start, night light (10–100%), main light (10–100%), permanent light and scheduling function. Wireless interconnection via Bluetooth, any chosen settings via STEINEL app. Three design options. Available in anthracite and silver.

## 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 Mesh, App, Smartphone, Tablet                                                       |
| 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                                                                                            |
| Package content                         | 1                                                                                             |
| Installation site                       | wall                                                                                          |
| Impact resistance                       | IK03                                                                                          |

|                               |                                                                                        |
|-------------------------------|----------------------------------------------------------------------------------------|
| 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                                                                             |
| Functions                     | Motions sensor, Selecting programmed lighting scenarios, Night mode, Lighting scenario |
| 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

|                                               |                                     |
|-----------------------------------------------|-------------------------------------|
| IP-rating                                     | IP44                                |
| Protection class                              | II                                  |
| Ambient temperature                           | from -20 up to 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                                 |
| 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> )        |
| Reach, tangential                             | r = 5 m (35 m <sup>2</sup> )        |

|                                              |                                   |
|----------------------------------------------|-----------------------------------|
| Basic light level function time              | 10 sec - 60 min                   |
| Main light adjustable                        | 0 - 100 %                         |
| Twilight setting TEACH                       | Yes                               |
| Interconnection                              | Yes                               |
| Basic light level function in per cent       | 0 – 100 %                         |
| Basic light level function percentage, from  | 0 %                               |
| Basic light level function percentage, up to | 100 %                             |
| Interconnection via                          | Bluetooth Mesh                    |
| Colour Rendering Index CRI                   | = 82                              |
| Optimum mounting height                      | 2 m                               |
| Detection angle                              | 160 °                             |
| Product category                             | Sensor-switched LED outdoor light |

## Accessories

EAN 4007841 088620

Wireless pushbutton TapDuo C

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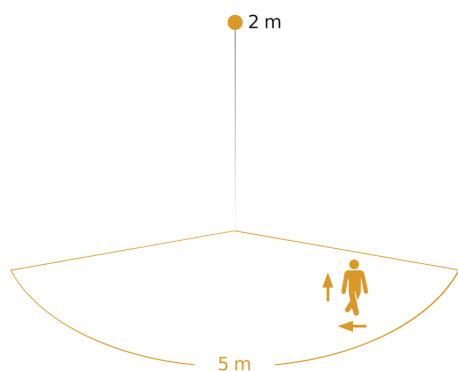
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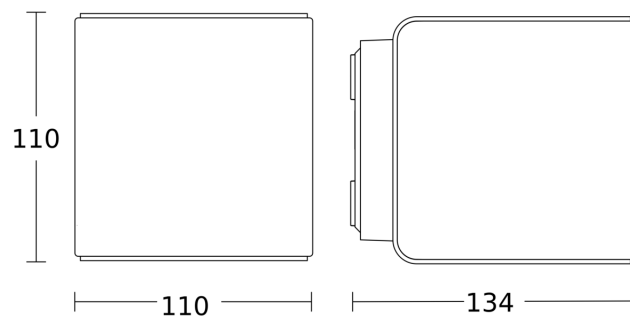


## Detection Zone

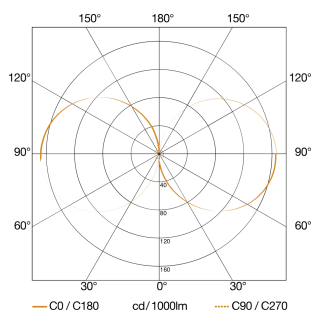


Possible mounting height: 1,80 m – 2,50 m  
Orange: radial and tangential

## Dimension Drawing

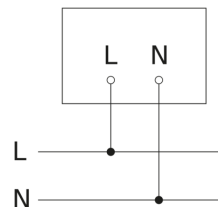


## Light Distribution Curve



|                               |                         |
|-------------------------------|-------------------------|
| 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

