Sensor-switched LED outdoor light

L 830 SC

Silver
EAN 4007841 055509
Article number 055509



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)	132 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	4007841055509
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^2)
Photo-cell controller	Yes
Luminous flux total product	523 lm
Measured luminos flux (360°)	523 lm
Total product efficiency	57 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

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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^2)

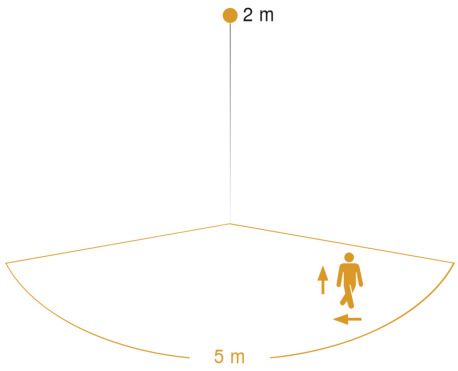
Time setting	5 s – 60 Min.
Basic light level function	Yes
Basic light level function time	10/30 min, all night
Main light adjustable	10 - 100 %
Twilight setting TEACH	Yes
Interconnection	Yes
Basic light level function in per cent	10 – 50 %
Basic light level function percentage, from	10 %
Basic light 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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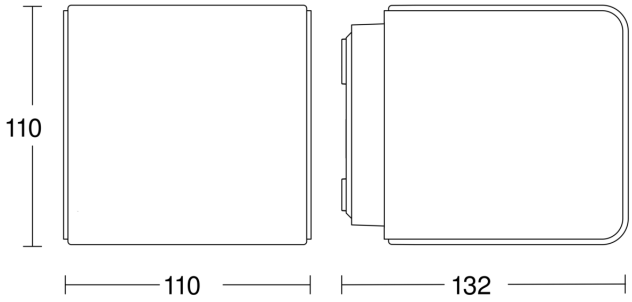
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Detection Zone

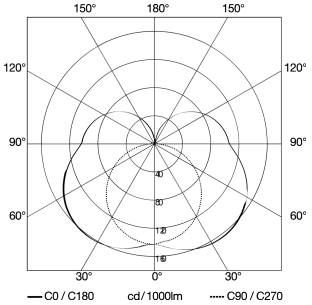


Mögliche Montagehöhe: 1,80 m – 2,50 m
Orange: radial und tangential

Dimension Drawing

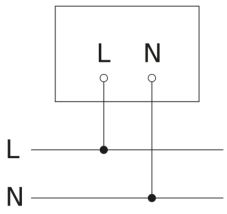


Light Distribution Curve



Output	9,1 W
With lamp	Yes, STEINEL LED system
Lamp	LED cannot be replaced
Measured luminos flux (360°)	523 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

