

Sensor-switched LED outdoor light

L 830 SC

Anthracite
EAN 4007841 055493
Article number 055493



LED	3000 K								
30 years (0 4,5h / day)	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	Connect Bluetooth Mesh, App, Smartphone, Tablet
With remote control	No
Version	Anthracite
PU1, EAN	4007841055493
Application, place	Outdoors
Application, room	outdoors, garden, front door, courtyard & driveway, all round the building, terrace / balcony
Colour	Anthracite
includes sheet of self-adhesive numbers	No
Installation site	wall
Impact resistance	IK03
IP-rating	IP44

Reach, tangential	r = 5 m (35 m ²)
Photo-cell controller	Yes
Luminous flux total product	493 lm
Measured luminous flux (360°)	493 lm
Total product efficiency	54 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 economy mode, Lighting scenario
Twilight setting	2 – 2000 lx

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Technical specifications

Protection class	II
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
Power consumption	0,44 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 ²)

Time setting	5 s – 60 Min.
Basic light level function	Yes
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 Connect
Colour Rendering Index CRI	= 82
Optimum mounting height	2 m
Detection angle	160 °

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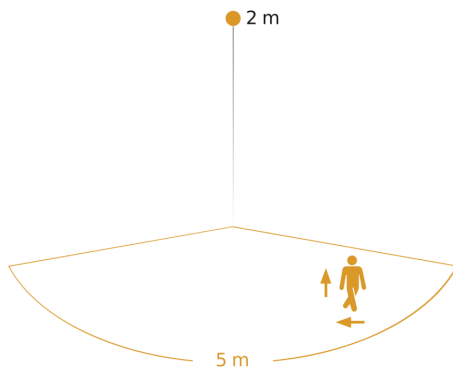
Anthracite

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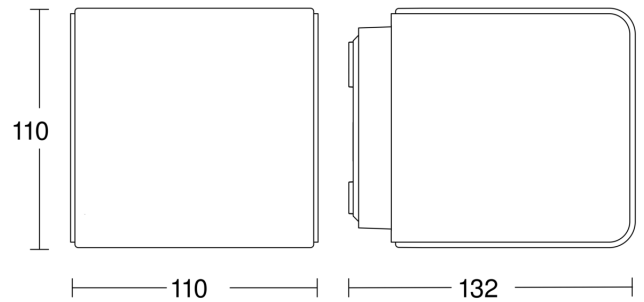
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Detection Zone

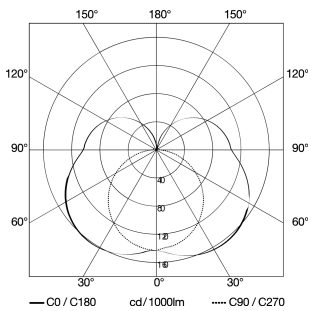


Dimension Drawing



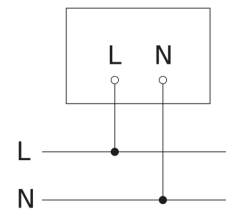
Possible mounting height: 1,80 m - 2,50 m
Orange: radial and tangential

Light Distribution Curve



Output	9,1 W
With lamp	Yes, STEINEL LED system
Lamp	LED cannot be replaced
Measured luminous flux (360°)	493 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

