Sensor-switched LED outdoor light - Professional Line

L 845 SC

with motion detector & Bluetooth
EAN 4007841 078645
Article number 078645

LED
36 Jahre (Ø 4,5 Std / Tag)

Außenleuchte

3000 K
3000K warmweiß

2 - 2000 Lux

Ø 1 - 5 m

0-100%
0 - 100% Grundlicht

0-100%
0 - 100% Hauptlicht

Lichtquelle nicht austauschbar

Betriebsgerät nicht austauschbar

Softlichtstart

Function description

Connected lighting – the top-class light cube. Cube design L 845 SC wall light in an elegant aluminium housing. Featuring an invisible 160° high-frequency sensor (5 m detection radius). Luminous flux: 655 lm, power: 9 W colour temperature: 3000 K. With interconnected group function. Wireless commissioning, setting up and networking via Bluetooth Mesh and the STEINEL Connect app. Soft light start, basic light (0-100%) and dimmable main light (0-100%). The L 845 C is also available without a sensor.

Technical specifications

Dimensions (L x W x H)	134 x 134 x 87 mm
With lamp	Yes, STEINEL LED system
Manufacturer's Warranty	5 years
Settings via	App, Smartphone, Connect Bluetooth Mesh
With remote control	No
Version	with motion detector & Bluetooth
PU1, EAN	4007841078645
Application, place	Outdoors
Application, room	outdoors, front door, all round the building, terrace / balcony, courtyard & driveway
includes sheet of self-adhesive numbers	No
Installation site	wall
Impact resistance	IK03
IP-rating	IP44
Protection class	I

Luminous flux total product	655 lm
Measured luminos flux (360°)	655 lm
Total product efficiency	72,7 lm/W
Colour temperature	3000 K
Colour variation LED	SDCM3
Lamp	LED cannot be replaced
Service life LED L70B50 (25°)	> 60000 h
Drop in luminous flux in accordance with LM80	L70B50
Base	without
LED cooling system	Passive Thermo Control
Soft light start	Yes
Continuous light	selectable
Twilight setting	2 – 2000 lx
Time setting	5 s – 60 Min.
Basic light level function	Yes

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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	9 W
Mounting height max.	2,50 m
Detection	also through glass, wood and stud walls
Sneak-by guard	No
Capability of masking out individual segments	No
Electronic scalability	Yes
Mechanical scalability	No
Reach, detail	Detection zone adjustable on 3 axes
Reach, tangential	r = 5 m (35 m^2)
Photo-cell controller	Yes

Basic light level function time	10s-60 min, Brightness-controlled, OFF
Main light adjustable	0 - 100 %
Twilight setting TEACH	Yes
Interconnection	Yes
Type of interconnection	Master/slave
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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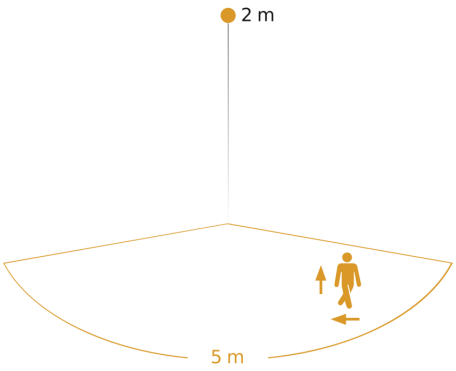
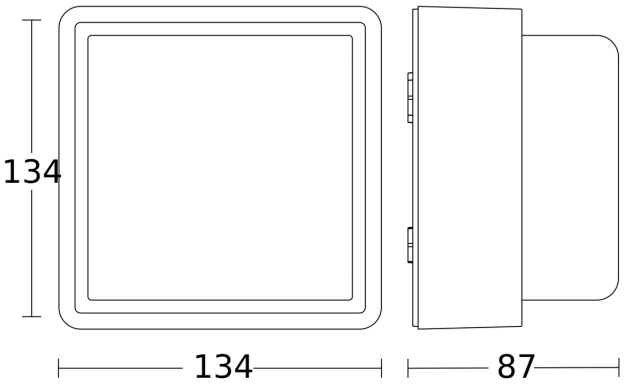
Detection Zone

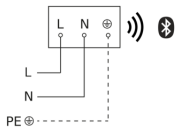
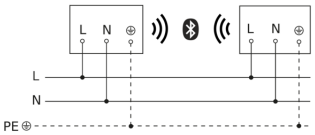


Possible mounting height: 1,80 m – 2,50 m
Orange: radial and tangential

Dimension Drawing



Circuit diagram Bluetooth



Circuit diagram Bluetooth