Sensor-switched LED outdoor light - Professional Line

GL 85 SC 900

with motion detector
EAN 4007841 078683
Article number 078683

LED
36 years (Ø 4,5h / day)

3000 K
3000K warm-white

1 - 5 m

outdoor light

2 - 2000 lux

5 sec - 60 min

0-100%
0 - 100% basic light

Light source not exchangeable

Control gear not exchangeable

0-100%
0 - 100% main light brightness

Function description

Connected Lighting - Completes an object with intelligent light in the outdoor area. High-quality aluminium path luminaire GL 85 SC 900 in cubic design and 90 cm height. With 655 lm at 9 W (3000 K). With invisible 160° high-frequency sensor and 5 m detection radius. Time-saving wireless commissioning, setting and cross-range networking via Bluetooth Mesh and Connect App. With neighbour group function, soft light start, basic light (0-100%) and dimmable main light (0-100%).

Technical specifications

Dimensions (L x W x H)	136 x 146 x 900 mm
With lamp	Yes, STEINEL LED system
Manufacturer's Warranty	5 years
Settings via	App, Connect Bluetooth Mesh, Smartphone
With remote control	No
Version	with motion detector
PU1, EAN	4007841078683
Application, place	Outdoors
Application, room	outdoors, garden
includes sheet of self-adhesive numbers	No
Installation site	Stand mounted
Impact resistance	IK03
IP-rating	IP44
Protection class	I
Ambient temperature	from -20 up to 40 °C

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
Soft light start	Yes
Continuous light	selectable, 4h
Functions	Motions sensor, Neighbouring group function
Twilight setting	2 – 2000 lx
Time setting	5 s – 60 Min.
Basic light level function	Yes

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Technical specifications

Housing material	Aluminium
Cover material	Plastic, opal
Mains power supply	220 – 240 V / 50 – 60 Hz
Output	9 W
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, radial	r = 5 m (35 m^2)
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	10 – 100 %
Basic light level function percentage, from	10 %
Basic light level function percentage, up to	100 %
Interconnection via	Bluetooth Mesh Connect
Colour Rendering Index CRI	= 82
Detection angle	160 °
Product category	Sensor-switched LED outdoor light

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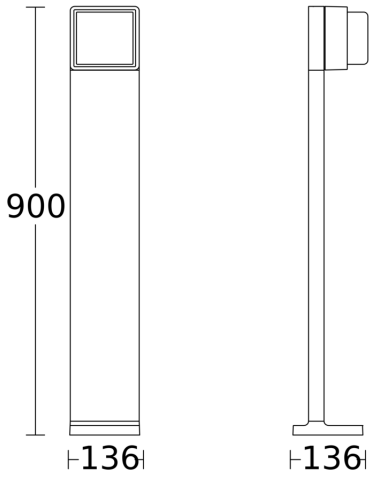
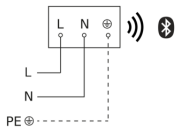
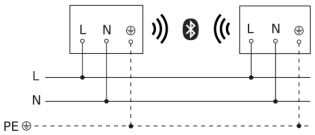
Detection Zone

Dimension Drawing



Circuit diagram Bluetooth



Circuit diagram Bluetooth