Sensor-switched LED outdoor light - Professional Line

GL 85 SC 900

with motion detector
EAN 4007841 078683
Article number 078683

.steinel

LED	3000 K					10-100%			10-100%
36 years (Ø 4,5h / day)	3000K warm-white	1 - 5 m	outdoor light	2 - 2000 lux	5 sec - 60 min	10 - 100% basic brightness	Light source not exchangeable	Control gear not exchangeable	10 - 100% main light brightness

Function description

Connected lighting – top-of-the-range pioneering lights. High-quality GL 85 SC aluminium path light in a cube design. With 655 lm at 9 W (3000 K). Featuring an invisible 160° high-frequency sensor and 5 m detection radius. Time-saving wireless commissioning, setting up and networking via Bluetooth Mesh and Connect app. With an interconnected group function, soft light start, basic light (10-100%) and dimmable main light (10-100%). Available in two heights: 60 cm and 90 cm. Also available without sensor (GL 85 C).

Technical specifications

Dimensions (L x W x H)	136 x 146 x 900 mm	Luminous flux total product	655 lm
With lamp	Yes, STEINEL LED system	Measured luminos flux (360°)	655 lm
Manufacturer's Warranty	5 years	Total product efficiency	72,7 lm/W
Settings via	App, Connect Bluetooth Mesh, Smartphone	Colour temperature	3000 K
		Colour variation LED	SDCM3
With remote control	No	Lamp	LED cannot be replaced
Version	with motion detector	Service life LED L70B50 (25°)	> 60000 h
PU1, EAN	4007841078683	Drop in luminous flux in accordance with LM80	L70B50
Application, place	Outdoors		
Application, room	outdoors, garden	Base	without
includes sheet of self-adhesive numbers	No	Soft light start	Yes
		Continuous light	selectable, 4h
Installation site	Stand mounted	Functions	Motions sensor, Neighbouring group function
Impact resistance	IK03		
IP-rating	IP44	Twilight setting	2 – 2000 lx
Protection class	I	Time setting	5 s – 60 Min.
Ambient temperature	−20 – 40 °C	Basic light level function	Yes

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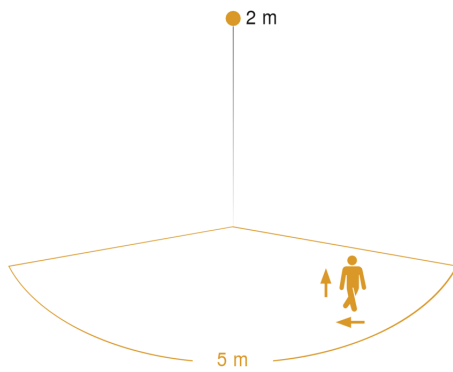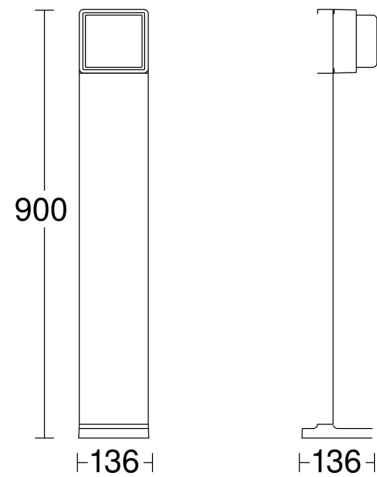|			
Housing material	Aluminium	Basic light level function time	10s-60 min, Brightness-controlled, OFF
Cover material	Plastic, opal	Main light adjustable	10 - 100 %
Mains power supply	220 – 240 V / 50 – 60 Hz	Twilight setting TEACH	Yes
Output	9 W	Interconnection	Yes
Detection	also through glass, wood and stud walls	Type of interconnection	Master/slave
Sneak-by guard	Yes	Basic light level function in per cent	10 – 100 %
Capability of masking out individual segments	No	Basic light level function percentage, from	10 %
Electronic scalability	Yes	Basic light level function percentage, up to	100 %
Mechanical scalability	No	Interconnection via	Bluetooth
Reach, detail	Detection zone adjustable on 3 axes	Colour Rendering Index CRI	= 82
Reach, radial	r = 5 m (35 m^2)	Optimum mounting height	2 m
Reach, tangential	r = 5 m (35 m^2)	Detection angle	160 °
Photo-cell controller	Yes		

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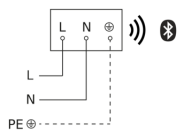**steinel**

Detection Zone

● 2 m

5 m

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

Dimension Drawing

900

⊢136⊣ ⊢136⊣

Circuit diagram Bluetooth

Circuit diagram Bluetooth