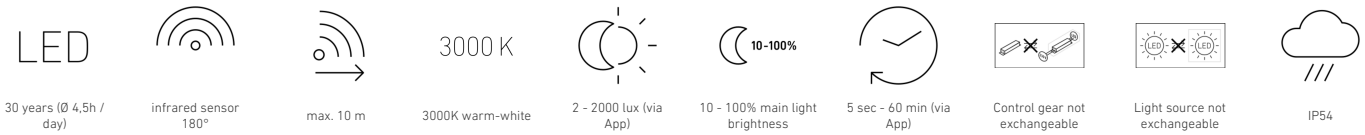
Sensor-switched LED outdoor light

L 42 SC

with motion detector & Bluetooth
EAN 4007841 085261
Article number 085261



30 years (Ø 4,5h / day) | infrared sensor 180° | max. 10 m | 3000K warm-white | 2 - 2000 lux (via App) | 10 - 100% main light brightness | 5 sec - 60 min (via App) | Control gear not exchangeable | Light source not exchangeable | IP54

Function description

Upright house lighting. Sensor L 42 SC outdoor light for elegant design and lighting accents around the house. With a new generation sensor, 180° detection and long-life STEINEL LED system (3000 K). Easy commissioning, setting up and networking via the Bluetooth Mesh combined with the free STEINEL app. Featuring a soft light start, basic light, main light and neighbouring group function. Includes practical cover clips to precisely set out the detection area. Plastic-free packaging.

Technical specifications

Dimensions (L x W x H)	105 x 131 x 306 mm
With lamp	Yes, STEINEL LED system
Manufacturer's Warranty	3 years
Settings via	Connect Bluetooth Mesh
With remote control	No
Version	with motion detector & Bluetooth
PU1, EAN	4007841085261
Application, place	Outdoors
Application, room	outdoors, front door, all round the building, terrace / balcony
Colour	Anthracite
includes sheet of self-adhesive numbers	No
Installation site	wall
Impact resistance	IK03
IP-rating	IP54
Protection class	I

Photo-cell controller	Yes
Cover material	Cover clips
Luminous flux total product	889 lm
Measured luminos flux (360°)	889 lm
Colour temperature	3000 K
Lamp	LED cannot be replaced
Service life LED L70B50 (25°)	> 60000 h
Soft light start	Yes
Continuous light	selectable
Functions	Motions sensor, Light sensor
Twilight setting	2 – 2000 lx
Time setting	10 s – 60 Min.
Basic light level function	Yes
Basic light level function time	10s-60 min, OFF, Brightness-controlled
Main light adjustable	10 - 100 %
Twilight setting TEACH	Yes

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Technical specifications

Ambient temperature	from -20 up to 40 °C
Housing material	Aluminium
Cover material	Plastic, opal
Mains power supply	220 – 240 V / 50 – 60 Hz
Output	13 W
Average rated life expectancy of power supply unit at 25°C	> 60000 h
Mounting height max.	2,50 m
Slave modeselectable	Yes
Electronic scalability	No
Mechanical scalability	Yes
Reach, radial	r = 4 m (25 m^2)
Reach, tangential	r = 10 m (157 m^2)

Interconnection	Yes
Type of interconnection	Master/master, 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
Colour Rendering Index CRI	= 82
Optimum mounting height	2 m
Detection angle	180 °
Product category	Sensor-switched LED outdoor light

Accessories

EAN 4007841 088620	Wireless pushbutton TapDuo C

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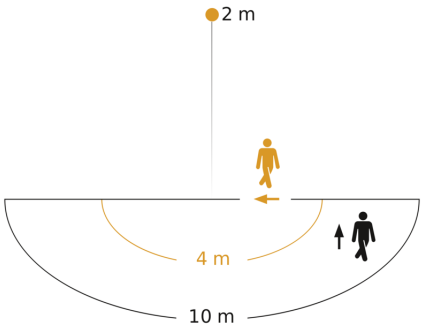
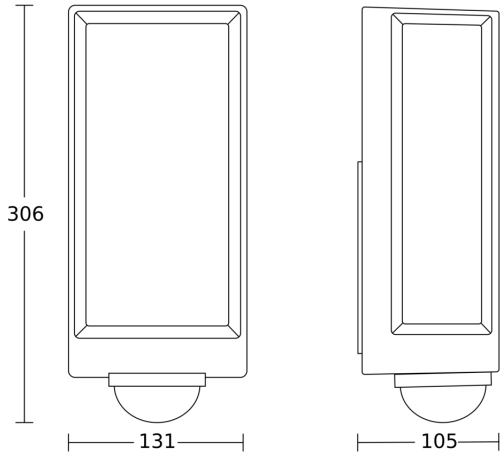
Detection Zone

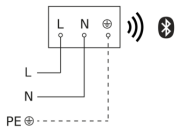
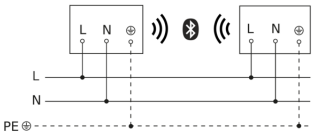


Possible mounting height: 1,80 m – 2,50 m
Orange: radial
Black: tangential

Dimension Drawing



Circuit diagram Bluetooth



Circuit diagram Bluetooth