L 42 SC with motion detector & Bluetooth

SENSOR-SWITCHED LED OUTDOOR LIGHT

EAN 4007841085261
E-Nr. 941012909

- Outdoor light with motion detector and high-quality, robust aluminium housing
- Sensor coloured in inconspicuous housing colour, the detection area can be individually limited by cover clips
- Wireless networking via Bluetooth Mesh and easy setting via STEINEL Connect App
- Automatic light thanks to 180 ° Infrared sensor with up to 10 m detection of movement
- Functions: adjustable basic and main light, pleasant soft light start, continuous light, scheduling function
- Warm white light (3000 K) and long-life 13 W LEDs with 889 lm
- Incl. mounting accessories - plastic-free packaging

105 x 131 x 306 mm



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Technical Data

DIMENSIONS

Dimensions L × W × H	105 x 131 x 306 mm

ELECTRICAL

Mains connection	220 – 240 V / 50 – 60 Hz
Power	13 W

SENSOR TECHNOLOGY

Max. mounting height	2,50 m
Sensor technology	passive infrared
With motion detector	Yes
Detection angle	180 °
Electronic scalability	No
Mechanical scalability	Yes
Radial range	r = 4 m (25 m²)
Tangential range	r = 10 m (157 m²)
Mounting height	1,80 – 2,50 m
Optimal mounting height	2 m

CONNECTIVITY

Networking	Yes
Type of networking	Master/master Master/slave
Slave mode adjustable	Yes
Control technology	Steinel Connect
Wireless networking via	BT SIG Mesh

LIGHTING TECHNOLOGY

Measured luminous flux 360°	889 lm
Efficiency	68,4 lm/W
Colour temperature	3000 K
Colour rendering index	= 82
With illuminant	Yes, STEINEL LED system
Illuminant	LED cannot be replaced
Soft light start	Yes
Continuous light	selectable

LIFETIME

LED lifetime L70B50 25°C	> 60000 h
Average rated power supply lifetime at 25 °C	> 60000 h

SETTINGS

Twilight switch	Yes
Twilight setting	2 – 2000 lx
Time setting	5 s – 60 Min.
Base light function	Yes
Base light function time	10s-60 min OFF Brightness-controlled
Main light adjustable	5 - 100 %
Functions	Motions sensor Light sensor
Settings via	Bluetooth Mesh
With remote control	No
Twilight setting teach	Yes
Base light function in percent	5 – 100 %
Base light function percent from	5 %

HOUSING & MATERIAL

Impact resistance	IK03
Protection class (IP)	IP54
Protection class	I
Ambient temperature	from -20 up to 40 °C
Housing material	Aluminium
Cover material	Plastic, opal
Cover material (scope of delivery)	Cover clips
Mounting location	wall
Application location	Outdoors
Mounting type	Surface wiring
Material	Aluminium
Application room	all round the building front door outdoors terrace / balcony
Colour	Anthracite

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	3 years
House number sheet included	No

CERTIFICATES & EPREL

EPREL category	Surrounded product with integrated light source

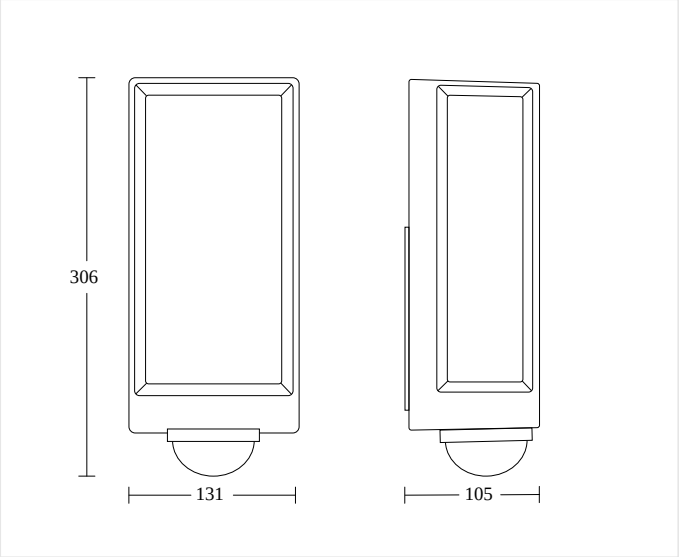
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Illustrations

TECHNICAL DRAWINGS



105 x 131 x 306 mm

MOUNTING HEIGHT

1,80 – 2,50 m	2 m	2,50 m
BEREICH	OPTIMAL	MAX

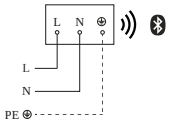
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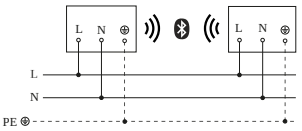
Wiring Diagrams

WIRING DIAGRAM 1



Circuit diagram Bluetooth

WIRING DIAGRAM 2



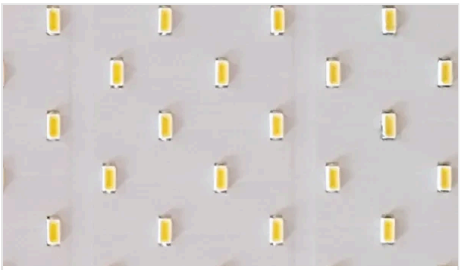
Circuit diagram Bluetooth

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Highlights



Including STEINEL LED system

Intelligent soft light start



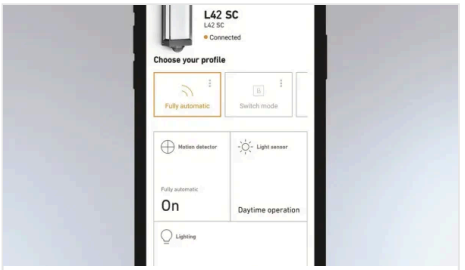
High-quality aluminium



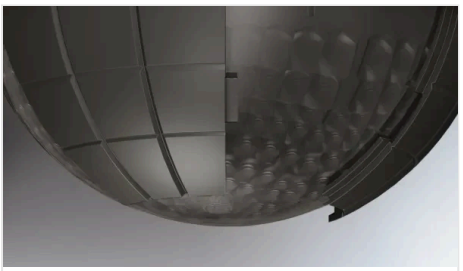
LED ambient light



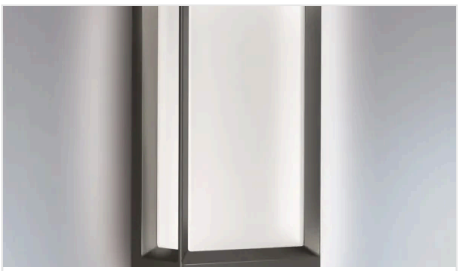
Interconnectable and adjustable via Bluetooth



Operatable via app



Clips to limit the detection zone



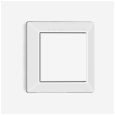
Adjustable main and basic light brighness (5 - 100%)

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Accessories

	ARTICLE NUMBER	DESCRIPTION	CATEGORY
	4007841088620	**Funkschalter TapDuo C**	System components

ORDERING INFORMATION

Art.-Nr.	085261
EAN	4007841085261
E-Number	941012909
Typ	**L 42 SC with motion detector & Bluetooth**

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