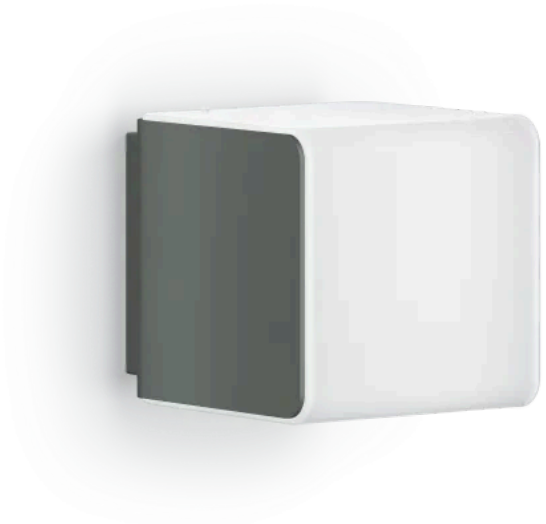
L 830 SC Anthracite

SENSOR-SWITCHED LED OUTDOOR LIGHT

EAN 4007841055493
E-Nr. 941200029

- Outdoor light with motion detector and effective lighting upwards and downwards (Up- & Downlight)
- Elegant and modern design in cube format made of UV-resistant material
- Wireless networking via Bluetooth Mesh and easy setting via STEINEL Connect App
- Automatic light thanks to invisibly integrated 160° high-frequency sensor with up to 5 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 9,1 W LEDs with 493 lm
- Incl. mounting accessories - plastic-free packaging

132 x 110 x 110 mm



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Technical Data

DIMENSIONS

Dimensions L × W × H	**132 x 110 x 110 mm**

ELECTRICAL

Mains connection	**220 – 240 V / 50 – 60 Hz**
Power	**9,1 W**
Own consumption	**0,44 W**

SENSOR TECHNOLOGY

Max. mounting height	**2,50 m**
Sensor technology	**iHF (intelligent high-frequency technology)**
With motion detector	**Yes**
Detection angle	**160 °**
Opening angle	**160 °**
Segment-by-segment masking	**Yes**
Electronic scalability	**Yes**
Mechanical scalability	**Yes**
Range detail	**Detection zone adjustable on 2 axes**
Radial range	**r = 5 m (35 m²)**
Tangential range	**r = 5 m (35 m²)**
Mounting height	**1,80 – 2,50 m**
Optimal mounting height	**2 m**

CONNECTIVITY

Networking	**Yes**
Slave mode adjustable	**Yes**
Control technology	**Steinel Connect**
Wireless networking via	**BT SIG Mesh**

LIGHTING TECHNOLOGY

Measured luminous flux 360°	**493 lm**
Efficiency	**54 lm/W**
Colour temperature	**3000 K**
Colour rendering index	**80-89**
With illuminant	**Yes, STEINEL LED system**
Illuminant	**LED cannot be replaced**
Base	**without**
LED cooling system	**Passive Thermo Control**
Soft light start	**Yes**
Continuous light	**selectable**
Efficiency without cover	**86 lm/W**

LIFETIME

LED lifetime max. °C	**50000 h**
LED lifetime L70B50 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	**10 sec - 60 min**
Main light adjustable	**0 - 100 %**
Functions	**Motions sensor Selecting programmed lighting scenarios Night economy mode Lighting scenario**
Settings via	**Bluetooth Mesh App Smartphone Tablet**
With remote control	**No**
Twilight setting teach	**Yes**
Base light function in percent	**0 – 100 %**
Base light function percent from	**0 %**

HOUSING & MATERIAL

Impact resistance	**IK03**
Protection class (IP)	**IP44**
Protection class	**II**
Ambient temperature	**from -20 up to 40 °C**
Housing material	**Plastic**
Cover material	**Plastic, opal**
Mounting location	**wall**
Application location	**Outdoors**
Mounting type	**Surface wiring**
Application room	**all round the building courtyard & driveway front door garden 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**

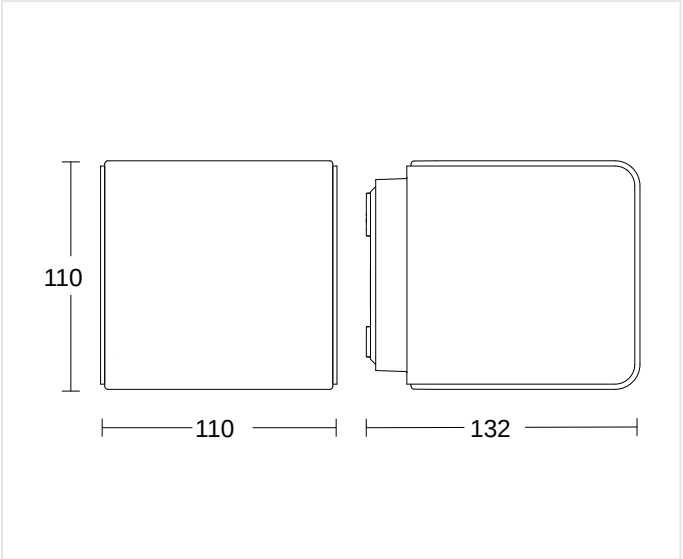
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E-Nr. **941200029**

Illustrations

TECHNICAL DRAWINGS



132 x 110 x 110 mm

MOUNTING HEIGHT

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

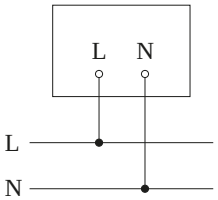
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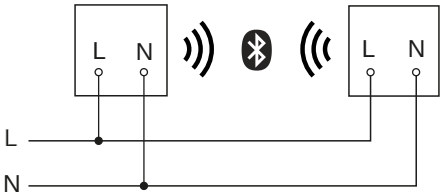
Wiring Diagrams

WIRING DIAGRAM 1



Master/slave interconnection circuit diagram

WIRING DIAGRAM 2



Master/master interconnection circuit diagram

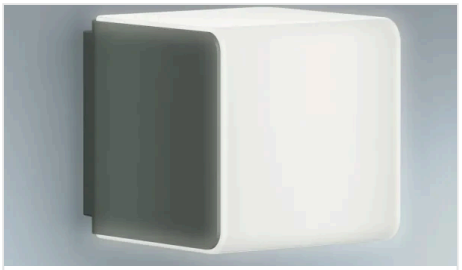
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Highlights

Intelligent soft light start



Adjustable main and basic light brighness (10 - 100%)



Continuous light individually switchable (optional)



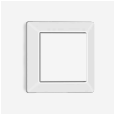
UV resistant material

L 830 SC Anthracite

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Accessories

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

ORDERING INFORMATION

Art.-Nr.	055493
EAN	4007841055493
E-Number	941200029
Typ	**L 830 SC Anthracite**

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