

L 830 SC Anthracite

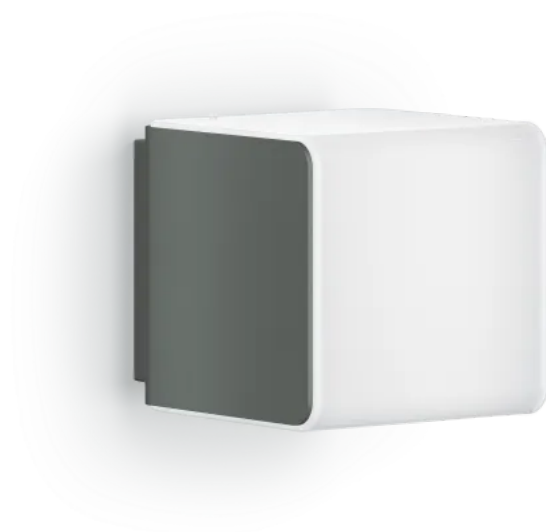
SENSOR-SWITCHED LED OUTDOOR LIGHT

neva
lux

EAN 4007841055493

- 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

IDENTIFICATION		Functions	
PU1 EAN	4007841055493	Motions sensor Selecting programmed lighting scenarios Night economy mode Lighting scenario	Bluetooth Mesh App Smartphone Tablet
Material number	110080838		
SAP designation	LED AUSSENLEUCHTE L 830 SC ANT		
Product name data sheet	L 830 SC Anthracite	Settings via	Bluetooth Mesh App Smartphone Tablet
Product category	Sensor-switched LED outdoor light	With remote control	No
Discount group	ACH	Twilight setting teach	Yes
Source	Steinel Excel	Base light function in percent	0 – 100 %
Product status	Normal	Base light function percent from	0
Manufacturer	Steinel	Base light function percent to	100
DIMENSIONS		HOUSING & MATERIAL	
Dimensions L x W x H	132 x 110 x 110 mm	Impact resistance	IK03
PU1 net weight	0.461	Protection class (IP)	IP44
ELECTRICAL		Protection class	II
Mains connection	220 – 240 V / 50 – 60 Hz	Ambient temperature	from -20 up to 40 °C
Power	9,1 W	Housing material	Plastic
Own consumption	0,44 W	Cover material	Plastic, opal
SENSOR TECHNOLOGY		Mounting location	wall
Max. mounting height	2,50 m	Application location	Outdoors
Sensor technology	iHF (intelligent high-frequency technology)	Mounting type	Surface wiring
With motion detector	Yes	Application room	outdoors garden front door courtyard & driveway all round the building terrace / balcony
Detection angle	160 °	Colour	Anthracite
Opening angle	160 °	SCOPE OF DELIVERY & WARRANTY	
Segment-by-segment masking	Yes	Manufacturer warranty	3 years
Electronic scalability	Yes	House number sheet included	No
Mechanical scalability	Yes	CERTIFICATES & EPREL	
Range detail	Detection zone adjustable on 2 axes	EPREL category	Surrounded product with integrated light source
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	
Nevalux sensor technology		BT SIG Mesh	
CONNECTIVITY			
Networking		Yes	
Networking via		Bluetooth Mesh	
Slave mode adjustable		Yes	
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 %	

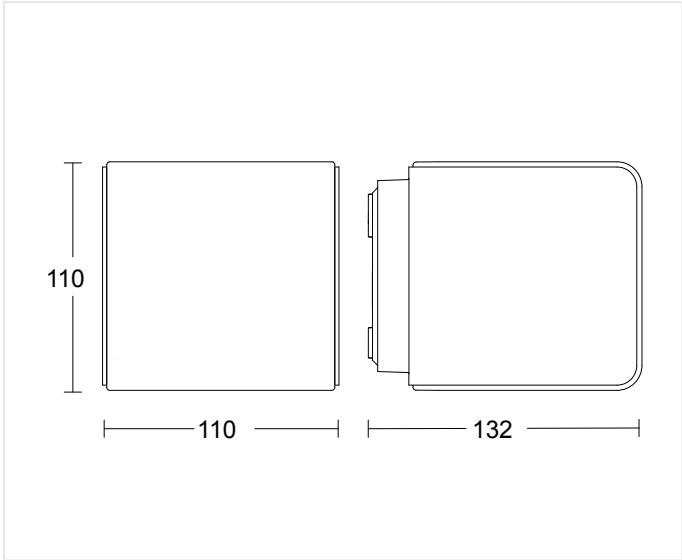
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Illustrations

TECHNICAL DRAWINGS



132 x 110 x 110 mm

MOUNTING HEIGHT

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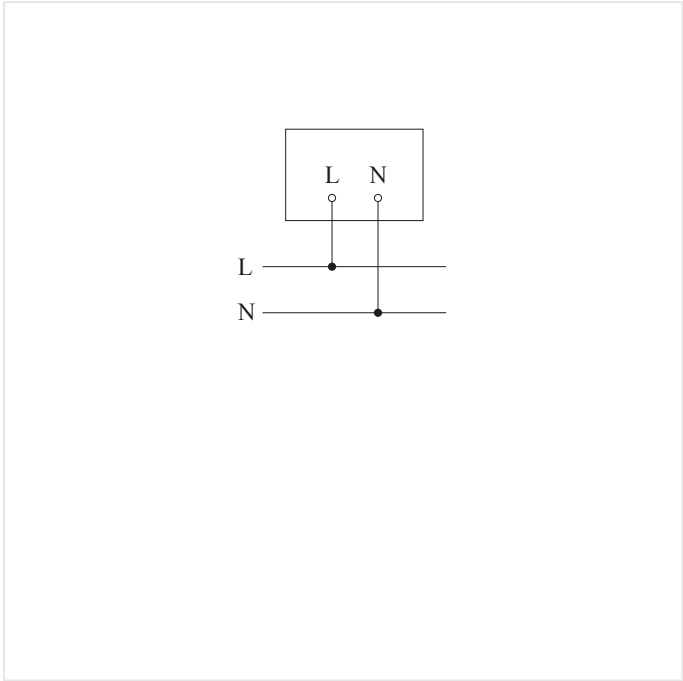
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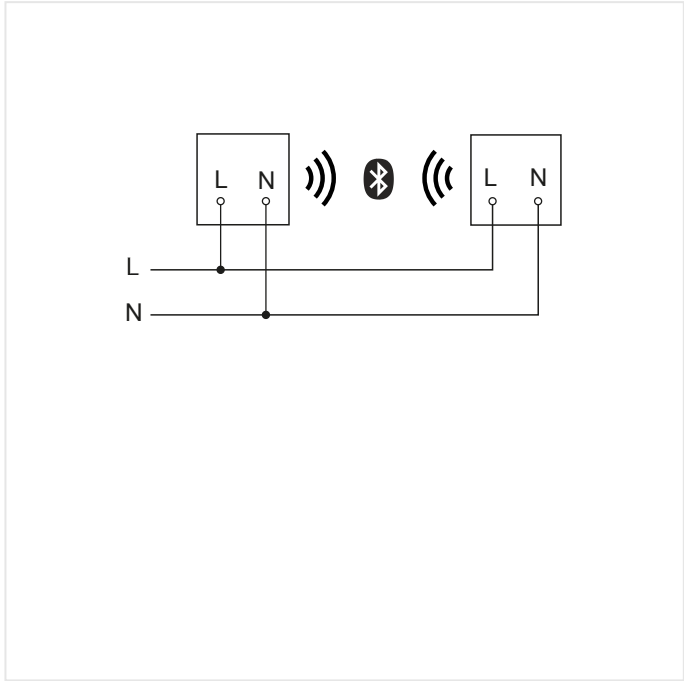
Wiring Diagrams

WIRING DIAGRAM 1



Master/slave interconnection circuit diagram

WIRING DIAGRAM 2



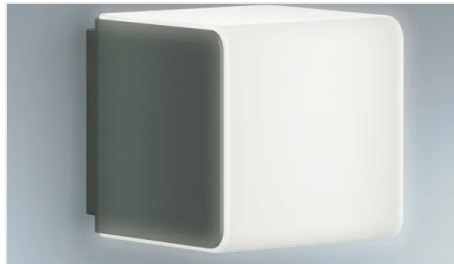
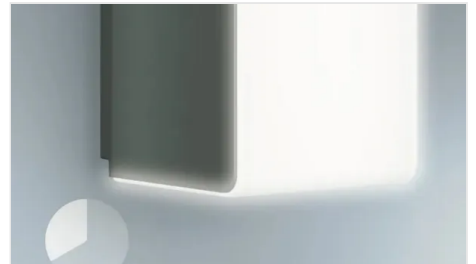
Master/master interconnection circuit diagram

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Highlights

**Intelligent soft light start****Adjustable main and basic light brightness
(10 - 100%)****Continuous light individually switchable
(optional)****UV resistant material**

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Accessories

ARTICLE NUMBER	DESCRIPTION	CATEGORY
 4007841088620	Funkschalter TapDuo C	System components

ORDERING INFORMATION

Art.-Nr.

055493

EAN

4007841055493

Typ

L 830 SC Anthracite

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