

L 820 SC Silver

SENSOR-SWITCHED LED OUTDOOR LIGHT

neva
lux

EAN 4007841087579

- House number light with motion detector and effective illumination up- and downwards (up- & downlight)
- Elegant and modern design with high-quality aluminium housing
- 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, schedule function
- Warm white light (3000 K) and long-life 9,8 W LEDs with 679 lm
- Incl. house number arch and mounting accessories - plastic-free packaging

146 x 230 x 261 mm



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Technical Data

IDENTIFICATION	
PU1 EAN	4007841087579
Material number	110096273
SAP designation	LED AUSSENLEUCHTE L 820 SC SI
Product name data sheet	L 820 SC Silver
Product category	Sensor-switched LED outdoor light
Discount group	ACH
Source	Steinel Excel
Product status	Normal
Manufacturer	Steinel
DIMENSIONS	
Dimensions L x W x H	146 x 230 x 261 mm
PU1 net weight	1.137
ELECTRICAL	
Mains connection	220 – 240 V / 50 – 60 Hz
Power	9,8 W
SENSOR TECHNOLOGY	
Max. mounting height	2,50 m
Sensor technology	iHF (intelligent high-frequency technology)
Transmission power	< 1 mW
With motion detector	Yes
Detection angle	160 °
Sneak-under protection	No
Segment-by-segment masking	No
Electronic scalability	Yes
Mechanical scalability	No
Range detail	Detection zone adjustable on 2 axes
Radial range	r = 5 m (35 m²)

Tangential range	r = 5 m (35 m²)
Transmission range	30 m
Mounting height	1,80 – 2,50 m
Optimal mounting height	2 m
Nevalux sensor technology	BT SIG Mesh
CONNECTIVITY	
Networking	Yes
Type of networking	Master/master Master/slave
Networking via	Bluetooth Mesh
Slave mode adjustable	Yes
LIGHTING TECHNOLOGY	
Measured luminous flux 360°	679 lm
Efficiency	69 lm/W
Colour temperature	3000 K
LED colour deviation	SDCM3
With illuminant	Yes, STEINEL LED system
Illuminant	LED cannot be replaced
Base	without
LED cooling system	Active and Passive Thermo Control
Soft light start	Yes
Continuous light	selectable
LIFETIME	
LED lifetime L70B50 25°C	> 60000 h
Luminous flux decline per LM80	L70B10
SETTINGS	
Twilight switch	Yes
Twilight setting	2 – 2000 lx
Time setting	5 s – 60 Min.

Base light function	Yes
Base light function time	OFF Brightness-controlled 10 sec - 60 min
Main light adjustable	10 - 100 %
Functions	Motions sensor
Settings via	Bluetooth Mesh App
With remote control	No
Base light function in percent	10 – 100 %
Base light function percent from	10
Base light function percent to	100
HOUSING & MATERIAL	
Impact resistance	IK03
Protection class (IP)	IP44
Protection class	II
Ambient temperature	from -20 up to 40 °C
Housing material	Aluminium
Cover material	Plastic, opal
Mounting location	wall
Application location	Outdoors
Mounting type	Surface wiring
Application room	front door
Colour	Silver
SCOPE OF DELIVERY & WARRANTY	
Manufacturer warranty	3 years
House number sheet included	Yes
CERTIFICATES & EPREL	
Certificates	TSU
EPREL category	Surrounded product with integrated light source

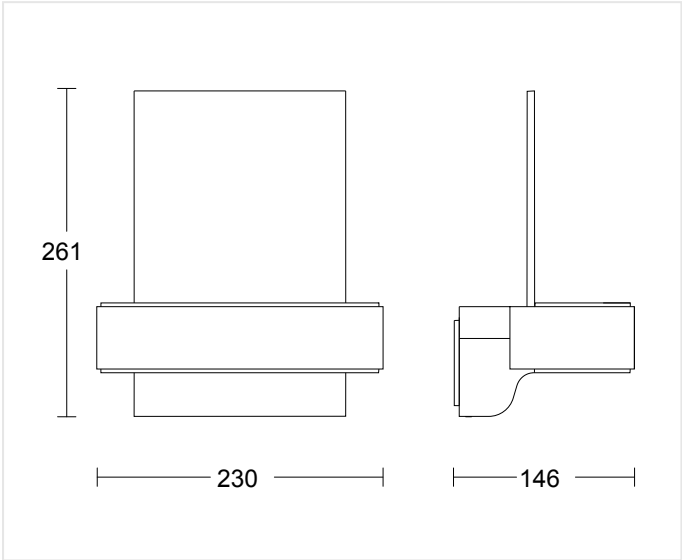
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Illustrations

TECHNICAL DRAWINGS



146 x 230 x 261 mm

MOUNTING HEIGHT

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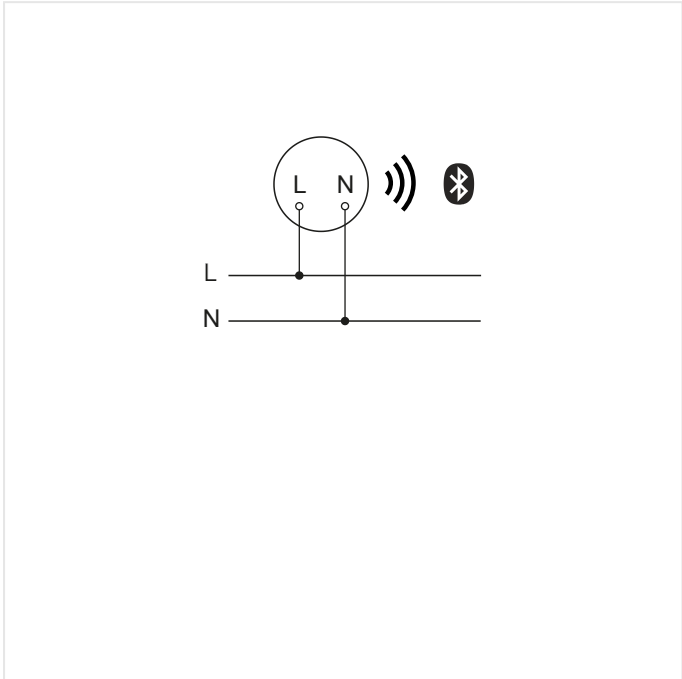
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Wiring Diagrams

WIRING DIAGRAM 1



Circuit diagram Bluetooth

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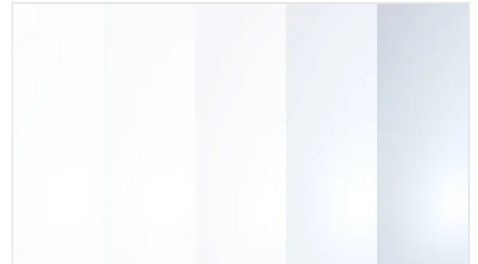
Highlights



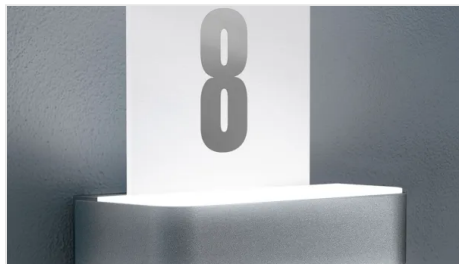
Including STEINEL LED system



Concealed iHF sensor



Intelligent soft light start



Optional basic lighting level 10 - 100 %



High-quality aluminium



Including sheet of self-adhesive house numbers



Continuous light individually switchable (optional)

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Accessories

ARTICLE NUMBER	DESCRIPTION	CATEGORY
 4007841088620	Funkschalter TapDuo C	System components

ORDERING INFORMATION

Art.-Nr.

087579

EAN

4007841087579

Typ

L 820 SC Silver

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