L 820 SC Silver

SENSOR-SWITCHED LED OUTDOOR LIGHT

EAN 4007841087579
E-Nr. 941012819

- 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

DIMENSIONS

Dimensions L × W × H	**146 x 230 x 261 mm**

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**

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°	**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 %**

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**

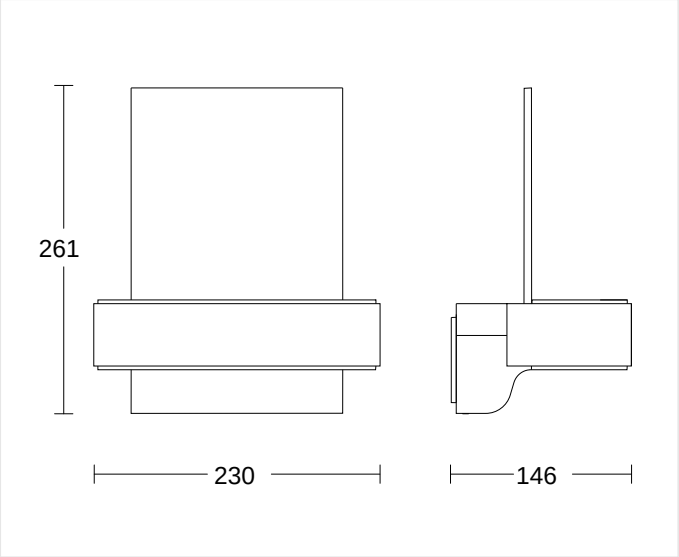
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Illustrations

TECHNICAL DRAWINGS



146 x 230 x 261 mm

MOUNTING HEIGHT

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

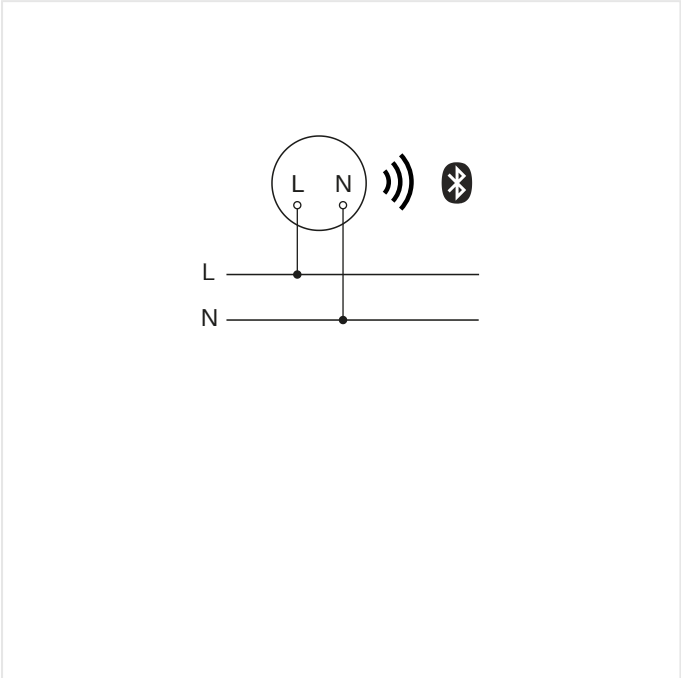
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Wiring Diagrams

WIRING DIAGRAM 1



Circuit diagram Bluetooth

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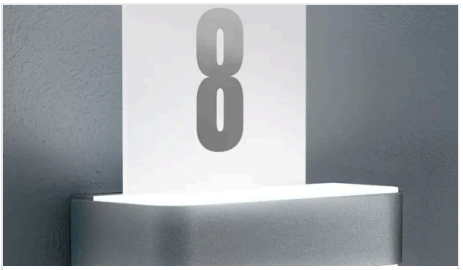
Highlights

Including STEINEL LED system

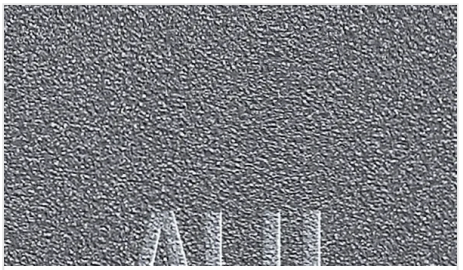


Concealed iHF sensor

Intelligent soft light start



Optional basic lighting level 10 - 100 %



High-quality aluminium



Including sheet of self-adhesive house numbers



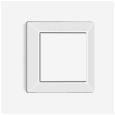
Continuous light individually switchable (optional)

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Accessories

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

ORDERING INFORMATION

Art.-Nr.	087579
EAN	4007841087579
E-Number	941012819
Typ	**L 820 SC Silver**

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