

L 845 SC with motion detector & Bluetooth

neva
lux

SENSOR-SWITCHED LED OUTDOOR LIGHT

EAN 4007841078645

134 x 134 x 87 mm



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Technical Data

IDENTIFICATION	
PU1 EAN	4007841078645
Material number	110081104
SAP designation	LED AUSSENLEUCHTE L 845 SC ANT
Product name data sheet	L 845 SC with motion detector & Bluetooth
Product category	Sensor-switched LED outdoor light
Discount group	A
Source	Steinel Excel
Product status	Normal
Manufacturer	Steinel
DIMENSIONS	
Dimensions L × W × H	134 x 134 x 87 mm
PU1 net weight	0.76
ELECTRICAL	
Mains connection	220 – 240 V / 50 – 60 Hz
Power	9 W
SENSOR TECHNOLOGY	
Max. mounting height	2,50 m
Sensor technology	iHF (intelligent high-frequency technology)
With motion detector	Yes
Detection	also through glass, wood and stud walls
Detection angle	160 °
Opening angle	160 °
Sneak-under protection	No
Segment-by-segment masking	No
Electronic scalability	Yes
Mechanical scalability	No

Range detail	Detection zone adjustable on 3 axes
Tangential range	r = 5 m (35 m²)
Mounting height	1,8 – 2,50 m
Optimal mounting height	2 m
Nevalux sensor technology	BT SIG Mesh
CONNECTIVITY	
Networking	Yes
Type of networking	Master/slave
Networking via	Bluetooth Mesh
LIGHTING TECHNOLOGY	
Measured luminous flux 360°	655 lm
Colour temperature	3000 K
LED colour deviation	SDCM3
Colour rendering index	= 82
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	individually adjustable via app
LIFETIME	
LED lifetime L70B50 25°C	> 60000 h
Luminous flux decline per LM80	L70B50
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 Brightness-controlled OFF
Main light adjustable	10 - 100 %
Settings via	App Smartphone Bluetooth Mesh
With remote control	No
Twilight setting teach	Yes
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	I
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
Material	Aluminium
Application room	outdoors front door all round the building terrace / balcony courtyard & driveway
SCOPE OF DELIVERY & WARRANTY	
Manufacturer warranty	5 years
House number sheet included	No
CERTIFICATES & EPREL	
EPREL category	Surrounded product with integrated light source

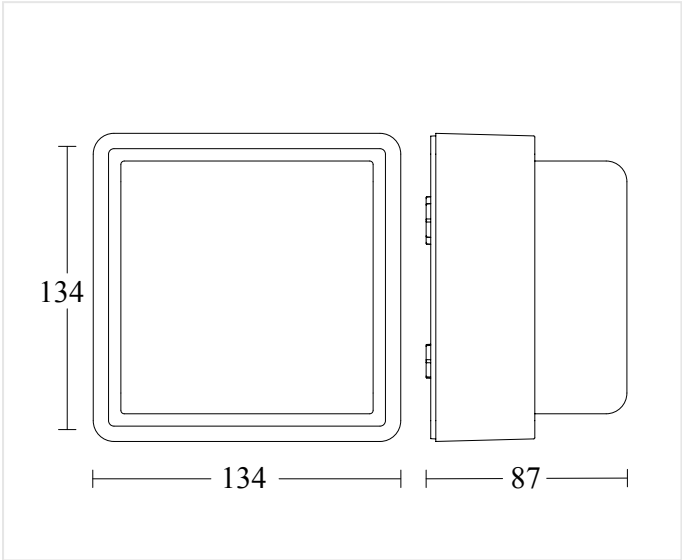
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Illustrations

TECHNICAL DRAWINGS



134 x 134 x 87 mm

MOUNTING HEIGHT

1,8 – 2,50 m BEREICH	2 m OPTIMAL	2,50 m MAX
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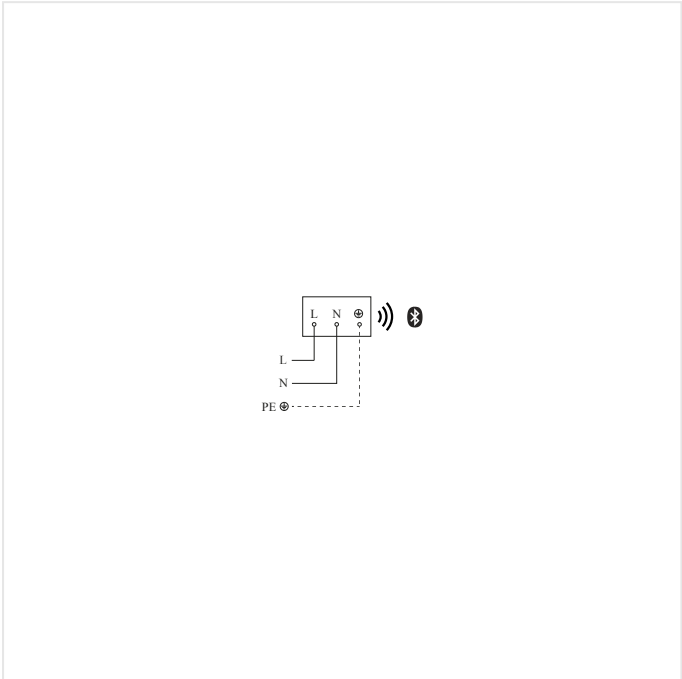
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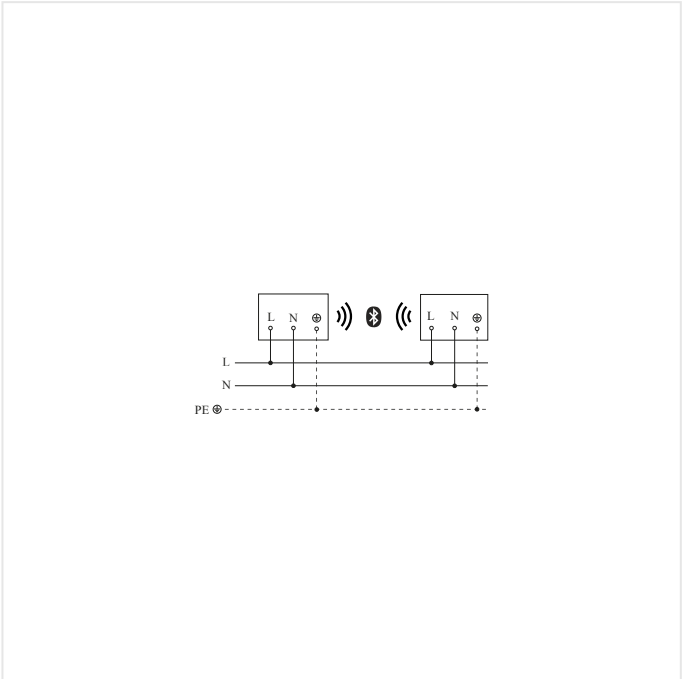
Wiring Diagrams

WIRING DIAGRAM 1



Circuit diagram Bluetooth

WIRING DIAGRAM 2



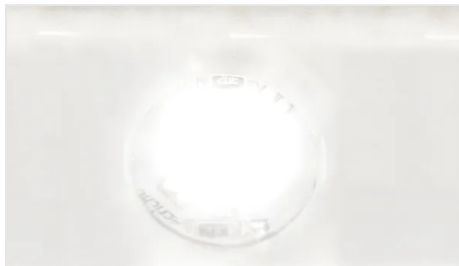
Circuit diagram Bluetooth

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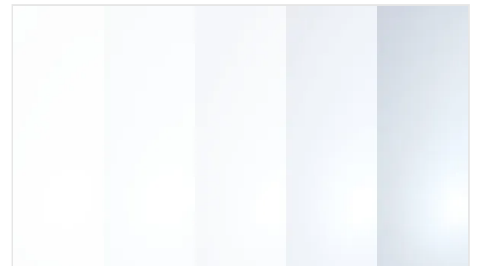
Highlights



Including STEINEL LED system



Concealed iHF sensor



Intelligent soft light start



Optional basic lighting level 10 - 100 %



High-quality aluminium



Continuous light individually switchable (optional)

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Accessories

ORDERING INFORMATION

Art.-Nr. 078645

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Typ L 845 SC with motion detector & Bluetooth

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