

RS PRO 5100 SC with motion detector & Bluetooth

neva
lux**SENSOR-SWITCHED LED INDOOR LIGHT**

EAN 4007841078881

1370 x 87 x 58 mm



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Technical Data

IDENTIFICATION			
PU1 EAN	4007841078881		
Material number	110081744		
SAP designation	LED INNENLEUCHTE RS PRO 5100 SC		
Product name data sheet	RS PRO 5100 SC with motion detector & Bluetooth		
Product category	Sensor-switched LED indoor light		
Discount group	IL		
Source	Steinel Excel		
Product status	Normal		
Manufacturer	Steinel		
DIMENSIONS			
Dimensions L × W × H	1370 x 87 x 58 mm		
PU1 net weight	1.67		
ELECTRICAL			
Mains connection	220 – 240 V / 50 – 60 Hz		
Power	31 W		
Own consumption	0,41 W		
B10 fuse (pcs)	41		
B16 fuse (pcs)	65		
C10 fuse (pcs)	67		
C16 fuse (pcs)	108		
Maximum inrush current	14,8 A		
SENSOR TECHNOLOGY			
Max. mounting height	4,00 m		
Sensor technology	High frequency		
Transmission power	< 1 mW		
With motion detector	Yes		
Detection	also through glass, wood and stud walls	LED lifetime per IES TM-21 L70	>60.000 h
Detection angle	360 °	LED lifetime per IES TM-21 L80	>60.000 h
Opening angle	160 °	SETTINGS	
Electronic scalability	Yes	Twilight setting	2 – 2000 lx
Mechanical scalability	No	Time setting	5 s – 60 Min.
Radial range	Ø 10 m (79 m²)	Base light function	Yes
Tangential range	Ø 10 m (79 m²)	Base light function time	1-60 min
Mounting height	4,00 m	Main light adjustable	0 - 100 %
Nevalux sensor technology	BT SIG Mesh	Settings via	Bluetooth
CONNECTIVITY		Base light function in percent	10 – 100 %
Networking	Yes	Base light function percent from	10
Networking via	Bluetooth Mesh	Base light function percent to	100
LIGHTING TECHNOLOGY		HOUSING & MATERIAL	
Measured luminous flux 360°	4250 lm	Impact resistance	IK07
Colour temperature	4000 K	Protection class (IP)	IP65
LED colour deviation	SDCM3	Protection class	II
With illuminant	Yes, LED lamp	Ambient temperature	from -20 up to 40 °C
Illuminant	LED cannot be replaced	Housing material	Plastic
LED cooling system	Passive Thermo Control	Cover material	Plastic, structured
Photobiological safety per EN 62471	RG1	Mounting location	wall ceiling
LIFETIME		Colour	grey
LED lifetime max. °C	60000 h	SCOPE OF DELIVERY & WARRANTY	
LED lifetime L70B50 25°C	> 60000 h	Manufacturer warranty	5 years
Luminous flux decline per LM80	L80B10	CERTIFICATES & EPREL	
LED lifetime per IEC 62717 L70	100.000 h	Certificates	DEKRA
LED lifetime per IEC 62717 L80	68.000 h	EPREL category	Surrounded product with integrated light source

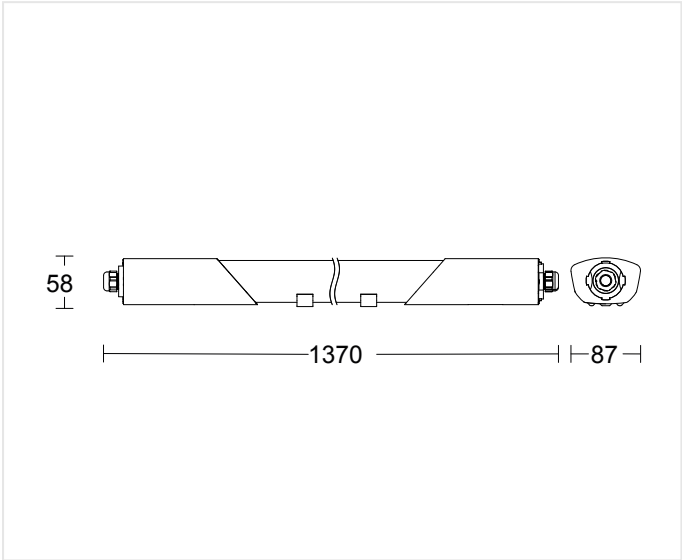
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Illustrations

TECHNICAL DRAWINGS



1370 x 87 x 58 mm

MOUNTING HEIGHT

4,00 m BEREICH	4,00 m MAX
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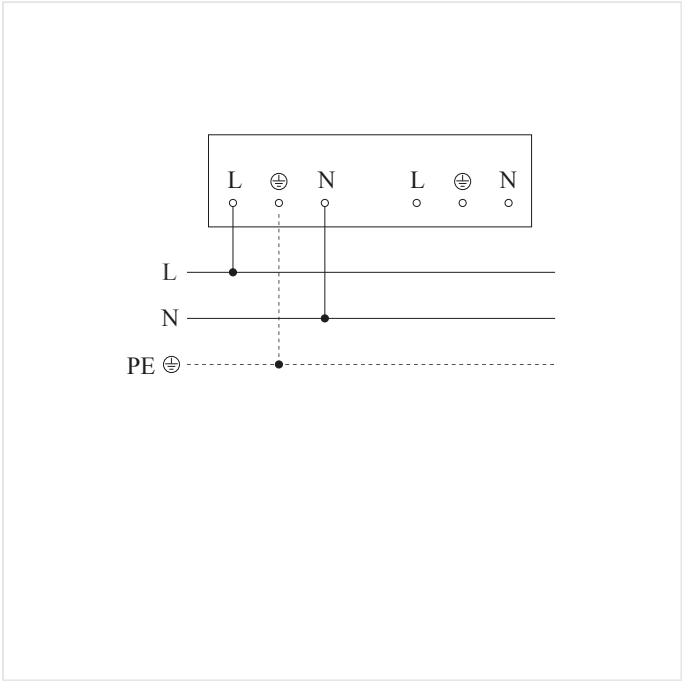
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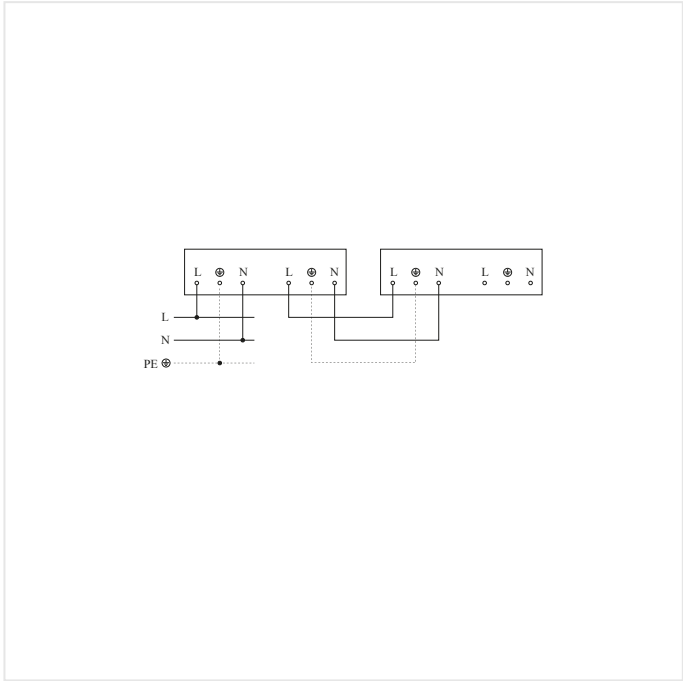
Wiring Diagrams

WIRING DIAGRAM 1



Master circuit diagram

WIRING DIAGRAM 2



Master/slave and master/master interconnection circuit diagram

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SENSOR-SWITCHED LED INDOOR LIGHT

Highlights



Including STEINEL LED system



Interconnectable and adjustable via Bluetooth



Impact-resistant material rated to IK07



Optional basic lighting level 0 - 100 %



Adjustable main light brightness (0 - 100%)



Adjustable mounts for easy installation

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Accessories

ORDERING INFORMATION

Art.-Nr. 078881

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Typ RS PRO 5100 SC with motion detector & Bluetooth

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