

RS PRO R20 plus Q SC warm white

SENSOR-SWITCHED LED INDOOR LIGHT

neva
lux

EAN 4007841067748

300 x 300 x 52 mm



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Technical Data

IDENTIFICATION			Tangential range		Ø 10 m (79 m²)	Base light function time		1-60 min
PU1 EAN		4007841067748	Mounting height		2,00 – 4,00 m	Main light adjustable		0 - 100 %
Material number		110075539	Optimal mounting height		2,8 m	Functions		Group parameterisation Manual ON / ON-OFF Neighbouring group function Backlight Orientation light Connection to central battery systems Adjustable fade time when switching on and off Free selection of the light value in a luminaire group Encrypted communication Motions sensor Light sensor
SAP designation		LED INNENLEUCHTE RS PRO R20Q PLUS SC WW	Nevalux sensor technology		BT SIG Mesh	Settings via		Bluetooth
Product name data sheet		RS PRO R20 plus Q SC warm white	CONNECTIVITY			With remote control		No
Product category		Sensor-switched LED indoor light	Networking		Yes	Twilight setting teach		Yes
Discount group		DL	Type of networking		Master/master Master/slave	Base light function in percent		0 – 100 %
Source		Steinel Excel	Networking via		Bluetooth Mesh	Base light function percent from		0
Product status		Normal	Slave mode adjustable		Yes	Base light function percent to		100
Manufacturer		Steinel	LIGHTING TECHNOLOGY			HOUSING & MATERIAL		
DIMENSIONS			Measured luminous flux 360°		1826 lm	Impact resistance		IK07
Dimensions L × W × H		300 x 300 x 52 mm	Colour temperature		3000 K	Protection class (IP)		IP40
PU1 net weight		1.308	LED colour deviation		SDCM3	Protection class		II
ELECTRICAL			With illuminant		Yes, STEINEL LED system	Ambient temperature		from -20 up to 40 °C
Mains connection		220 – 240 V / 50 – 60 Hz	Illuminant		LED cannot be replaced	Housing material		Plastic
Power		15,86 W	Base		without	Cover material		PC, opal
Own consumption		0,3 W	LED cooling system		Passive Thermo Control	Mounting location		wall ceiling
B10 fuse (pcs)		46	Soft light start		Yes	Application location		Indoors
B16 fuse (pcs)		74	Continuous light		selectable	Mounting type		Surface wiring
C10 fuse (pcs)		77	Photobiological safety per EN 62471		RG1	Material		Plastic
C16 fuse (pcs)		122	LIFETIME			Application room		corridor / aisle changing room function room / ancillary room kitchenette stairwell Indoors
Maximum inrush current		13 A	LED lifetime max. °C		50000 h	Colour		white
SENSOR TECHNOLOGY			LED lifetime L70B50 25°C		> 60000 h	Protection class ceiling		IP40
Max. mounting height		4,00 m	Luminous flux decline per LM80		L80B50	SCOPE OF DELIVERY & WARRANTY		
Sensor technology		High frequency	LED lifetime per IEC 62717 L70		100000	Manufacturer warranty		5 years
Transmission power		< 1 mW	LED lifetime per IEC 62717 L80		73000	House number sheet included		No
HF technology		5,8 GHz	LED lifetime per IES TM-21 L70		60000	CERTIFICATES & EPREL		
With motion detector		Yes	LED lifetime per IES TM-21 L80		60000	EPREL category		Surrounded product with integrated light source
Detection		also through glass, wood and stud walls	SETTINGS					
Detection angle		360 °	Twilight switch		Yes			
Opening angle		160 °	Twilight setting		2 – 2000 lx			
Segment-by-segment masking		Yes	Time setting		5 s – 30 Min.			
Electronic scalability		Yes	Base light function		Yes			
Mechanical scalability		No	Base light function detail		LED Backlight			
Radial range		Ø 10 m (79 m²)						

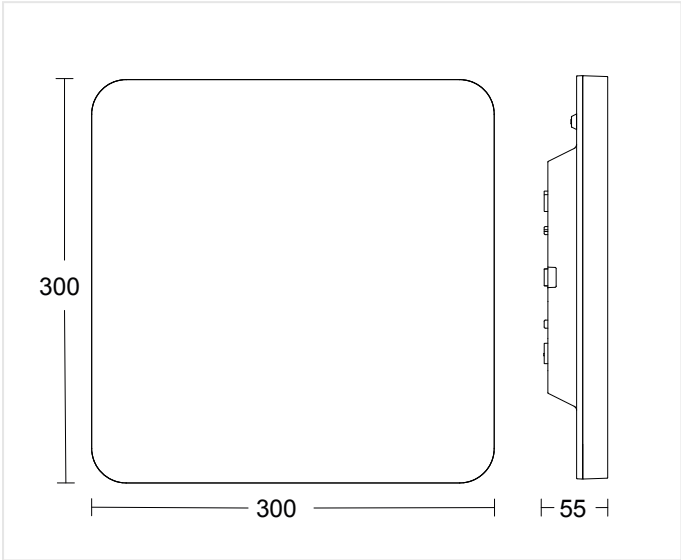
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Illustrations

TECHNICAL DRAWINGS



300 x 300 x 52 mm

MOUNTING HEIGHT

2,00 – 4,00 m BEREICH	2,8 m OPTIMAL	4,00 m MAX
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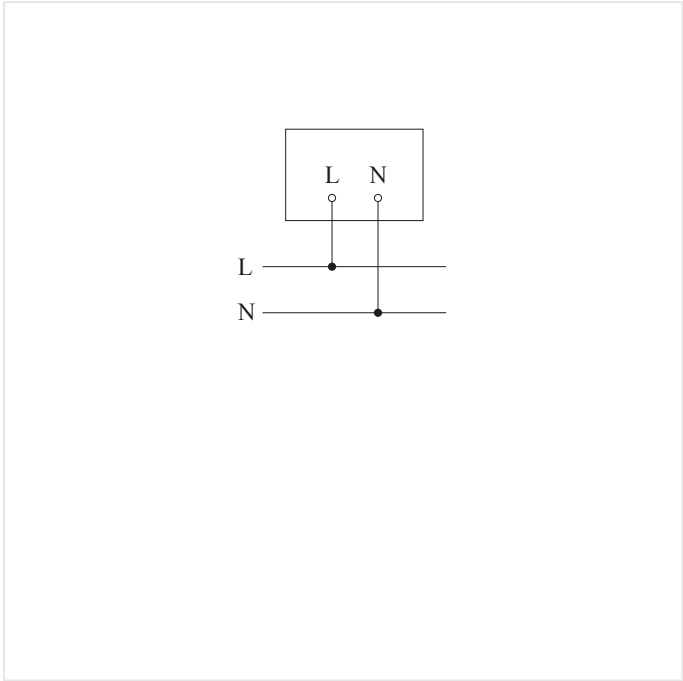
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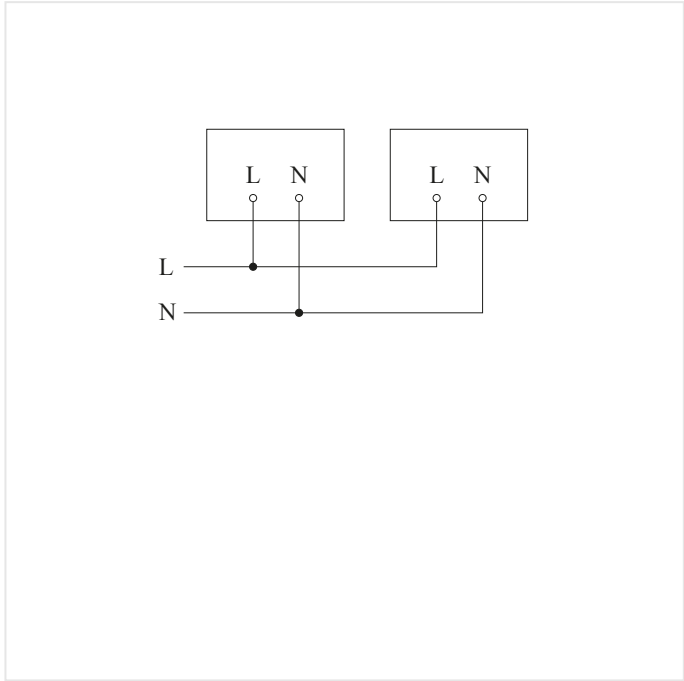
Wiring Diagrams

WIRING DIAGRAM 1



Slave/wireless master interconnection circuit diagram

WIRING DIAGRAM 2



Master/master interconnection circuit diagram

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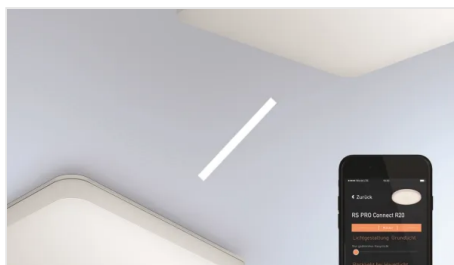
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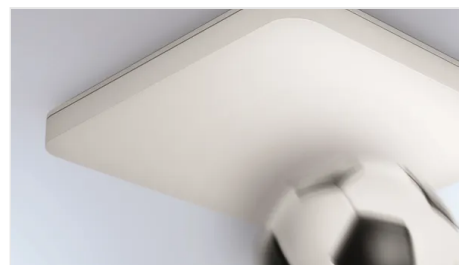
Highlights



Including STEINEL LED system



Interconnectable and adjustable via Bluetooth



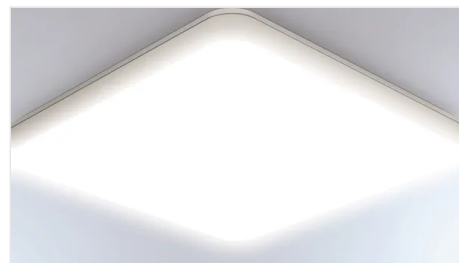
Impact-resistant material rated to IK07



Backlight function



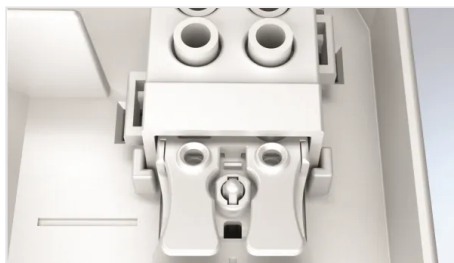
Optional basic lighting level 0 - 100 %



Adjustable main light brightness (0 - 100%)



Optional emergency light



Modern plug-in terminals for straightforward installation

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Accessories

ARTICLE NUMBER	DESCRIPTION	CATEGORY
 4007841064143	Notlicht-Modul R-Serie	Accessory
 4007841087234	Adapter R-Serie für Notlichtweiche	Accessory
 4007841084653	Funktaster PB2-Bluetooth	System components
 4007841084660	Funktaster PB4-Bluetooth	System components
 221386	Universal P-Set 3S	Suspension cable
 4007841067335	Relais REL5A-Bluetooth	System components
 4007841067342	Tasterkoppler PC4-Bluetooth	System components
 4007841064914	Ersatzakku für Notlicht R-Serie	Spare Part

ORDERING INFORMATION

Art.-Nr.

067748

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Typ

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nevalux

nevalux AG
Neugrütstrasse 2
8610 Uster
+41 44 508 78 78
info@nevalux.swiss