

RS PRO R20 plus Q SC Neutral white

SENSOR-SWITCHED LED INDOOR LIGHT

neva
lux

EAN 4007841067731

300 x 300 x 52 mm



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Technical Data

IDENTIFICATION			
PU1 EAN	4007841067731	Tangential range	Ø 10 m (79 m²)
Material number	110075538	Mounting height	2,00 – 4,00 m
SAP designation	LED INNENLEUCHTE RS PRO R20Q PLUS SC NW	Optimal mounting height	2,8 m
Product name data sheet	RS PRO R20 plus Q SC Neutral white	Nevalux sensor technology	BT SIG Mesh
Product category	Sensor-switched LED indoor light	CONNECTIVITY	
Discount group	DL	Networking	Yes
Source	Steinel Excel	Type of networking	Master/master Master/slave
Product status	Normal	Networking via	Bluetooth Mesh
Manufacturer	Steinel	Slave mode adjustable	Yes
DIMENSIONS		LIGHTING TECHNOLOGY	
Dimensions L × W × H	300 x 300 x 52 mm	Measured luminous flux 360°	1970 lm
PU1 net weight	1.307	Colour temperature	4000 K
ELECTRICAL		LED colour deviation	SDCM3
Mains connection	220 – 240 V / 50 – 60 Hz	With illuminant	Yes, STEINEL LED system
Power	15,86 W	Illuminant	LED cannot be replaced
Own consumption	0,3 W	Base	without
B10 fuse (pcs)	46	LED cooling system	Passive Thermo Control
B16 fuse (pcs)	74	Soft light start	Yes
C10 fuse (pcs)	77	Continuous light	selectable
C16 fuse (pcs)	122	Photobiological safety per EN 62471	RG1
Maximum inrush current	13 A	LIFETIME	
SENSOR TECHNOLOGY		LED lifetime max. °C	50000 h
Max. mounting height	4,00 m	LED lifetime L70B50 25°C	> 60000 h
Sensor technology	High frequency	Luminous flux decline per LM80	L80B50
Transmission power	< 1 mW	LED lifetime per IEC 62717 L70	100000
HF technology	5,8 GHz	LED lifetime per IEC 62717 L80	73000
With motion detector	Yes	LED lifetime per IES TM-21 L70	60000
Detection	also through glass, wood and stud walls	LED lifetime per IES TM-21 L80	60000
Detection angle	360 °	SETTINGS	
Opening angle	160 °	Twilight switch	Yes
Segment-by-segment masking	Yes	Twilight setting	2 – 2000 lx
Electronic scalability	Yes	Time setting	5 s – 60 Min.
Mechanical scalability	No	Base light function	Yes
Radial range	Ø 10 m (79 m²)	Base light function detail	LED Backlight
		Base light function time	1-60 min
		Main light adjustable	0 - 100 %
		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
		Settings via	Bluetooth
		With remote control	No
		Twilight setting teach	Yes
		Base light function in percent	0 – 100 %
		Base light function percent from	0
		Base light function percent to	100
		HOUSING & MATERIAL	
		Impact resistance	IK07
		Protection class (IP)	IP40
		Protection class	II
		Ambient temperature	from -20 up to 40 °C
		Housing material	Plastic
		Cover material	PC, opal
		Mounting location	wall ceiling
		Application location	Indoors
		Mounting type	Surface wiring
		Material	Plastic
		Application room	corridor / aisle changing room function room / ancillary room kitchenette stairwell Indoors
		Colour	white
		Protection class ceiling	IP40
		SCOPE OF DELIVERY & WARRANTY	
		Manufacturer warranty	5 years
		House number sheet included	No
		CERTIFICATES & EPREL	
		EPREL category	Surrounded product with integrated light source

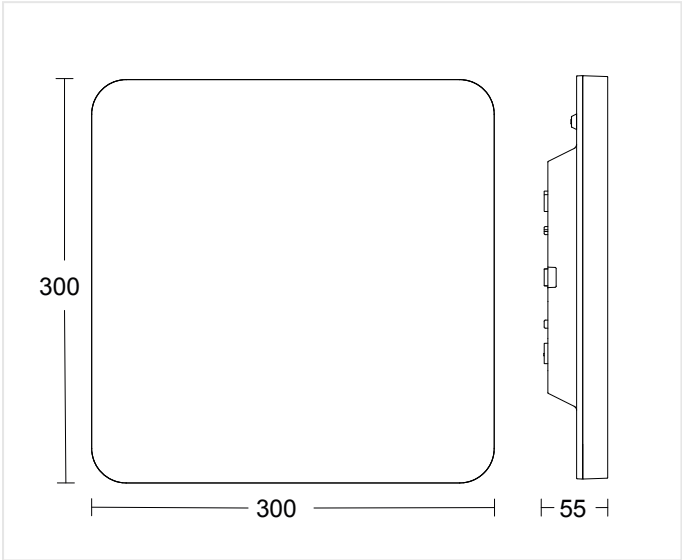
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Illustrations

TECHNICAL DRAWINGS



300 x 300 x 52 mm

MOUNTING HEIGHT

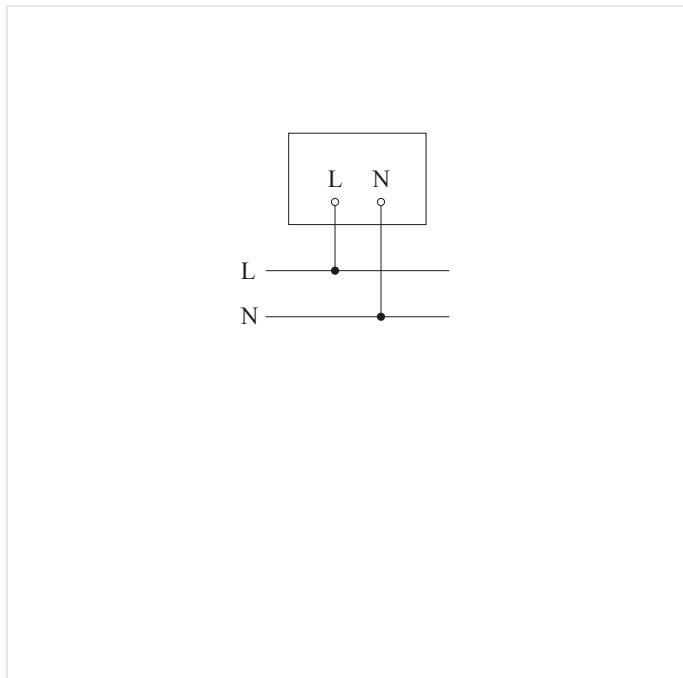
2,00 – 4,00 m BEREICH	2,8 m OPTIMAL	4,00 m MAX
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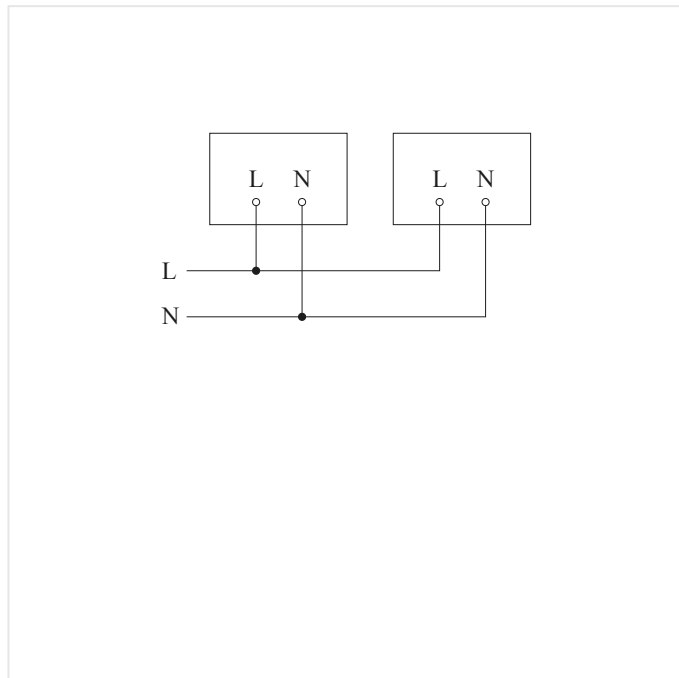
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Wiring Diagrams

WIRING DIAGRAM 1

Slave/wireless master interconnection circuit diagram

WIRING DIAGRAM 2

Master/master interconnection circuit diagram

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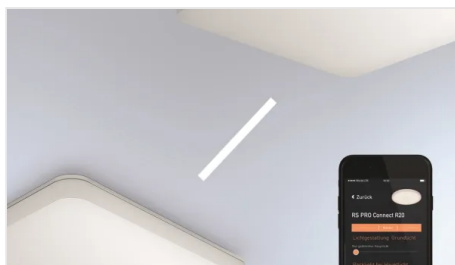
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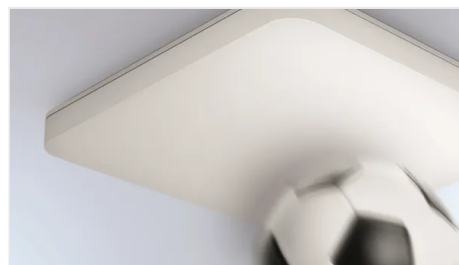
Highlights



Including STEINEL LED system



Interconnectable and adjustable via Bluetooth



Impact-resistant material rated to IK07



Backlight function



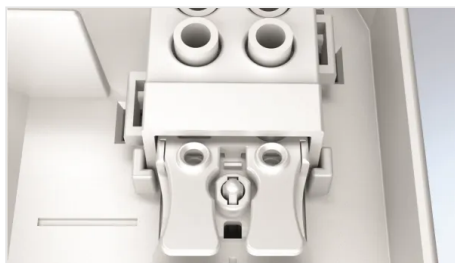
Optional basic lighting level 0 - 100 %



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.

067731

EAN

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Typ

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