

RS PRO R20 basic Q SC warm white

SENSOR-SWITCHED LED INDOOR LIGHT

neva
lux

EAN 4007841067847

300 x 300 x 52 mm



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Technical Data

IDENTIFICATION		
PU1 EAN	4007841067847	
Material number	110075564	
SAP designation	LED INNENLEUCHTE RS PRO R20Q BASIC SC WW	
Product name data sheet	RS PRO R20 basic Q SC warm white	
Product category	Sensor-switched LED indoor light	
Discount group	DL	
Source	Steinel Excel	
Product status	Normal	
Manufacturer	Steinel	
DIMENSIONS		
Dimensions L x W x H	300 x 300 x 52 mm	
PU1 net weight	1.294	
ELECTRICAL		
Mains connection	220 – 240 V / 50 – 60 Hz	
Power	15,38 W	
Own consumption	0,3 W	
B10 fuse (pcs)	46	
B16 fuse (pcs)	74	
C10 fuse (pcs)	77	
C16 fuse (pcs)	122	
Maximum inrush current	13 A	
SENSOR TECHNOLOGY		
Max. mounting height	4,00 m	
Sensor technology	High frequency	
Transmission power	< 1 mW	
HF technology	5,8 GHz	
With motion detector	Yes	
Detection	also through glass, wood and stud walls	
Detection angle	360 °	
Opening angle	160 °	
Segment-by-segment masking	Yes	
Electronic scalability	Yes	
Mechanical scalability	No	
Radial range	Ø 10 m (79 m²)	

Tangential range	Ø 10 m (79 m²)
Mounting height	2,00 – 4,00 m
Optimal mounting height	2,8 m
Nevalux sensor technology	BT SIG Mesh
CONNECTIVITY	
Networking	Yes
Type of networking	Master/master
Networking via	Bluetooth Mesh
Slave mode adjustable	Yes
LIGHTING TECHNOLOGY	
Measured luminous flux 360°	1826 lm
Colour temperature	3000 K
LED colour deviation	SDCM3
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	selectable
Photobiological safety per EN 62471	RG1
LIFETIME	
LED lifetime max. °C	50000 h
LED lifetime L70B50 25°C	> 60000 h
Luminous flux decline per LM80	L80B50
LED lifetime per IEC 62717 L70	100000
LED lifetime per IEC 62717 L80	73000
LED lifetime per IES TM-21 L70	60000
LED lifetime per IES TM-21 L80	60000
SETTINGS	
Twilight switch	Yes
Twilight setting	2 – 2000 lx
Time setting	5 s – 60 Min.
Base light function	Yes
Base light function detail	LED effect light

Base light function time	1-60 min
Main light adjustable	0 - 100 %
Functions	Group parameterisation Manual ON / ON-OFF Neighbouring group function Orientation light Motions sensor Light sensor Encrypted communication Free selection of the light value in a luminaire group Adjustable fade time when switching on and off
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

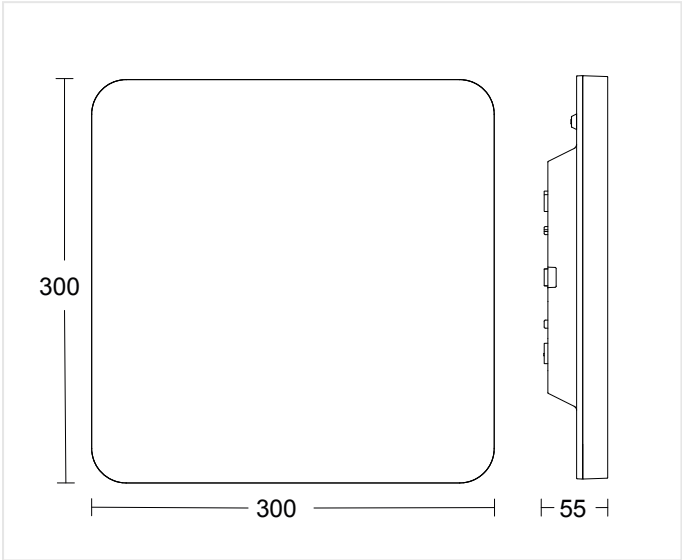
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Illustrations

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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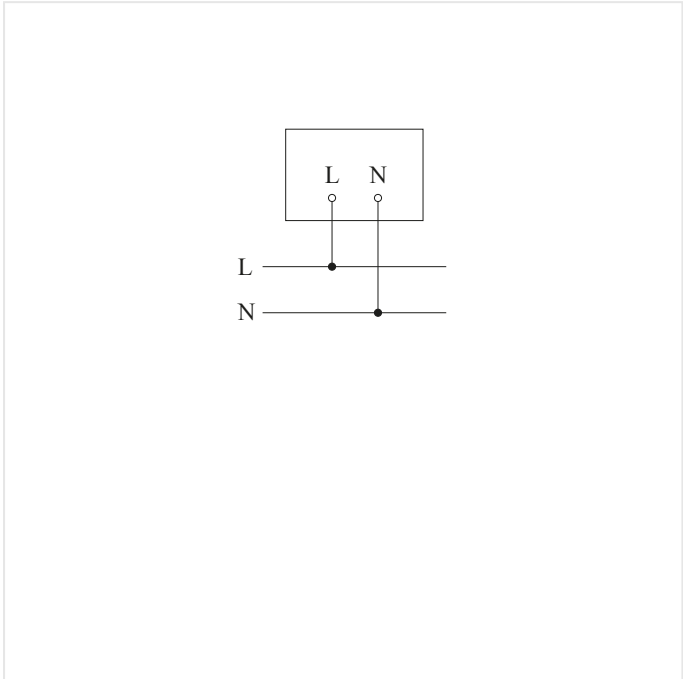
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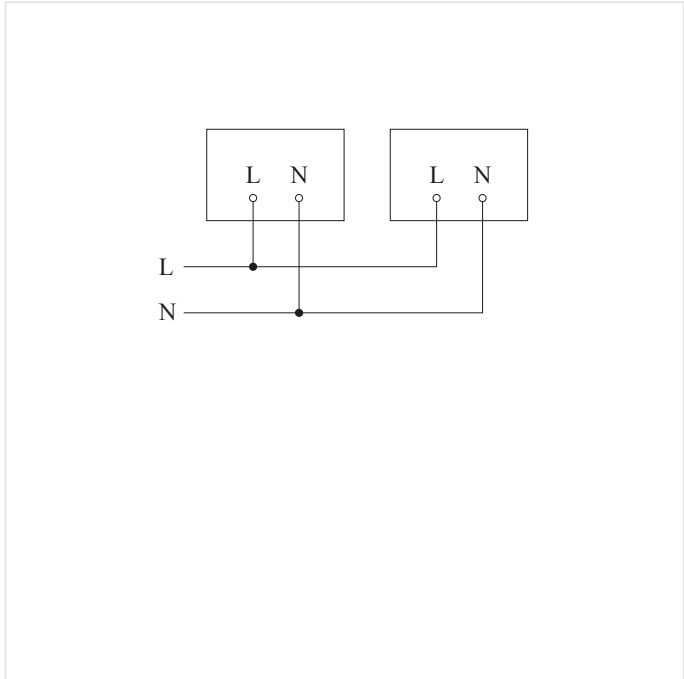
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Wiring Diagrams

WIRING DIAGRAM 1



WIRING DIAGRAM 2



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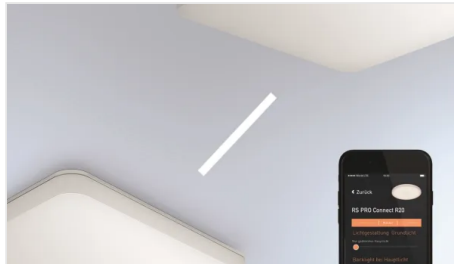
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Highlights



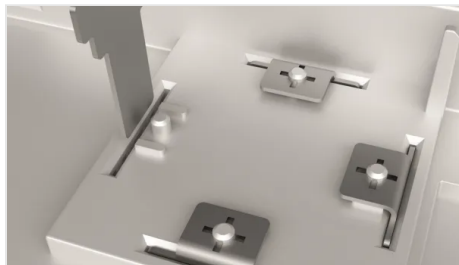
Including STEINEL LED system



Interconnectable and adjustable via Bluetooth



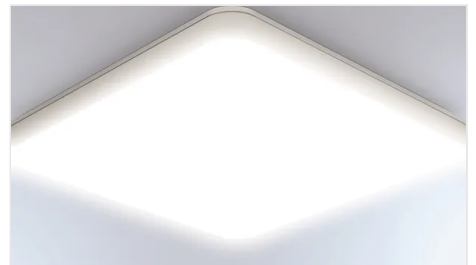
Impact-resistant material rated to IK07



Metal shrouds for defining the direction of sensor detection



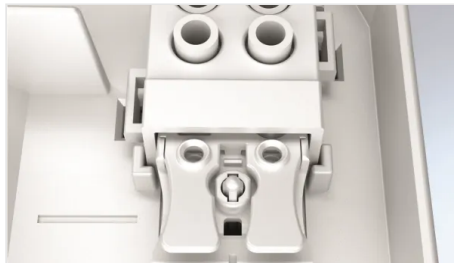
Optional basic lighting level 0 - 100 %



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

ORDERING INFORMATION

Art.-Nr.

067847

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Typ

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