

RS PRO R20 basic SC Singlepack - neutral white

neva
lux

SENSOR-SWITCHED LED INDOOR LIGHT

EAN 4007841067823

350 x 55 mm



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Technical Data

IDENTIFICATION					
PU1 EAN	4007841067823				
Material number	110075562				
SAP designation	LED INNENLEUCHTE RS PRO R20 BASIC SC NW				
Product name data sheet	RS PRO R20 basic SC Singlepack - neutral white				
Product category	Sensor-switched LED indoor light				
Discount group	DL				
Source	Steinel Excel				
Product status	Normal				
Manufacturer	Steinel				
DIMENSIONS					
Dimensions Ø × H	350 x 55 mm				
PU1 net weight	1.349				
ELECTRICAL					
Mains connection	220 – 240 V / 50 – 60 Hz				
Power	15,3 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°		
			1976 lm		
			Colour temperature		
			4000 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		
			74000		
			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 – 30 Min.		
			Base light function		
			Yes		
			Base light function detail		
			LED effect light		
			Base light function time		
			10-30 min, all day all night		
			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		

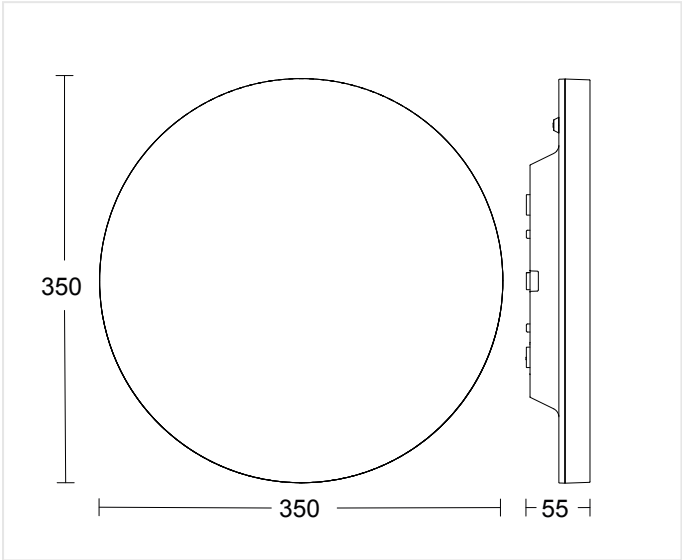
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Illustrations

TECHNICAL DRAWINGS



350 x 55 mm

MOUNTING HEIGHT

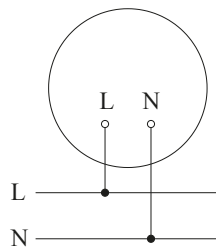
2,00 – 4,00 m BEREICH	2,8 m OPTIMAL	4,00 m MAX
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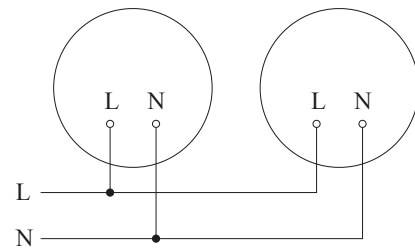
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Wiring Diagrams

WIRING DIAGRAM 1

Slave/wireless master interconnection circuit diagram

WIRING DIAGRAM 2

Master/master interconnection circuit diagram

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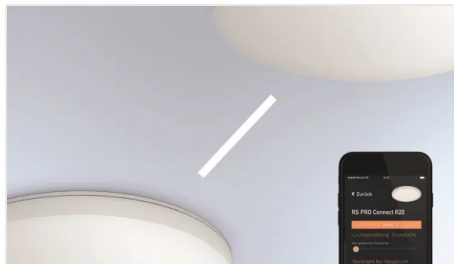
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SENSOR-SWITCHED LED INDOOR LIGHT

Highlights



Including STEINEL LED system



Interconnectable and adjustable via Bluetooth



Impact-resistant material rated to IK07



Backlight function



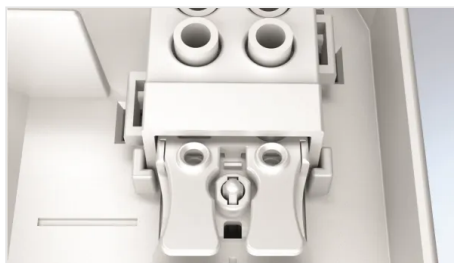
Optional basic lighting level 10 - 50 %



Optional main light brightness 50 - 100%



Optional emergency light



Modern plug-in terminals for straightforward installation

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Accessories

ARTICLE NUMBER	DESCRIPTION	CATEGORY
 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
 4007841067335	Relais REL5A-Bluetooth	System components
 4007841067342	Tasterkoppler PC4-Bluetooth	System components

ORDERING INFORMATION

Art.-Nr.

067823

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Typ

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