

RS PRO R10 basic SC Singlepack - neutral white

neva
lux

SENSOR-SWITCHED LED INDOOR LIGHT

EAN 4007841067809

300 x 55 mm



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Technical Data

IDENTIFICATION	
PU1 EAN	4007841067809
Material number	110075560
SAP designation	LED INNENLEUCHTE RS PRO R10 BASIC SC NW
Product name data sheet	RS PRO R10 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	300 x 55 mm
PU1 net weight	1.089
ELECTRICAL	
Mains connection	220 – 240 V / 50 – 60 Hz
Power	8,5 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°	1053 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	55000 h
LED lifetime L70B50 25°C	> 60000 h
Luminous flux decline per LM80	L80B50
LED lifetime per IEC 62717 L70	100.000 h
LED lifetime per IEC 62717 L80	74.000 h
LED lifetime per IES TM-21 L70	>60.000 h
LED lifetime per IES TM-21 L80	>60.000 h
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	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

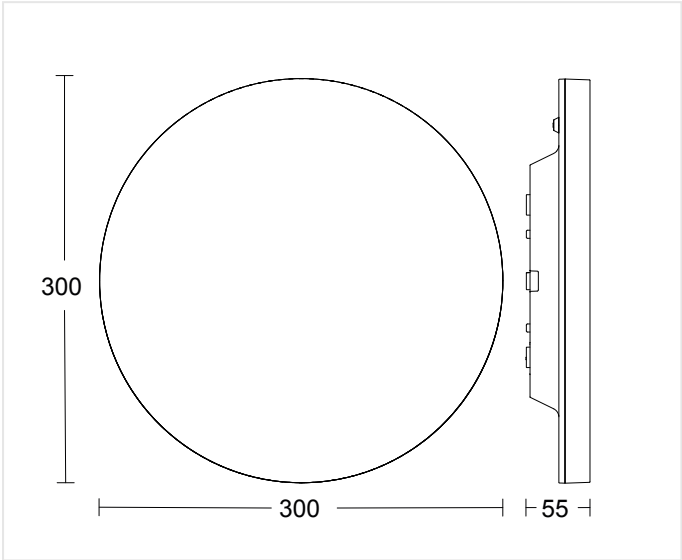
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Illustrations

TECHNICAL DRAWINGS



300 x 55 mm

MOUNTING HEIGHT

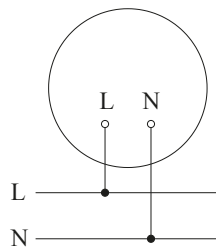
2,00 – 4,00 m BEREICH	2,8 m OPTIMAL	4,00 m MAX
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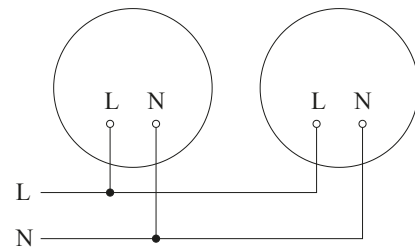
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Wiring Diagrams

WIRING DIAGRAM 1

Slave/wireless master interconnection circuit diagram

WIRING DIAGRAM 2

Master circuit diagram

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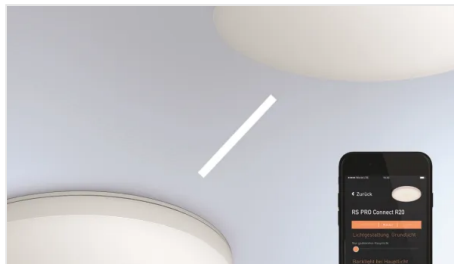
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Highlights



Including STEINEL LED system



Interconnectable and adjustable via Bluetooth



Impact-resistant material rated to IK07



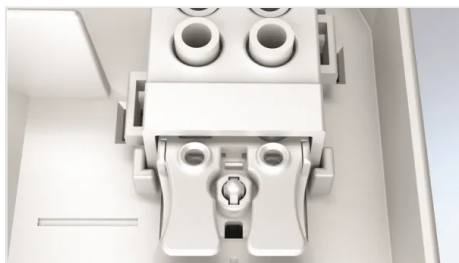
Optional emergency light



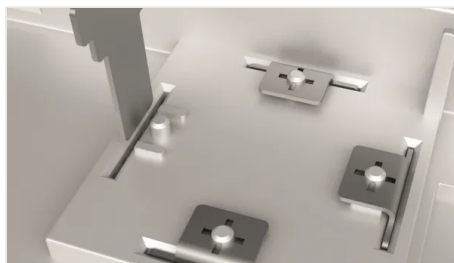
Optional basic lighting level 0 - 100 %



Adjustable main light brightness (0 - 100%)



Modern plug-in terminals for straightforward installation



Metal shrouds for defining the direction of sensor detection

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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.

067809

EAN

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Typ

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