RS PRO R20 basic SC Singlepack- warm white

SENSOR-SWITCHED LED INDOOR LIGHT

EAN 4007841067854
E-Nr. 941002569

steinel

350 x 55 mm



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Technical Data

DIMENSIONS

Dimensions Ø × H	**350 x 55 mm**

ELECTRICAL

Mains connection	**220 – 240 V / 50 – 60 Hz**
Power	**15,3 W**
Own consumption	**0,3 W**

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**

CONNECTIVITY

Networking	**Yes**
Type of networking	**Master/master**
Slave mode adjustable	**Yes**
Control technology	**Steinel Connect**
Wireless networking via	**BT SIG Mesh**

LIGHTING TECHNOLOGY

Measured luminous flux 360°	**1823 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**

LIFETIME

LED lifetime max. °C	**50000 h**
LED lifetime L70B50 25°C	**> 60000 h**
Luminous flux decline per LM80	**L80B50**

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 %**

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	**ceiling wall**
Application location	**Indoors**
Mounting type	**Surface wiring**
Material	**Plastic**
Application room	**Indoors changing room corridor / aisle function room / ancillary room kitchenette stairwell**
Colour	**white**

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	**5 years**
House number sheet included	**No**

CERTIFICATES & EPREL

EPREL category	**Surrounded product with integrated light source**

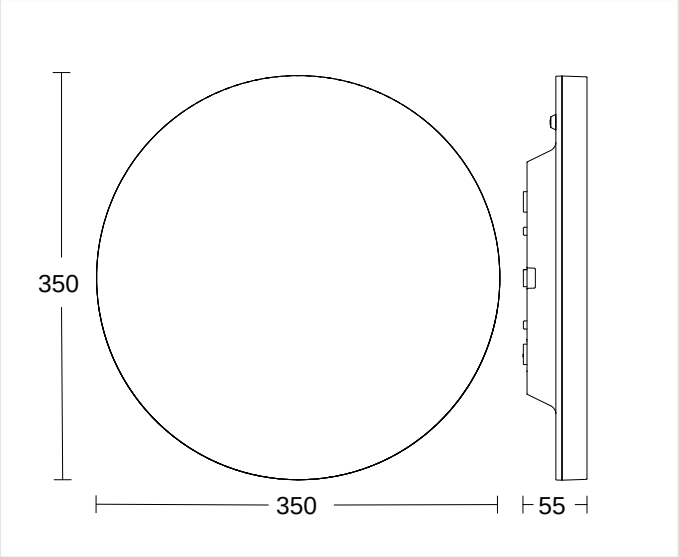
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Illustrations

TECHNICAL DRAWINGS



350 x 55 mm

MOUNTING HEIGHT

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

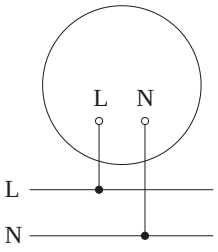
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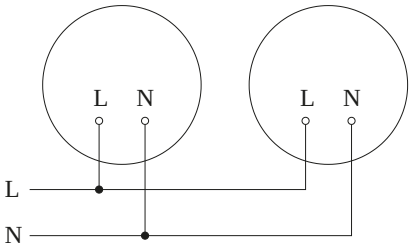
Wiring Diagrams

WIRING DIAGRAM 1



Slave/wireless master interconnection circuit diagram

WIRING DIAGRAM 2



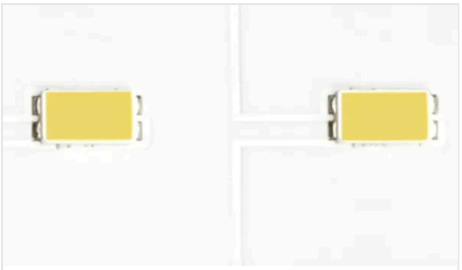
Master/master interconnection circuit diagram

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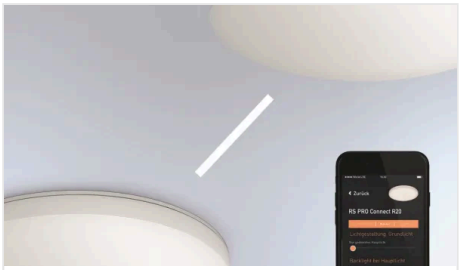
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Highlights



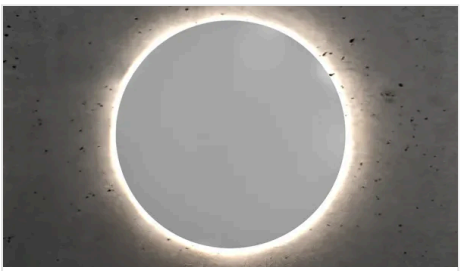
Including STEINEL LED system



Interconnectable and adjustable via Bluetooth



Impact-resistant material rated to IK07



Backlight function



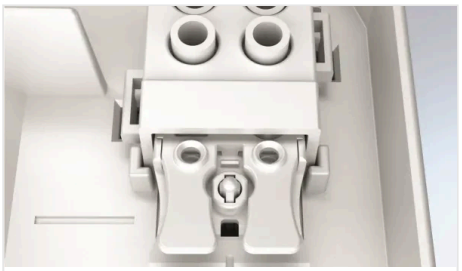
Optional basic lighting level 10 - 50 %



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**	Universal pendant set with 3 ropes
	4007841067335	**Relais REL5A-Bluetooth**	System components
	4007841067342	**Tasterkoppler PC4-Bluetooth**	System components

ORDERING INFORMATION

Art.-Nr.	067854
EAN	4007841067854
E-Number	941002569
Typ	**RS PRO R20 basic SC Singlepack- warm white**

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