RS PRO R20 plus Q SC warm white

SENSOR-SWITCHED LED INDOOR LIGHT

EAN 4007841067748
E-Nr. 941002629

steinel

300 x 300 x 52 mm



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Technical Data

DIMENSIONS

Dimensions L × W × H	300 x 300 x 52 mm

ELECTRICAL

Mains connection	220 – 240 V / 50 – 60 Hz
Power	15,86 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 Master/slave
Slave mode adjustable	Yes
Control technology	Steinel Connect
Wireless networking via	BT SIG Mesh

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

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 – 30 Min.
Base light function	Yes
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 %

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

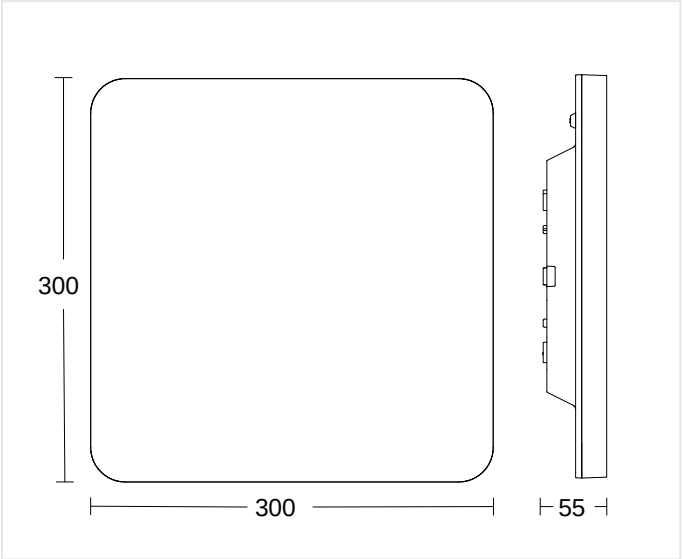
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Illustrations

TECHNICAL DRAWINGS



300 x 300 x 52 mm

MOUNTING HEIGHT

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

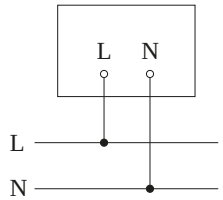
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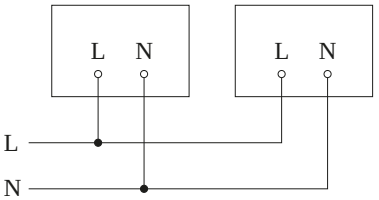
Wiring Diagrams

WIRING DIAGRAM 1



Slave/wireless master interconnection circuit diagram

WIRING DIAGRAM 2



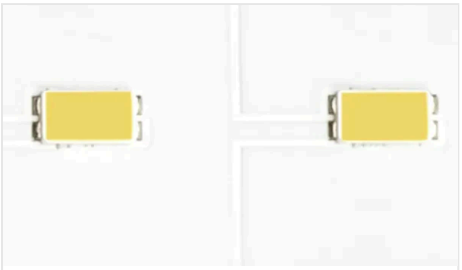
Master/master interconnection circuit diagram

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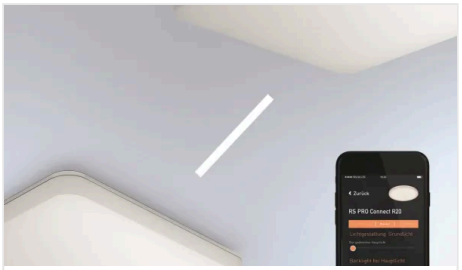
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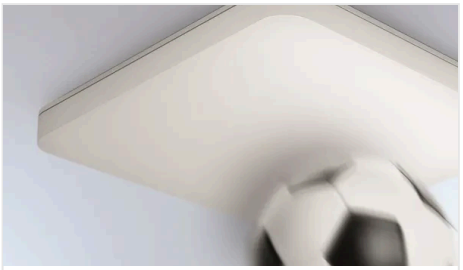
Highlights



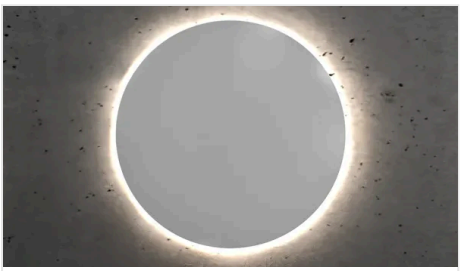
Including STEINEL LED system



Interconnectable and adjustable via Bluetooth



Impact-resistant material rated to IK07



Backlight function



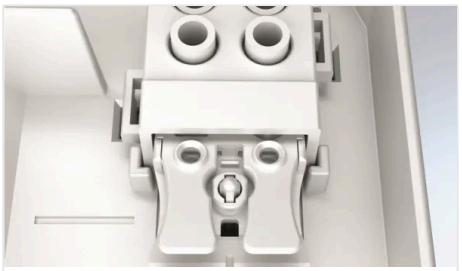
Optional basic lighting level 0 - 100 %



Adjustable main light brighness (0 - 100%)



Optional emergency light



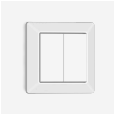
Modern plug-in terminals for straightforward installation

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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**	Universal pendant set with 3 ropes
	4007841067335	**Relais REL5A-Bluetooth**	System components
	4007841067342	**Tasterkoppler PC4-Bluetooth**	System components
	4007841064914	**Ersatzakku für Notlicht R-Serie**	Spare Part

ORDERING INFORMATION

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E-Number	941002629
Typ	**RS PRO R20 plus Q SC warm white**

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