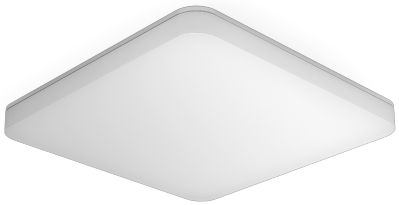
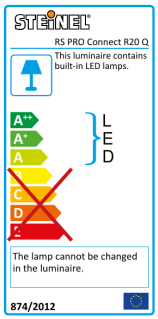
Sensor-switched indoor light

RS PRO Connect R20 Q

Neutral white

EAN 4007841 057152





36 years (Ø 4,5h / day) | 4000K neutral white | high frequency sensor 360° | max. 10 m | 2 - 2000 lux | 5 sec - 60 min | soft light start | 10 - 50% basic brightness | shock proof IK07 | connectable via bluetooth

Function description

Square. Digital. Ingenious. Wirelessly adjustable via app, the digital RS PRO Connect R20 Q sensor-switched light makes connected lighting incredibly easy. Easily started up, interconnected and adjusted in any chosen way via app, it comes with 4 lighting functions: basic light level, backlight, dimmable main light and emergency light. 1950 lm. High-precision HF sensor (10 m reach). 4000 K, 300 x 300 x 55 mm.

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Technical specifications

Dimensions (L x W x H)	300 x 300 x 52 mm
Mains power supply	220 – 240 V / 50 – 60 Hz
Sensor Technology	High frequency
Transmitter power	< 1 mW
Output	16 W
Interconnection	Yes
Type of interconnection	Master/master, Master/slave
Luminous flux	1950 lm
Colour temperature	4000 K
Colour variation LED	SDCM3
Colour Rendering Index CRI	80-89
With lamp	Yes, STEINEL LED system
Lamp	LED cannot be replaced
LED life expectancy (max. °C)	50000 h
LED life expectancy (25 °C)	60000 h
Drop in luminous flux in accordance with LM80	L80B50
Base	without
LED cooling system	Passive Thermo Control
With motion detector	Yes
Detection	also through glass, wood and stud walls
Detection angle	360 °
Angle of aperture	160 °
Capability of masking out individual segments	Yes

Electronic scalability	Yes
Mechanical scalability	No
Reach, radial	Ø 10 m (79 m²)
Continuous light	selectable
Photo-cell controller	Yes
Twilight setting	2 – 2000 lx
Time setting	5 s – 30 Min.
Basic light level function	Yes
Basic light level function, detail	LED Backlight
Basic light level function time	10 min, all day, all night
Functions	Group parameterisation, Manual ON / ON-OFF, Master/slave override, Neighbouring-group function, Presence function
Soft light start	Yes
Impact resistance	IK07
IP-rating	IP40
Protection class	II
Ambient temperature	-20 – 40 °C
Housing material	Plastic
Cover material	PC, opal
Manufacturer's Warranty	5 years
Settings via	Bluetooth
With remote control	No
Version	Neutral white
PU1, EAN	4007841057152

Accessories

EAN 4007841 064143	R-series emergency light module

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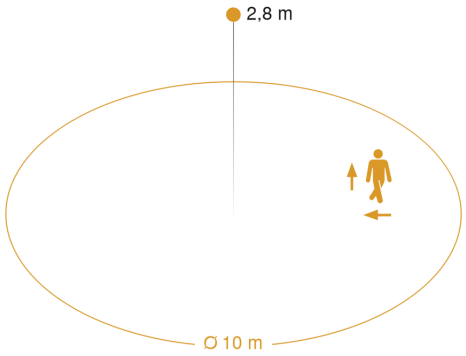
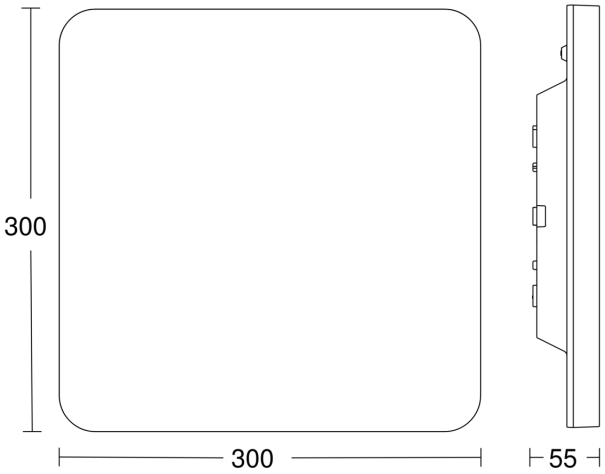
Detection Zone



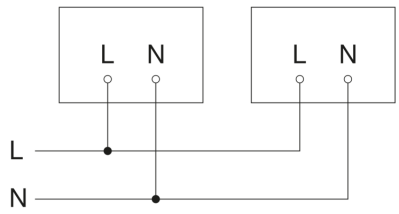
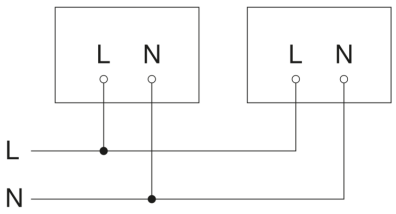
Mögliche Montagehöhe: 2,00 m – 4,00 m

Orange: radial und tangential

Dimension Drawing



Slave/wireless master interconnection circuit diagram



Master/master interconnection circuit diagram