

Sensor-switched indoor light - Professional Line

RS PRO R10 basic SC

warm white

EAN 4007841 067816

Article number 067816



LED

36 years (Ø 4,5h / day)



Settings via App

3000 K

3000K warm-white



high frequency sensor 360°



max. 10 m



IP40



2 - 2000 lux



Light source not exchangeable



Control gear not exchangeable



5 sec - 30 min

Function description

Digital. Ingenious. Wirelessly adjustable via app, the digital RS PRO R10 basic SC sensor-switched light makes connected lighting incredibly easy. Easily started up, interconnected and adjusted in any chosen way via app, it comes with 3 lighting functions: basic light level, dimmable main light and emergency light. High-precision HF sensor (10 m reach). The opal diffuser bonnet ensures even light distribution. 8,5 W, 992 lm. 3000 K, 300 x 55 mm. Emergency lighting operation is alternatively possible via connection to central battery systems.

Technical specifications

Dimensions (Ø x H)	300 x 55 mm	Total product efficiency	117 lm/W
With lamp	Yes, STEINEL LED system	Colour temperature	3000 K
With motion detector	Yes	Colour variation LED	SDCM3
Manufacturer's Warranty	5 years	Lamp	LED cannot be replaced
Settings via	Bluetooth	Base	without
With remote control	No	LED cooling system	Passive Thermo Control
Version	warm white	Soft light start	Yes
PU1, EAN	4007841067816	Continuous light	selectable
Application, place	Indoors	Functions	Group parameterisation, Manual ON / ON-OFF, Neighbouring group function, Presence 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
Application, room	corridor / aisle, changing room, function room / ancillary room, kitchenette, stairwell, Indoors		
Colour	white		
includes sheet of self-adhesive numbers	No	Twilight setting	2 – 2000 lx
Installation site	wall, ceiling	Time setting	5 s – 60 Min.
Installation	Wall, Ceiling, Surface wiring	Basic light level function	Yes

<https://www.steinel.de>

Subject to technical modifications

03.2023 Page 1 from 3

RS PRO R10 basic SC

warm white

EAN 4007841 067816

Article number 067816



Technical specifications

Impact resistance	IK07
IP-rating	IP40
Protection class	II
Ambient temperature	-20 – 40 °C
Housing material	Plastic
Cover material	PC, opal
Mains power supply	220 – 240 V / 50 – 60 Hz
Power consumption	0,3 W
Mounting height max.	4,00 m
HF-system	5,8 GHz
Slave mode selectable	Yes
Detection	also through glass, wood and stud walls
Capability of masking out individual segments	Yes
Electronic scalability	Yes
Mechanical scalability	No
Reach, radial	Ø 10 m (79 m²)
Reach, tangential	Ø 10 m (79 m²)
Photo-cell controller	Yes
Transmitter power	< 1 mW
Luminous flux total product	992 lm

Basic light level function, detail	LED effect light
Basic light level function time	1-60 min
Main light adjustable	0 - 100 %
Twilight setting TEACH	Yes
Interconnection	Yes
Type of interconnection	Master/master
Interconnection via	Bluetooth Mesh Connect
Lifetime LED according to IEC-62717 (L70)	100.000 h
Lifetime LED according to IEC-62717 (L80)	74.000 h
Lebensdauer LED nach IES TM-21 (L70)	>60.000 h
Lifetime LED according to IES TM-21 (L80)	>60.000 h
Fuse protection B10	46
Fuse protection B16	74
Fuse protection C10	77
Fuse protection C16	122
Basic light level function in per cent	1 – 100 %
Output	8,5 W
Colour Rendering Index CRI	= 82
Photobiological safety in accordance with EN 62471	RG1
Starting current, maximum	13 A
Angle of aperture	160 °
IP-rating, ceiling	IP40

Accessories

EAN 4007841 064143

R-series emergency light module

RS PRO R10 basic SC

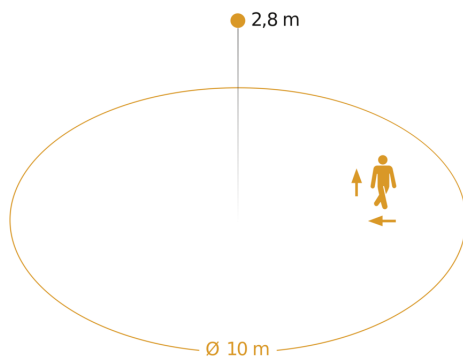
warm white

EAN 4007841 067816

Article number 067816



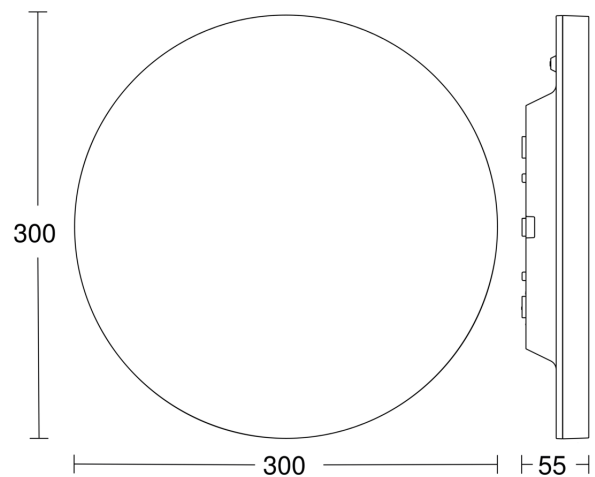
Detection Zone



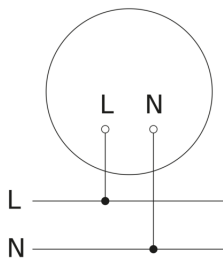
Possible mounting height: 2,00 m – 4,00 m

Orange: radial and tangential

Dimension Drawing



Slave/wireless master interconnection circuit diagram



Master circuit diagram

