

Sensor-switched LED indoor light - Professional Line

RS PRO 5100 SC EM V2

with motion detector - 4000K, emergency light
EAN 4007841 091460
Article number 091460



LED

36 years (0 4,5h / day)



Bluetooth

HF digital2

Digital high frequency



high frequency sensor 360°

4000 K

4000K neutral white



max. 8 m



high frequency sensor 360°



20 - 50% basic brightness



10 - 100% main light brightness



2 - 2000 lux

Function description

Our engineers agreed: The new damp-proof light should be simple and good. Easy to install and maintain, good in energy efficiency, function and quality. The moisture-proof luminaire the world has been waiting for. Robust, highly functional, child's play to install, wireless to network and ultimately convenient to adjust via smartphone. 360° high-frequency sensor, 8 m range. With 4250 lm at 31 W and 4000 K. 3-pole through-wiring and dimmable basic and main light, as well as neighbouring group function. Suitable for connection to a central battery.

Technical specifications

Dimensions (L x W x H)	1370 x 87 x 58 mm
With lamp	Yes, STEINEL LED system
With motion detector	Yes
Manufacturer's Warranty	5 years
Settings via	Bluetooth
Version	with motion detector - 4000K, emergency light
PU1, EAN	4007841091460
Colour	grey
Installation site	wall, ceiling
Installation	Wall, Ceiling, Surface wiring
Impact resistance	IK07
IP-rating	IP65
Protection class	II
Ambient temperature	from -20 up to 40 °C
Housing material	Plastic
Cover material	Plastic, structured

Colour temperature	4000 K
Colour variation LED	SDCM3
Lamp	LED cannot be replaced
LED cooling system	Passive Thermo Control
Twilight setting	2 - 2000 lx
Time setting	5 s - 60 Min.
Basic light level function	Yes
Basic light level function time	1-60 min
Main light adjustable	10 - 100 %
Interconnection	Yes
Interconnection via	Bluetooth Mesh
Lifetime LED according to IEC-62717 (L70)	100.000 h
Lifetime LED according to IEC-62717 (L80)	68.000 h
LED service life according to IES TM-21 (L70)	>60.000 h

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Subject to technical modifications

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Technical specifications

Mains power supply	220 – 240 V / 50 – 60 Hz
Power consumption	0,45 W
Mounting height max.	3,50 m
HF-system	24 GHz
Slave modeselectable	Yes
Electronic scalability	Yes
Reach, radial	Ø 8 m (50 m ²)
Reach, tangential	Ø 8 m (50 m ²)
Transmitter power	< 1 mW
Luminous flux total product	4250 lm
Total product efficiency	137 lm/W

Lifetime LED according to IES TM-21 (L80)	>60.000 h
Fuse protection B10	41
Fuse protection B16	65
Fuse protection C10	67
Fuse protection C16	108
Basic light level function in per cent	10 – 100 %
Output	31 W
Luminous flux, emergency light	706 lm
Photobiological safety in accordance with EN 62471	RG1
Starting current, maximum	14,8 A
Angle of aperture	160 °
Detection angle	360 °
Product category	Sensor-switched LED indoor light

Accessories

EAN 4007841 084653	Wireless push button PB2-Bluetooth
EAN 4007841 084660	Wireless push button PB4-Bluetooth

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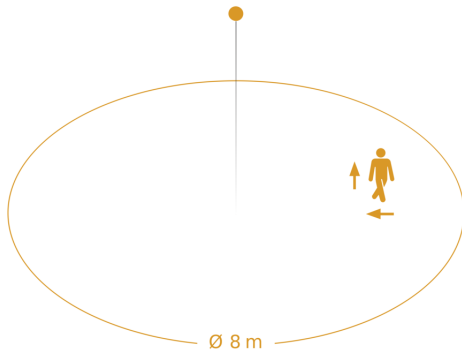
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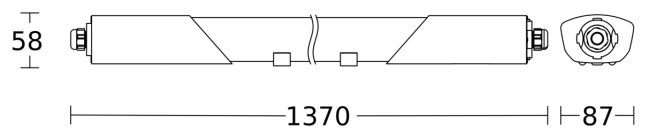
Detection Zone



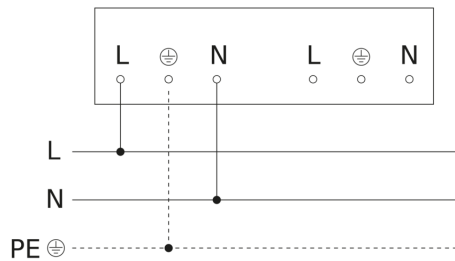
Possible mounting height: - 3,50 m

Orange: radial and tangential

Dimension Drawing



Master circuit diagram



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Master/slave and master/master interconnection circuit diagram

