

RS PRO 6100 circular SC EM

Emergency light

EAN 4007841 089849

Article number 089849



Bluetooth Mesh

HF® digital2

Digital high frequency



high frequency sensor 360°

4000 K

4000K neutral white



max. 8 m



20 - 50% basic brightness



10 - 100% main light brightness



2 - 2000 lux



5 sec - 60 min



IK08

Function description

Designed with the future in mind. This linear luminaire is designed with the future in mind. The housing materials of this modular luminaire consist of more than 90 per cent recycled plastic. Should components such as the sensor, power supply unit or LED board ever fail, they can be replaced. The ambient lighting function and intelligent sensor technology reduce the operating times of the lighting components, thereby further extending their service life. Whether in industrial environments, multi-storey car parks and underground car parks, or in storage and basement areas – the wide beam angles always guarantee good light output. And the intelligent sensor technology, in conjunction with Connected Lighting via Bluetooth, ensures direct cost savings through automatically switched lighting where continuous lighting would otherwise be set.

Technical specifications

Dimensions (L x W x H)	1200 x 90 x 80 mm
With lamp	Yes, STEINEL LED system
With motion detector	Yes
Manufacturer's Warranty	5 years
Settings via	App, Bluetooth, Bluetooth Mesh
With remote control	No
Version	Emergency light
PU1, EAN	4007841089849
Application, place	Indoors
Application, room	corridor / aisle, function room / ancillary room, warehouse, multi-storey / underground car park, production facilities, stairwell, changing room, WC / washroom
Colour	grey
Installation site	ceiling, wall

Colour variation LED	SDCM3
Lamp	LED can be replaced
Base	without
LED cooling system	Passive Thermo Control
Soft light start	Yes
Continuous light	selectable
Functions	Motions sensor, DIM function, Dimmkurve individuell einstellbar, Adjustable fade time when switching on and off, Semi-/fully automatic, Light sensor, Neighbouring group function, Encrypted communication, Timer, Emergency light in compliance with EN 60598-2-22 for 3h
Twilight setting	2 – 2000 lx
Time setting	5 s – 60 Min.
Basic light level function	Yes

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Technical specifications

Installation	Surface wiring, Ceiling, Wall
Impact resistance	IK08
IP-rating	IP65
Protection class	I
Ambient temperature	from -20 up to 40 °C
Housing material	Plastic
Cover material	PC structured
Mains power supply	220 – 240 V / 50 – 60 Hz
Power consumption	0,3 W
Mounting height max.	3,50 m
HF-system	24 GHz
Slave modeselectable	Yes
Electronic scalability	Yes
Mechanical scalability	No
Reach, radial	Ø 8 m (50 m ²)
Reach, tangential	Ø 8 m (50 m ²)
Photo-cell controller	Yes
Transmitter power	< 1 mW
Luminous flux total product	4525 lm
Colour temperature	4000 K

Basic light level function time	5s-60 min, Brightness-controlled
Main light adjustable	0 - 100 %
Twilight setting TEACH	Yes
Interconnection	Yes
Type of interconnection	Master/master
Interconnection via	Bluetooth Mesh
Lifetime LED according to IEC-62717 (L70)	90.000
Lifetime LED according to IEC-62717 (L80)	90.000
LED service life according to IES TM-21 (L70)	90.000
Lifetime LED according to IES TM-21 (L80)	90.000
Fuse protection B10	51
Fuse protection B16	81
Fuse protection C10	74
Fuse protection C16	118
Basic light level function in per cent	10 – 100 %
Output	31 W
Luminous flux, emergency light	730 lm
Notlichtfunktion	decentralised (single-battery)
Beleuchtung durch Notlicht-Modul	3 h
Angle of aperture	160 °
Detection angle	360 °
Product category	Sensor-switched LED indoor light

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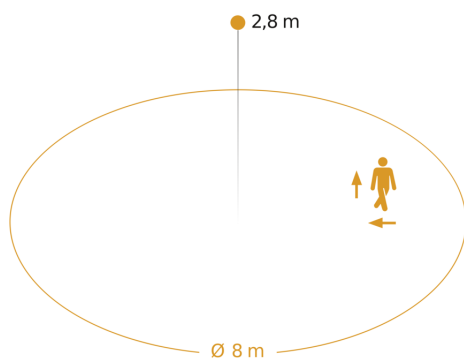
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Detection Zone



Dimension Drawing



Possible mounting height: 2,00 m – 3,50 m

Orange: radial and tangential

Light with neutral conductor

