

RS PRO 5550 SC

with motion detector - 4000K, emergency light
 EAN 4007841 086879
 Article number 086879



Bluetooth

HF digital2

Digital high frequency



high frequency sensor 360°

4000 K

4000K neutral white



max. 8 m



2 - 2000 lux



20 - 50% basic brightness



10 - 100% main light brightness



high frequency sensor 360°



5 sec - 60 min

Function description

Attractive linear luminaire - both visually and technically. Our two new RS PRO 5500/5550 SC linear luminaires cut a fine figure in industrial settings as well as in passageways and office environments. Alongside their attractive appearance, their inner qualities are, of course, equally impressive. The luminaires provide pleasant lighting comfort and also serve as a shining example of direct cost savings through automatically switched lighting where continuous lighting would otherwise be required - not least thanks to the Bluetooth-based benefits of STEINEL Connected Lighting. This is because, thanks to new 24 GHz high-frequency technology, detection stops at the wall. Added to this is the precise range adjustment, which in turn ensures even greater detection sensitivity. To improve reparability and maximise service life, the luminaires have been deliberately designed with a modular structure. This means that the sensor, control unit, LEDs, emergency light battery and emergency light control unit - in addition to the cover - can be replaced by a specialist as spare parts. Furthermore, the cable with 5-core through-wiring can be fed in from either side or from the rear. All versions without an integrated emergency light are suitable for connection to central battery systems. The SC EM variant is available for a decentralised single-battery solution providing 3 hours of emergency lighting.

Technical specifications

Dimensions (L x W x H)	1500 x 164 x 75 mm	Colour temperature	4000 K
With lamp	Yes, STEINEL LED system	Colour variation LED	SDCM3
With motion detector	Yes	Lamp	LED cannot be replaced
Manufacturer's Warranty	5 years	Base	Other
Settings via	Bluetooth Mesh, Bluetooth, App	LED cooling system	Passive Thermo Control
With remote control	No	Soft light start	Yes
Version	with motion detector - 4000K, emergency light	Continuous light	selectable
PU1, EAN	4007841086879	Functions	DIM function, Orientation light, Light sensor, Connection to central battery systems, Motions sensor, Adjustable fade time when switching on and off, Free selection of the light value in a luminaire group, Group parameterisation, Neighbouring group function, Encrypted communication,
Application, place	Indoors		
Application, room	Indoors, warehouse, multi-storey / underground car park, corridor / aisle, function room / ancillary room,		

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Technical specifications

	stairwell, changing room, WC / washroom		Emergency light in compliance with EN 60598-2-22 for 3h
Colour	white	Twilight setting	2 – 2000 lx
includes sheet of self-adhesive numbers	No	Time setting	5 s – 60 Min.
Installation site	ceiling, wall	Basic light level function	Yes
Installation	Surface wiring, Ceiling, Wall	Basic light level function time	1-60 min
Impact resistance	IK07	Main light adjustable	10 - 100 %
IP-rating	IP44	Twilight setting TEACH	Yes
Protection class	II	Interconnection	Yes
Ambient temperature	from -20 up to 40 °C	Type of interconnection	Master/master
Housing material	Plastic	Interconnection via	Bluetooth Mesh
Cover material	Plastic, opal	Fuse protection B10	50
Mains power supply	220 – 240 V / 50 – 60 Hz	Fuse protection B16	79
Mounting height max.	3,50 m	Fuse protection C10	54
HF-system	24 GHz	Fuse protection C16	87
Slave mode/selectable	Yes	Basic light level function in per cent	10 – 100 %
Capability of masking out individual segments	No	Output	42 W
Electronic scalability	Yes	Colour Rendering Index CRI	= 82
Mechanical scalability	No	Luminous flux, emergency light	730 lm
Reach, radial	Ø 8 m (50 m²)	Notlichtfunktion	decentralised (single-battery)
Reach, tangential	Ø 8 m (50 m²)	Beleuchtung durch Notlicht-Modul	3 h
Photo-cell controller	Yes	Angle of aperture	160 °
Luminous flux total product	6047 lm	Detection angle	360 °
		Product category	Sensor-switched LED indoor light

Optional system components

EAN 4007841 084653	Wireless push button PB2-Bluetooth
EAN 4007841 084660	Wireless push button PB4-Bluetooth
EAN 4007841 067342	PC4 Bluetooth push-button coupler
EAN 4007841 067335	Relay REL5A-Bluetooth

Sensor-switched LED indoor light - Professional Line

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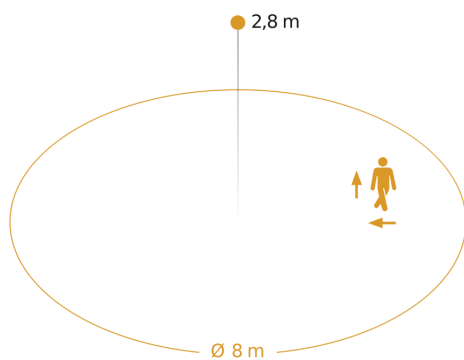
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Detection Zone



Dimension Drawing



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

Orange: radial and tangential

Circuit diagram

