

RS PRO 5550 SC

with motion detector - 3000K, emergency light

EAN 4007841 087296

Article number 087296



Bluetooth

HF® digital2

Digital high frequency



high frequency sensor 360°

3000 K

3000K warm-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	Total product efficiency	137,3 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 Mesh, Bluetooth, App	Base	Other
With remote control	No	LED cooling system	Passive Thermo Control
Version	with motion detector - 3000K, emergency light	Soft light start	Yes
PU1, EAN	4007841087296	Continuous light	selectable
Application, place	Indoors	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
Application, room	Indoors, warehouse, multi-storey / underground car park, corridor / aisle, function room / ancillary room,		

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	stairwell, changing room, WC / washroom	function, Encrypted communication, Emergency light in compliance with EN 60598-2-22 for 3h
Colour	white	
includes sheet of self-adhesive numbers	No	
Installation site	ceiling, wall	
Installation	Surface wiring, Ceiling, Wall	
Impact resistance	IK07	
IP-rating	IP44	
Protection class	II	
Ambient temperature	from -20 up to 40 °C	
Housing material	Plastic	
Cover material	Plastic, opal	
Mains power supply	220 – 240 V / 50 – 60 Hz	
Mounting height max.	3,50 m	
HF-system	24 GHz	
Slave modeselectable	Yes	
Capability of masking out individual segments	No	
Electronic scalability	Yes	
Mechanical scalability	No	
Reach, radial	Ø 8 m (50 m²)	
Reach, tangential	Ø 8 m (50 m²)	
Photo-cell controller	Yes	
Luminous flux total product	5768 lm	
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 %	
Twilight setting TEACH	Yes	
Interconnection	Yes	
Type of interconnection	Master/master	
Interconnection via	Bluetooth Mesh	
Fuse protection B10	50	
Fuse protection B16	79	
Fuse protection C10	54	
Fuse protection C16	87	
Basic light level function in per cent	10 – 100 %	
Output	42 W	
Colour Rendering Index CRI	= 82	
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	

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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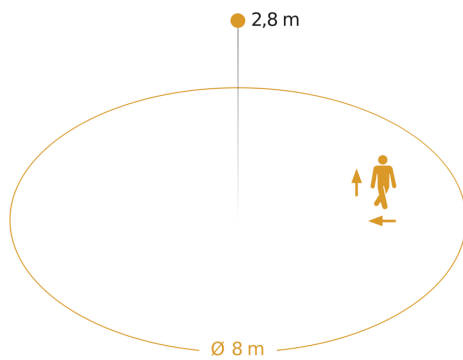
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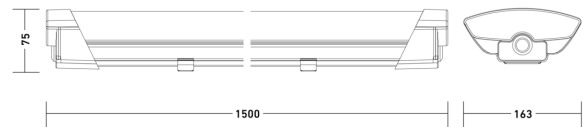
Article number 087296



Detection Zone



Dimension Drawing



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

Orange: radial and tangential

Circuit diagram

