

RS PRO 5500 SC

with motion detector - 4000K, 5-core through-wiring
EAN 4007841 086084
Article number 086084



LED

Bluetooth

HF digital2



4000 K



10-100%

10-100%



36 years (Ø 4,5h / day)

Bluetooth

Digital high frequency

high frequency sensor 360°

4000K neutral white

max. 8 m

20 - 50% basic brightness

10 - 100% main light brightness

2 - 2000 lux

5 sec - 60 min

Function description

Attractive linear luminaire - visually, technically and energetically. Our two new RS PRO 5500/5550 SC linear luminaires cut an excellent figure in industrial environments as well as in passageways and office environments. In addition to their attractive appearance, their inner values are also impressive. The luminaires offer pleasant lighting comfort and are also a shining example of exemplary energy efficiency - also, but not only, thanks to the Bluetooth-based benefits of STEINEL Connected Lighting. Thanks to new high-frequency technology with 24 GHz, detection ends at the wall. Added to this is the centimetre-precise range setting, which in turn ensures even greater detection sensitivity. For better repairability and the longest possible service life, the luminaires are deliberately modular in design and thus follow our sustainability approach. This means that the sensor, control gear, LEDs, emergency lighting battery and emergency lighting control gear can be replaced as spare parts by a specialist in addition to the cover. The cable with 5-core through-wiring can also be inserted on both sides or from the rear. The standard SC version enables an emergency lighting function on the central battery. The SC EM version is available for a decentralised single battery solution for 3 hours of emergency lighting.

Technical specifications

Dimensions (L x W x H)	1200 x 164 x 75 mm	Reach, tangential	Ø 8 m (50 m ²)
With lamp	Yes, STEINEL LED system	Photo-cell controller	Yes
With motion detector	Yes	Luminous flux total product	4458 lm
Manufacturer's Warranty	5 years	Total product efficiency	143,8 lm/W
Settings via	Bluetooth Mesh, App, Bluetooth	Colour temperature	4000 K
With remote control	No	Colour variation LED	SDCM3
Version	with motion detector - 4000K, 5-core through-wiring	Lamp	LED cannot be replaced
PU1, EAN	4007841086084	Base	Other
Application, place	Indoors	LED cooling system	Passive Thermo Control
Application, room	Indoors, warehouse, multi-storey / underground car park, corridor / aisle, function room / ancillary room, stairwell, changing room, WC / washroom	Soft light start	Yes
		Continuous light	selectable
		Functions	DIM function, Orientation light, Light sensor, Connection to central battery systems, Motions sensor, Adjustable

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Technical specifications

Colour	white	fade time when switching on and off, Free selection of the light value in a luminaire group, Group parameterisation, Neighbouring group function, Encrypted communication
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 m ²)	
		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 0 - 100 %
		Twilight setting TEACH Yes
		Interconnection Yes
		Type of interconnection Master/master
		Interconnection via Bluetooth Mesh
		Basic light level function in per cent 1 – 100 %
		Output 31 W
		Colour Rendering Index CRI = 82
		Angle of aperture 160 °
		Detection angle 360 °
		Product category Sensor-switched LED indoor light

Sensor-switched LED indoor light - Professional Line

RS PRO 5500 SC

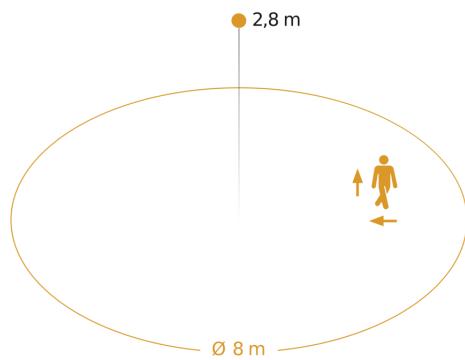
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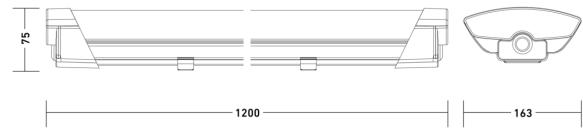
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Detection Zone



Dimension Drawing



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

Orange: radial and tangential

Circuit diagram

