

RS PRO 5500 SC

with motion detector - 3000K, 3-core through-wiring

EAN 4007841 091514

Article number 091514



Function description

Attractive linear luminaire - both visually and technically. 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 reparability 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 3-core through-wiring can also be inserted on both sides or from the rear. All versions without an integrated emergency light are suitable for connection to central battery systems. 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	Luminous flux total product	4149 lm
With lamp	Yes, STEINEL LED system	Total product efficiency	133,8 lm/W
With motion detector	Yes	Colour temperature	3000 K
Manufacturer's Warranty	5 years	Colour variation LED	SDCM3
Settings via	Bluetooth Mesh, Bluetooth, App	Lamp	LED can be replaced
With remote control	No	Base	Other
Version	with motion detector - 3000K, 3-core through-wiring	LED cooling system	Passive Thermo Control
PU1, EAN	4007841091514	Soft light start	Yes
Application, place	Indoors	Continuous light	selectable
Application, room	Indoors, warehouse, multi-storey / underground car park, corridor / aisle, function room / ancillary room, stairwell, changing room, WC / washroom	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

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Technical specifications

Colour	white	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 m²)	
Reach, tangential	Ø 8 m (50 m²)	
Photo-cell controller	Yes	
		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
		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
		Colour Rendering Index CRI
		= 82
		Notlichtfunktion
		central (central battery)
		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

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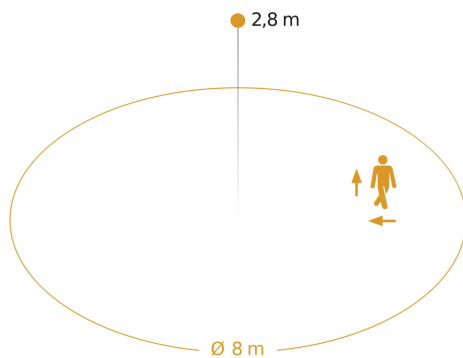
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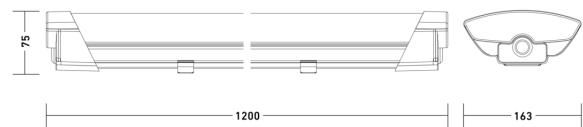
Detection Zone



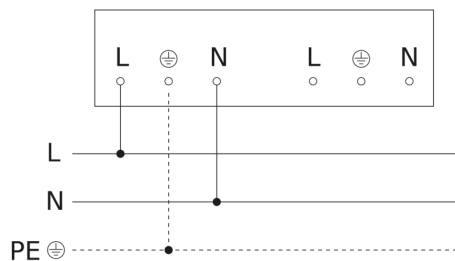
Possible mounting height: 2,00 m – 3,50 m

Orange: radial and tangential

Dimension Drawing



Master circuit diagram



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Master/slave and master/master interconnection circuit diagram

