

# RS PRO 5500 SC

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



<b>LED</b>	Bluetooth	HF digital2	high frequency sensor 360°	4000 K	max. 8 m	10-100%	10-100%	2 - 2000 lux	5 sec - 60 min
36 years (0 4,5h / day)	Bluetooth	Digital high frequency		4000K neutral white		20 - 50% basic brightness	10 - 100% main light brightness		

## 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 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 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	Luminous flux total product	4458 lm
With lamp	Yes, STEINEL LED system	Total product efficiency	143,8 lm/W
With motion detector	Yes	Colour temperature	4000 K
Manufacturer's Warranty	5 years	Colour variation LED	SDCM3
Settings via	Bluetooth Mesh, App, Bluetooth	Lamp	LED cannot be replaced
With remote control	No	Base	Other
Version	with motion detector - 4000K, 5-core through-wiring	LED cooling system	Passive Thermo Control
PU1, EAN	4007841086084	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 m <sup>2</sup> )	
Reach, tangential	Ø 8 m (50 m <sup>2</sup> )	
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
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

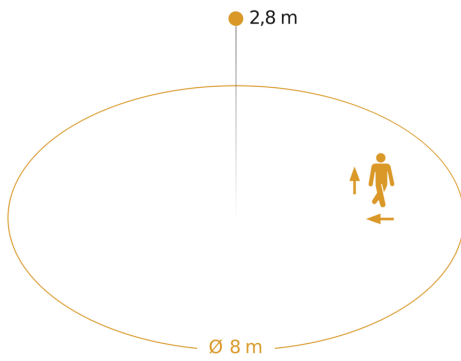
Sensor-switched LED indoor light - Professional Line

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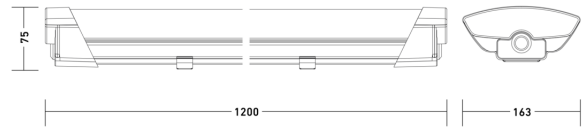
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## Detection Zone



## Dimension Drawing



Possible mounting height: 2,00 m - 3,50 m  
Orange: radial and tangential

## Circuit diagram

