

RS PRO 5500 SC

with motion detector - 3000K, 5-core through-wiring

EAN 4007841 087289

Article number 087289



LED

36 years (0 4,5h / day)

Bluetooth

Bluetooth

HF digital2

Digital high frequency



high frequency sensor 360°

3000 K

3000K warm-white



max. 8 m

10-100%

20 - 50% basic brightness

10-100%

10 - 100% main light brightness



2 - 2000 lux



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. The standard SC version provides an emergency lighting function powered by the central battery. 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)	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, 5-core through-wiring	LED cooling system	Passive Thermo Control
PU1, EAN	4007841087289	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,	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

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Technical specifications

	stairwell, changing room, WC / washroom
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 mode/selectable	Yes
Capability of masking out individual segments	No
Electronic scalability	Yes
Mechanical scalability	No
Reach, radial	Ø 8 m (50 m ²)
Reach, tangential	Ø 8 m (50 m ²)
Photo-cell controller	Yes

	luminaire group, Group parameterisation, Neighbouring group function, Encrypted communication
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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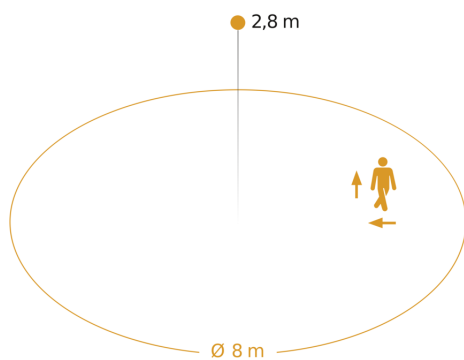
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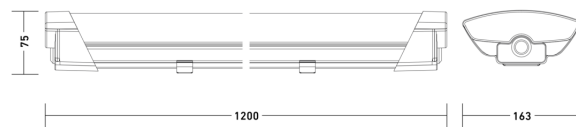
Detection Zone



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

Orange: radial and tangential

Dimension Drawing



Circuit diagram

