

RS PRO 5550 SC

with motion detector - 4000K, 5-core through-wiring
EAN 4007841 086091
Article number 086091



LED



HF digital2



4000 K



10-100%

10-100%



2 - 2000 lux



5 sec - 60 min

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

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)	1500 x 164 x 75 mm
With lamp	Yes, STEINEL LED system
With motion detector	Yes
Manufacturer's Warranty	5 years
Settings via	Bluetooth Mesh, Bluetooth, App
With remote control	No
Version	with motion detector - 4000K, 5-core through-wiring
PU1, EAN	4007841086091
Application, place	Indoors
Application, room	Indoors, warehouse, multi-storey / underground car park, corridor / aisle, function room / ancillary room, stairwell, changing room, WC / washroom

Reach, radial	Ø 8 m (50 m ²)
Reach, tangential	Ø 8 m (50 m ²)
Photo-cell controller	Yes
Luminous flux total product	6047 lm
Colour temperature	4000 K
Colour variation LED	SDCM3
Lamp	LED cannot be replaced
Base	Other
LED cooling system	Passive Thermo Control
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	Twilight setting 2 – 2000 lx
Impact resistance	IK07	Time setting 5 s – 60 Min.
IP-rating	IP44	Basic light level function Yes
Protection class	II	Basic light level function time 1-60 min
Ambient temperature	from -20 up to 40 °C	Main light adjustable 0 - 100 %
Housing material	Plastic	Twilight setting TEACH Yes
Cover material	Plastic, opal	Interconnection Yes
Mains power supply	220 – 240 V / 50 – 60 Hz	Type of interconnection Master/master
Mounting height max.	3,50 m	Interconnection via Bluetooth Mesh
HF-system	24 GHz	Basic light level function in per cent 1 – 100 %
Slave modeselectable	Yes	Output 42 W
Capability of masking out individual segments	No	Colour Rendering Index CRI = 82
Electronic scalability	Yes	Angle of aperture 160 °
Mechanical scalability	No	Detection angle 360 °
		Product category Sensor-switched LED indoor light

Sensor-switched LED indoor light - Professional Line

RS PRO 5550 SC

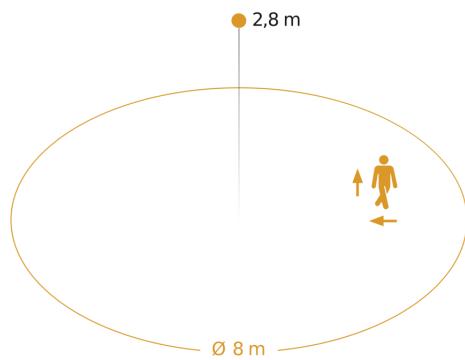
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steinel

Detection Zone



Dimension Drawing



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

Orange: radial and tangential

Circuit diagram

