

Sensor-switched LED indoor light - Professional Line

RS PRO 5800 LED

Sensor

EAN 4007841 007652

Article number 007652



LED

30 years (Ø 4,5h / day)

4000 K

4000K neutral white



high frequency sensor 360°



Ø 2 - 8 m

IP66

IP66 Dust-proof and jet water protected



soft light start



10 - 50% basic brightness



shock proof IK07



networkable via cable



ideal max. 3,5 m

Function description

Dynamic lighting intelligence. RS PRO 5800 LED high-frequency SensorLight, ideal for corridors, thoroughfares and stairwells as well as WC facilities, washrooms and warehouses or multi-storey car parks and cold rooms. 33 W for 4065 lm of light, optional 10% – 50 % basic light level, integrated DALI interconnection capability, swarm function for dynamic light, RGS – Remote Group Setting function, lighting groups, including basic light level, can be synchronised, adjustment by optional RC 10 remote control.

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Technical specifications

Dimensions (L x W x H)	105 x 1278 x 105 mm
Mains power supply	220 – 240 V / 50 – 60 Hz
Sensor Technology	High frequency
Transmitter power	
HF-system	5,8 GHz
Output	33 W
Power consumption	0,38 W
Interconnection	Yes
Type of interconnection	Master/master, Master/slave
Interconnection via	DALI bus
Luminous flux	4065 lm
Colour temperature	4000 K
Colour variation LED	SDCM3
Colour Rendering Index	80-89
With lamp	Yes, STEINEL LED system
Lamp	LED cannot be replaced
LED life expectancy (max. °C)	50000 h
Drop in luminous flux in accordance with LM80	L70B10
Base	without
LED cooling system	Passive Thermo Control
With motion detector	Yes
Detection	also through glass, wood and stud walls
Detection angle	360 °
Angle of aperture	160 °

Capability of masking out individual segments	Yes
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
Twilight setting	2 – 2000 lx
Time setting	5 s – 15 Min.
Basic light level function	Yes
Main light adjustable	50 - 100 %
Functions	Group parameterisation, Neighbouring group function, Presence function
Soft light start	Yes
Impact resistance	IK07
IP-rating	IP66
Protection class	I
Ambient temperature	-20 – 30 °C
Housing material	Plastic
Cover material	Plastic, opal
Manufacturer's Warranty	5 years
Settings via	Remote control, Smart Remote
With remote control	No
Installation site	wall, ceiling
Version	Sensor
PU1, EAN	4007841007652

Accessories

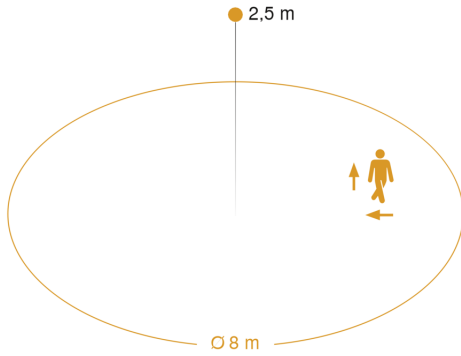
EAN 4007841 009151	Remote control Smart Remote
EAN 4007841 008925	RC10 for RS PRO 5800/5850 LED

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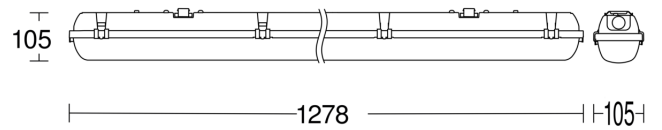


Detection Zone

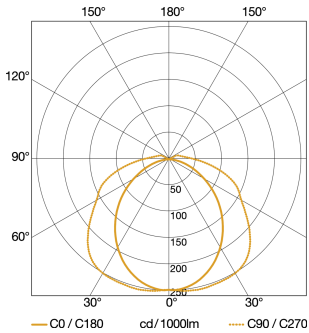


Mögliche Montagehöhe: 2,00 m – 4,00 m
 Orange: radial und tangential

Dimension Drawing

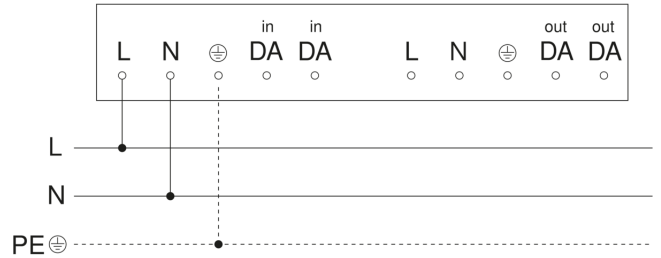


Light Distribution Curve



Output	33 W
With lamp	Yes, STEINEL LED system
Lamp	LED cannot be replaced
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LED cooling system	Passive Thermo Control

Master circuit diagram



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Master/slave and master/master interconnection circuit diagram

