

STEINEL® PROFESSIONAL

German Quality

RS PRO LED S1



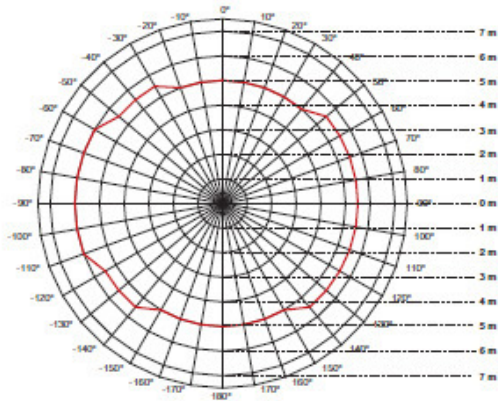
RS PRO SYSTEM

The smartest light in the world: RS PRO LED S1

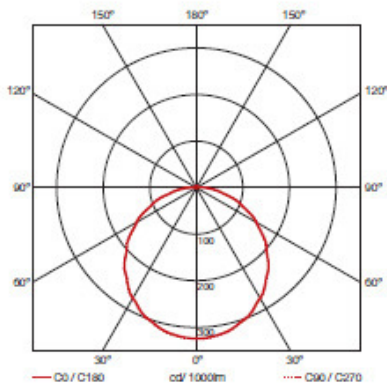
It has everything today's technology can offer in the way of being an ideal, selfcontrolled light offering maximum efficiency: a high-frequency sensor for detecting persons, LED's for efficient instant light, a light sensor for identifying the room situation, an 868-MHz wireless communication system for creating light groups, and a modern, slim-line design that also ensures optimum cooling for the LED's. All in all, the RS PRO LED S1 is a lighting revolution: the temperature of the LED's is electronically monitored all the time. Going unnoticed, the system controls output to suit demand so as to provide optimum light all the time while maximising LED life. Several lights can interconnected by wireless communication in a room to form a group. What's interesting here is that all lights have equal status, working and responding as one big light.

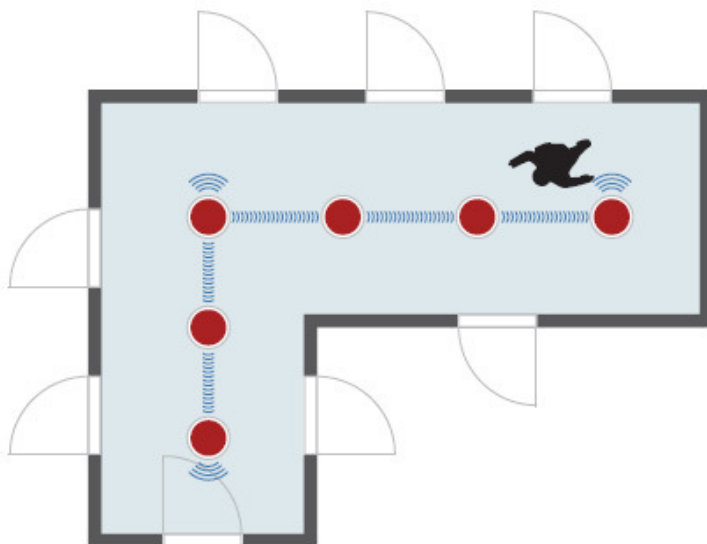
- Completely innovative design
- HF-sensor technology and LED light for maximum efficiency
- LED output 16 W
- Instant light, no start-up curve
- Pleasant colour of light
- Master/master configurations by 868-MHz wireless link
- Glass or plastic shade

Detection zone at a mounting height of 2.8 m
(red = radial walking direction)



Light distribution curves for RS PRO LED S1





Several lights can interconnected by 868 MHz wireless communication in a room to form a group.



RS PRO LED S1

EAN sensor, PC *1	4007841 744700
EAN sensor, PMMA *2	4007841 745400
EAN sensor, glass	4007841 744601
Dimensions (WxHxD)	300 x 300 x 67 mm
Voltage	230 - 240 V / 50 Hz
Output	16 W LED (1.8 W dimmed)
Lighting current	1200 lm (without shade)
Efficiency	75 lm/W (without shade)
Lighting current (with shade)	Plastic PC: 535 lm Plastic PMMA: 760 lm Glass: 660 lm

Efficiency (with shade)	Plastic PC: 33,44 lm/W Plastic PMMA: 47,50 lm/W Glass: 41,25 lm/W
Light colour	3500 Kelvin
HF-system	5.8 GHz (responds irrespective of temperature to the tiniest of movements)
Detection angle	360° with 160° angle of aperture
Transmitting power	approx. 1 mW
Reach	1 – 8 m all round, infinitely variable, in 4 directions
Max. area covered	approx. 50 m ²
Time setting	5 sec. – 15 min. + Install mode
Twilight setting	2 – 2000 lux, teach-in mode
Brightness control	10 % when dimmed (1.8 W) a) all night b) 10 min. after selected time elapses c) 30 min. after selected time elapses
IP rating	IP 20
IK-class	PC: IK07; PMMA: IK03, Glas: IK02
Protection class	I
Temperature range	-10° to +50° C Subject to technical modifications. *1 PC = Polycarbonate *2 PMMA = Polymethylmethacrylate (colloquial acrylic glass or Plexiglass)

Detection zone



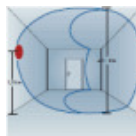
Reach: 1– 8 m dia. radially Angle of coverage: 360° Angle of aperture: 140°



Our high-frequency sensors operate at 5.8 GHz and < 1 mW.



Reach setting 1 – 8 m all round when mounted to ceiling.



Reach setting 1 – 8 m all round when mounted to wall.

Detail



Cooling fins and light diffuser merge into an aesthetically pleasing unit.

Interconnection



Secure wireless protocol; Reach: approx. 30 m in buildings, no interference possible from permanent transmitters. Wireless-'ON'/'OFF' selector switch