RS PRO LED S 1

Intelligence isn't a matter of size.
But of inner values.

It's slender, purist and altogether perfectly formed. It's intelligent, energy-efficient, a shining example and featuring everything that's technically feasible today: 16-watt STEINEL LED lighting system for instant, power-saving light, aluminium cooling fins and patented STEINEL Active-Thermo-Control for a long life. The high-frequency sensor covers 360°. 868 MHz wireless communication takes every effort out of grouping lights without the need for cabling. Upshot: the RS PRO LED S1 is more than just lighting evolution, it's a revolution.

LED
30 years
(Ø 4,5h / day)

16w
max. 972 lm
60.75 lm/W

high frequency
sensor 360°

Ø 1–8 m

2–2000 lux

5 sec–15 min

basic
brightness

networkable
wireless

energy
saving

5-JAHRE GARANTIE
functional
warranty

Dimensions (H x W x D)	300 x 300 x 71 mm
Power supply	230–240 V, 50/60 Hz
Sensor type	High frequency
Transmitter power	approx. 1 mW
HF system	5.8 GHz (responds to the smallest of movements regardless of temperature)
Output	16 W (1.8 W when dimmed)
Additional switching capacity	Master/master configurations and master/slave via 868 MHz wireless connection
Brightness / efficiency (without shade)	1200 lm / 75 lm/W
Colour temperature WW	3000 K / SDCM 3
Colour temperature CW	4000 K / SDCM 3
Colour rendering	Ra ≥ 80
LED life expectancy	50,000 h (L70B10 to LM80)
LED cooling system	Active Thermo Control
Angle of coverage	360° with 160° angle of aperture
Detection	also through glass, wood and stud walls
Reach	1 – 8 m all round, infinitely variable, can be limited in 4 directions
Slave mode	selectable
Max. area covered	50 m²
Response light level	2 - 2000 lx
Basic light level	Dimmed to 10 %, a) all night long, b) 10 min. after expiry of the set time, c) 30 min. after expiry of the set time
Time setting	5 sec. - 15 min.
IP rating	IP20
Protection class	II
Impact resistance (PMMA)	IK03
Impact resistance (polycarbonate)	IK07
Impact resistance (glass)	IK02
Temperature range	- 10 to +50 °C
Material	Aluminium base
With lamp	STEINEL LED system

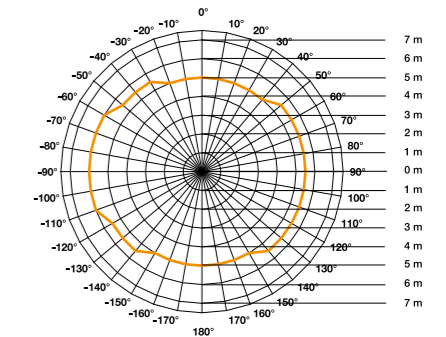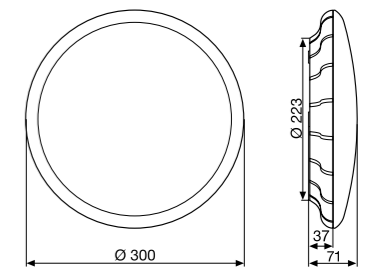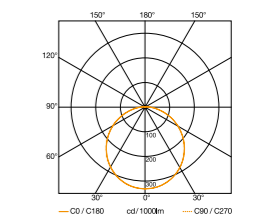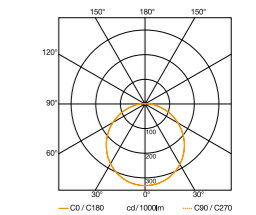| EAN RS PRO LED S1 CW PMMA	4007841 007058
Brightness / efficiency (with shade)	972 lm / 60.75 lm/W
EAN RS PRO LED S1 CW, polycarbonate	4007841 007010
Brightness / efficiency (with shade)	734 lm / 45.70 lm/W
EAN RS PRO LED S1 CW, glass	4007841 006990
Brightness / efficiency (with shade)	887 lm / 55.43 lm/W
EAN RS PRO LED S1 WW PMMA	4007841 007072
Brightness / efficiency (with shade)	950 lm / 59.38 lm/W
EAN RS PRO LED S1 WW, polycarbonate	4007841 007034
Brightness / efficiency (with shade)	668 lm / 41.75 lm/W
EAN RS PRO LED S1 WW, glass	4007841 006983
Brightness / efficiency (with shade)	808 lm / 50.50 lm/W

CE

05

650
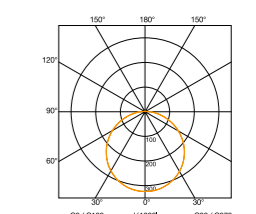PMMA

650
Polycarbonat

Ø 223

Ø 300

37
71

RS PRO LED S1 detection zone
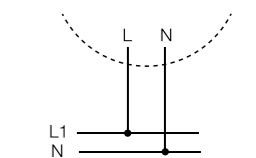Mounting height 2.8 m
orange = radial walking direction

Light distribution curve for RS PRO LED S1 PMMA

Light distribution curve for RS PRO LED S1 PC

Light distribution curve for RS PRO LED S1 glass

L   N

L1
N

Parallel operation by integrated wireless module

Including STEINEL
LED system

Intelligent LED
(ATC) cooling system

Optional basic
light level 10 %

Wireless
interconnection

High-quality
aluminium

High-Frequency
Sensor Lights
for Indoors