RS PRO DL 150 MP20

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with motion detector & Bluetooth
EAN 4007841 087258
Article number 087258

high frequency sensor 360°	max. ø 7 m	Settings via App	soft light start	0 - 100% main light brightness	0 - 100% basic light	IP54 room side

Control gear not exchangeable	Light source not exchangeable	5 years / manufacturer's warranty steinel-professional.de/garantie

Function description

174 mm and 230 mm indoor downlights with a low installation height and an output of 1193 lm or 2205 lm. Ideal for stairwells, hallways, WCs, washrooms, changing rooms, utility rooms and side rooms. Equipped with a 360° high-frequency sensor (ø 7 m range) and the latest Bluetooth Mesh technology. For intelligent light controls at STEINEL level. Quick, wireless connection and configuration, as well as grouping of lights via the STEINEL Connect App. With soft light start, neighbouring group function, dimmable basic light and main light, and colour temperature change function (3000 K, 4000 K, 5700 K). Mounting height: max. 4 m. Thanks to a practical mounting adapter, oversized mounting holes from previously installed lights are no problem (available from Q2/2023).

Technical specifications

Dimensions (Ø x H)	174 x 73 mm	Twilight setting	2 – 2000 lx
With lamp	Yes, STEINEL LED system	Time setting	5 s – 60 Min.
With motion detector	Yes	Basic light level function	Yes
Manufacturer's Warranty	5 years	Basic light level function, detail	LED effect light
Settings via	Smartphone, App, Bluetooth	Basic light level function time	5s-60 min
Version	with motion detector & Bluetooth	Main light adjustable	0 - 100 %
PU1, EAN	4007841087258	Interconnection	Yes
Application, place	Indoors	Interconnection via	Bluetooth Mesh
Application, room	corridor / aisle, function room / ancillary room, WC / washroom, changing room, stairwell, kitchenette, reception / lobby, Indoors	Lifetime LED according to IEC-62717 (L70)	>54.000
		Lifetime LED according to IEC-62717 (L80)	>54.000
Colour	white	Lebensdauer LED nach IES TM-21 (L70)	>54.000
Installation site	ceiling	Lifetime LED according to IES TM-21 (L80)	>54.000
Installation	Ceiling, In-ceiling installation		
Impact resistance	IK05	Fuse protection B10	78

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Technical specifications

IP-rating	IP20	Fuse protection B16	125
Protection class	II	Fuse protection C10	193
Ambient temperature	from -20 up to 40 °C	Fuse protection C16	209
Mains power supply	220 – 240 V / 50 – 60 Hz	Basic light level function in per cent	0 – 100 %
Power consumption	0,5 W	Output	10,8 W
Mounting height max.	4,00 m	Colour Rendering Index CRI	= 82
HF-system	5,8 GHz	Photobiological safety in accordance with EN 62471	RG1
Slave modeselectable	Yes	IP-rating, ceiling	IP54
Detection	also through glass, wood and stud walls	Luminous flux total product (3.000K)	1109 lm
Reach, radial	Ø 7 m (38 m²)	Luminous flux total product (4.000K)	1177 lm
Reach, tangential	Ø 7 m (38 m²)	Luminous flux total product (5.700K)	1137 lm
Colour temperature	3000 K, 4000 K, 5700 K	Total product efficiency (3.000K)	103 lm/W
Colour variation LED	SDCM3	Total product efficiency (4.000K)	109 lm/W
Lamp	LED cannot be replaced	Total product efficiency (5.700K)	105 lm/W
LED cooling system	Passive Thermo Control	Detection angle	360 °
Soft light start	Yes	Product category	Sensor-switched LED indoor light
Functions	Connection to central battery systems, DIM function, Adjustable fade time when switching on and off, Color temperature change, Free selection of the light value in a luminaire group, Group parameterisation, Light sensor, Neighbouring group function, Orientation light, Encrypted communication		

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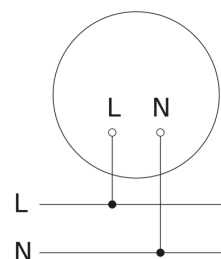## Detection Zone

● 2,8 m

Ø 7 m
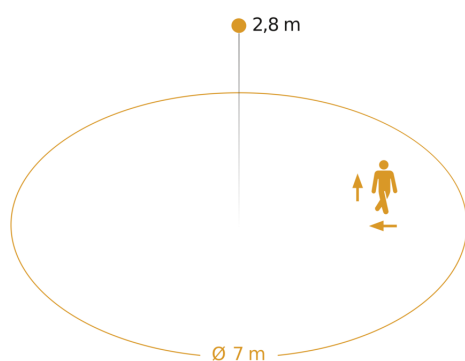
Possible mounting height: 2,00 m – 4,00 m
Orange: radial and tangential

Master circuit diagram

L   N

L
N

Master/master bluetooth interconnection circuit diagram

L   N   L   N

L
N