Sensor-switched LED indoor light - Professional Line

RS PRO 5100 SC

with motion detector & Bluetooth
EAN 4007841 078881
Article number 078881

36 years (Ø 4,5h / day)

4000K neutral white

high frequency sensor 360°

max. Ø 10 m

10 - 100% basic brightness

10 - 100% main light brightness

2 - 2000 lux

5 sec - 60 min

shock proof IK07

connectable via bluetooth

Function description

Our engineers agreed: The new damp-proof light should be simple and good. Easy to install and maintain, good in energy efficiency, function and quality. The moisture-proof luminaire the world has been waiting for. Robust, highly functional, child's play to install, wireless to network and ultimately convenient to adjust via smartphone. 360° high-frequency sensor, 10 m range. With 4250 lm at 31 W and 4000 K. No unintentional switch-off thanks to presence mode.

Technical specifications

Dimensions (L x W x H)	1370 x 87 x 58 mm
With lamp	Yes, LED lamp
With motion detector	Yes
Manufacturer's Warranty	5 years
Settings via	Bluetooth
Version	with motion detector & Bluetooth
PU1, EAN	4007841078881
Colour	grey
Installation site	wall, ceiling
Installation	Wall, Ceiling, Surface wiring
Impact resistance	IK07
IP-rating	IP65
Protection class	II
Ambient temperature	-20 – 40 °C
Housing material	Plastic
Cover material	Plastic, structured
Mains power supply	220 – 240 V / 50 – 60 Hz

Luminous flux total product	4250 lm
Total product efficiency	137 lm/W
Colour temperature	4000 K
Colour variation LED	SDCM3
Lamp	LED cannot be replaced
LED cooling system	Passive Thermo Control
Twilight setting	2 – 2000 lx
Time setting	5 s – 60 Min.
Basic light level function	Yes
Basic light level function time	1-60 min
Main light adjustable	10 - 100 %
Interconnection	Yes
Interconnection via	Bluetooth
Lebensdauer LED nach IEC-62717 (L70)	100.000 h
Lebensdauer LED nach IEC-62717 (L80)	68.000 h
Lebensdauer LED nach IES TM-21 (L70)	>60.000 h
Lebensdauer LED nach IES TM-21 (L80)	>60.000 h

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Technical specifications

Power consumption	0,41 W
Mounting height max.	3,50 m
Detection	also through glass, wood and stud walls
Angle of aperture	160 °
Electronic scalability	Yes
Mechanical scalability	No
Reach, radial	Ø 10 m (79 m^2)
Reach, tangential	Ø 10 m (79 m^2)
Transmitter power	< 1 mW

Absicherung B10 (ST)	41
Absicherung B16 (ST)	65
Absicherung C10 (ST)	67
Absicherung C16 (ST)	108
Basic light level function in per cent	0 – 100 %
Output	31 W
Colour Rendering Index CRI	= 82
Photobiological safety in accordance with EN 62471	RG1
Starting current, maximum	14,8 A

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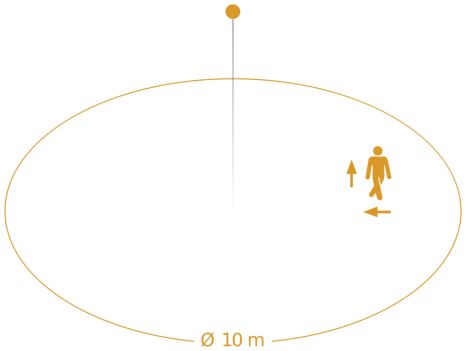
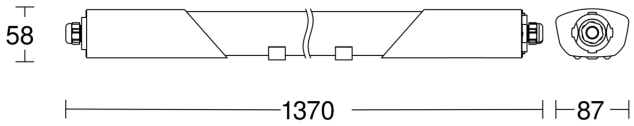
Detection Zone

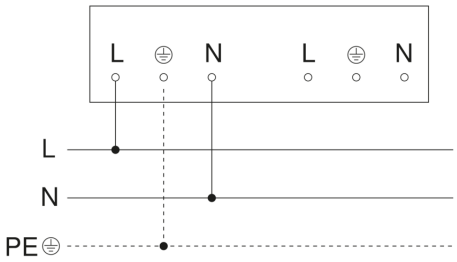


Mögliche Montagehöhe: – 3,50 m
Orange: radial und tangential

Dimension Drawing



Master circuit diagram



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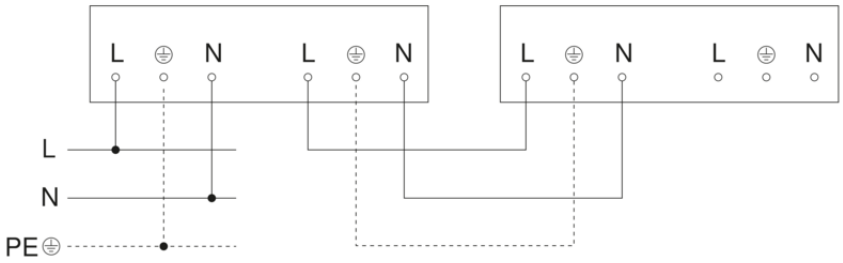
Master/slave and master/master interconnection circuit diagram