

RS PRO 6100 circular SC with motion detector

neva
lux

SENSOR-SWITCHED LED INDOOR LIGHT

EAN 4007841089832

- Long field luminaire, 1200 mm, with integrated digital high-frequency sensor
- Ideal for renovating car parks, halls or garages
- Up to 98% recycled plastic
- 360° motion detection with ø8 m range, 5-wire through-wired
- Precise adjustment of range and sensitivity
- Excellent repairability: power supply unit, sensor and LED card replaceable
- Robust with IP65 protection class and IK08 impact resistance
- All settings and networking easily managed via the free Steinel Connect app
- Suitable for connection to a central battery

1200 x 90 x 80 mm



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Technical Data

IDENTIFICATION			
PU1 EAN	4007841089832		
Material number	110099101		
SAP designation	INNENLEUCHTE RS PRO 6100 Circular SC		
Product name data sheet	RS PRO 6100 circular SC with motion detector		
Product category	Sensor-switched LED indoor light		
Discount group	IL		
Source	Steinel Excel		
Product status	Product announcement		
Manufacturer	Steinel		
DIMENSIONS			
Dimensions L × W × H	1200 x 90 x 80 mm		
PU1 net weight	1.922		
ELECTRICAL			
Mains connection	220 – 240 V / 50 – 60 Hz		
Power	31 W		
Own consumption	0,3 W		
B10 fuse (pcs)	51		
B16 fuse (pcs)	81		
C10 fuse (pcs)	74		
C16 fuse (pcs)	118		
SENSOR TECHNOLOGY			
Max. mounting height	3,50 m		
Sensor technology	High frequency		
Transmission power	< 1 mW		
HF technology	24 GHz		
With motion detector	Yes		
Detection angle	360 °		
Opening angle	160 °		
Electronic scalability	Yes		
Mechanical scalability	No		
Radial range	Ø 8 m (50 m²)	Functions	Motions sensor DIM function
Tangential range	Ø 8 m (50 m²)		Dimmkurve individuell einstellbar Adjustable fade time when switching on and off Semi-/fully automatic
Mounting height	2 – 3,50 m		Light sensor Neighbouring group function Encrypted communication Timer
Optimal mounting height	2,8 m		
CONNECTIVITY		Settings via	App Bluetooth Bluetooth Mesh
Networking	Yes	With remote control	No
Type of networking	Master/master	Twilight setting teach	Yes
Networking via	Bluetooth Mesh	Base light function in percent	10 – 100 %
Slave mode adjustable	Yes	Base light function percent from	10
LIGHTING TECHNOLOGY		Base light function percent to	100
Colour temperature	4000 K	HOUSING & MATERIAL	
LED colour deviation	SDCM3	Impact resistance	IK08
With illuminant	Yes, STEINEL LED system	Protection class (IP)	IP65
Illuminant	LED can be replaced	Protection class	I
Base	without	Ambient temperature	from -20 up to 40 °C
LED cooling system	Passive Thermo Control	Housing material	Plastic
Soft light start	Yes	Cover material	PC structured
Continuous light	selectable	Mounting location	ceiling wall
LIFETIME		Application location	Indoors
LED lifetime per IEC 62717 L70	90.000	Mounting type	Surface wiring
LED lifetime per IEC 62717 L80	90.000	Application room	corridor / aisle function room / ancillary room warehouse multi-storey / underground car park production facilities stairwell changing room WC / washroom
LED lifetime per IES TM-21 L70	90.000	Colour	grey
LED lifetime per IES TM-21 L80	90.000	SCOPE OF DELIVERY & WARRANTY	
SETTINGS		Manufacturer warranty	5 years
Twilight switch	Yes	CERTIFICATES & EPREL	
Twilight setting	2 – 2000 lx	EPREL category	Surrounded product with integrated light source
Time setting	5 s – 60 Min.		
Base light function	Yes		
Base light function time	5s-60 min Brightness-controlled		
Main light adjustable	0 - 100 %		

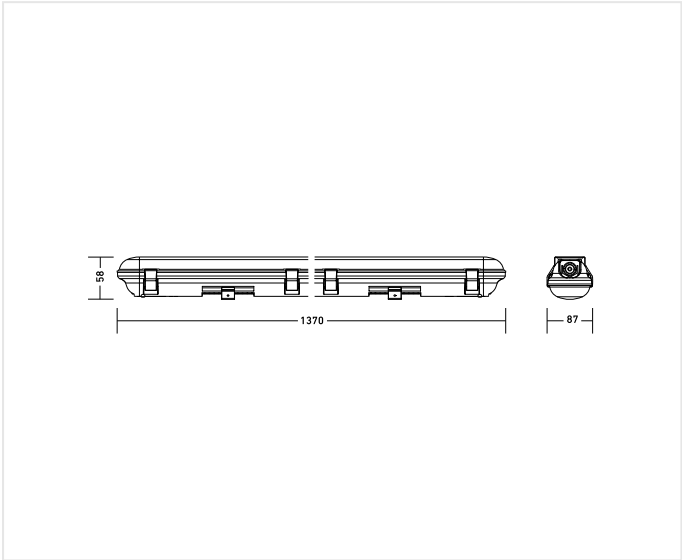
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Illustrations

TECHNICAL DRAWINGS



1200 x 90 x 80 mm

MOUNTING HEIGHT

2 – 3,50 m BEREICH	2,8 m OPTIMAL	3,50 m MAX
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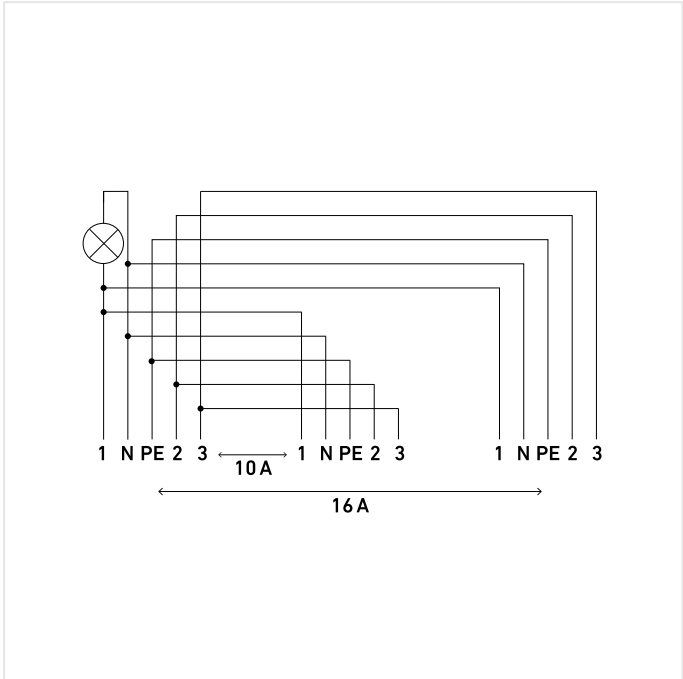
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Wiring Diagrams

WIRING DIAGRAM 1



Light with neutral conductor

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Accessories

ORDERING INFORMATION

Art.-Nr. 089832

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Typ RS PRO 6100 circular SC with motion detector

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