RS PRO 6100 circular SC with motion detector

SENSOR-SWITCHED LED INDOOR LIGHT

EAN 4007841089832
E-Nr. 941622309

- 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

steinel

1200 x 90 x 80 mm



RS PRO 6100 circular SC with motion detector

SENSOR-SWITCHED LED INDOOR LIGHT

EAN 4007841089832
E-Nr. 941622309

Technical Data

DIMENSIONS

Dimensions L × W × H	1200 x 90 x 80 mm

ELECTRICAL

Mains connection	230 V / 50 – 60 Hz
Power	31 W
Own consumption	0,3 W

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)
Tangential range	Ø 8 m (50 m²)
Mounting height	2,0 – 3,5 m
Optimal mounting height	2,8 m

CONNECTIVITY

Networking	Yes
Type of networking	Master/Master
Slave mode adjustable	Yes
Control technology	Steinel Connect
Wireless networking via	BT SIG Mesh
Networking via	Bluetooth Mesh

LIGHTING TECHNOLOGY

Colour temperature	4000 K
LED colour deviation	SDCM3
With illuminant	Yes, STEINEL LED system
Illuminant	LED can be replaced
Base	without
LED cooling system	Passive Thermo Control
Soft light start	Yes
Continuous light	selectable

SETTINGS

Twilight switch	Yes
Twilight setting	2 – 2000 lx
Time setting	5 s – 60 min
Base light function	Yes
Base light function time	5s-60 min, Brightness-controlled
Main light adjustable	0 - 100 %
Functions	Motions sensor, DIM function, Dimmkurve individuell einstellbar, Adjustable fade time when switching on and off, Semi-/fully automatic, Light sensor, Neighbouring group function, Encrypted communication, Timer
Settings via	App, Smartphone, Tablet, Bluetooth
With remote control	No
Twilight setting teach	Yes
Base light function in percent	10 – 100 %
Base light function percent from	10 %
With emergency light	No

HOUSING & MATERIAL

Impact resistance	IK08
Protection class (IP)	IP65
Protection class	I
Ambient temperature	-20...+40 °C
Housing material	Plastic
Cover material	Textured PC
Mounting location	ceiling, wall
Application location	Indoors
Mounting type	Surface mounting
Application room	WC / washroom, changing room, corridor / aisle, function room / ancillary room, multi-storey / underground car park, production facilities, stairwell, warehouse
Colour	Gray

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	5 years

CERTIFICATES & EPREL

EPREL category	Surrounded product with integrated light source

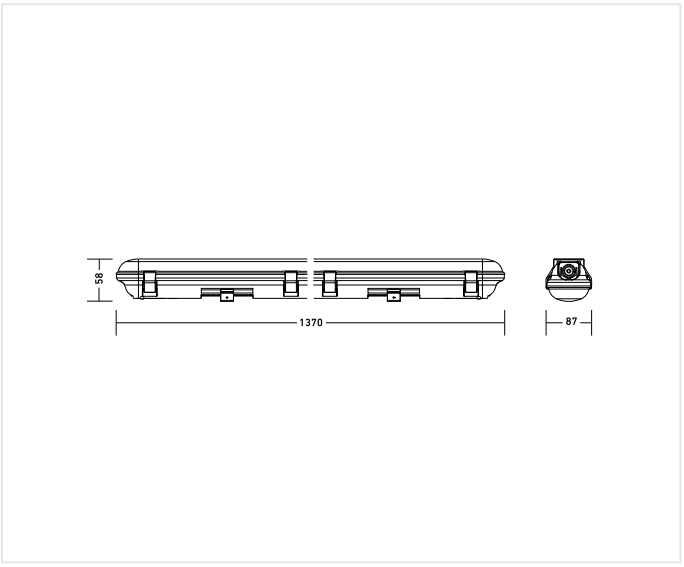
RS PRO 6100 circular SC with motion detector

SENSOR-SWITCHED LED INDOOR LIGHT

EAN **4007841089832**
E-Nr. **941622309**

Illustrations

TECHNICAL DRAWINGS



1200 x 90 x 80 mm

MOUNTING HEIGHT

2,0 – 3,5 m	2,8 m	3,50 m
BEREICH	OPTIMAL	MAX

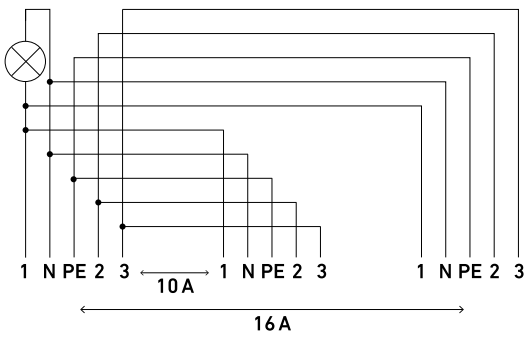
RS PRO 6100 circular SC with motion detector

SENSOR-SWITCHED LED INDOOR LIGHT

EAN **4007841089832**
E-Nr. **941622309**

Wiring Diagrams

WIRING DIAGRAM 1



Light with neutral conductor

RS PRO 6100 circular SC with motion detector

SENSOR-SWITCHED LED INDOOR LIGHT

EAN **4007841089832**
E-Nr. **941622309**

Accessories

ORDERING INFORMATION

Art.-Nr.	089832
EAN	4007841089832
E-Number	941622309
Typ	**RS PRO 6100 circular SC with motion detector**

neva lux

nevalux AG
Neugrütstrasse 2
8610 Uster
+41 44 508 78 78
info@nevalux.swiss