RS PRO 5550 SC with motion detector - 3000K, 3-core through-wiring

SENSOR-SWITCHED LED INDOOR LIGHT

EAN 4007841091590
E-Nr. 941305719

- Linear luminaire, 1500 mm, with integrated digital high-frequency sensor
- Ideal for passageways and office environments
- Easy conversion thanks to sliding bracket
- 3-core cable, through-wired and can be inserted from both sides or from the rear
- 360° motion detection with ø8 m range
- Precise adjustment of range and sensitivity
- Dimmable basic and main light from 10-100%
- All settings and networking easily via the free Steinel Connect app
- Suitable for connection to central battery

steinel

1500 x 164 x 75 mm



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Technical Data

IDENTIFICATION

Variant	3-wire through wiring

DIMENSIONS

Dimensions L × W × H	1500 x 164 x 75 mm

ELECTRICAL

Mains connection	230 V / 50 – 60 Hz
Power	42 W

SENSOR TECHNOLOGY

Max. mounting height	3,50 m
Sensor technology	High frequency
HF technology	24 GHz
With motion detector	Yes
Detection angle	360 °
Opening angle	160 °
Segment-by-segment masking	No
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	3000 K
LED colour deviation	SDCM3
With illuminant	Yes, STEINEL LED system
Illuminant	LED cannot be replaced
Base	Other
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	1-60 min
Main light adjustable	10 - 100 %
Functions	DIM function, Orientation light, Light sensor, Connection to central battery systems, Motions sensor, Adjustable fade time when switching on and off, Free selection of the light value in a luminaire group, Group parameterisation, Neighbouring group function, Encrypted communication
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 %

HOUSING & MATERIAL

Impact resistance	IK07
Protection class (IP)	IP44
Protection class	II
Ambient temperature	-20...+40 °C
Housing material	Plastic
Cover material	Opal plastic
Mounting location	ceiling, wall
Application location	Indoors
Mounting type	Surface mounting
Application room	Indoors, WC / washroom, changing room, corridor / aisle, function room / ancillary room, multi-storey / underground car park, stairwell, warehouse
Colour	White

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	5 years
House number sheet included	No

CERTIFICATES & EPREL

EPREL category	Surrounded product with integrated light source

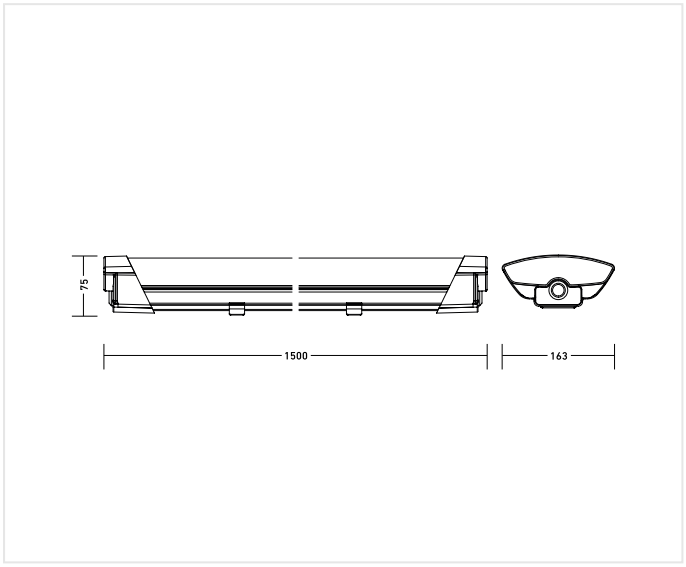
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Illustrations

TECHNICAL DRAWINGS



1500 x 164 x 75 mm

MOUNTING HEIGHT

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

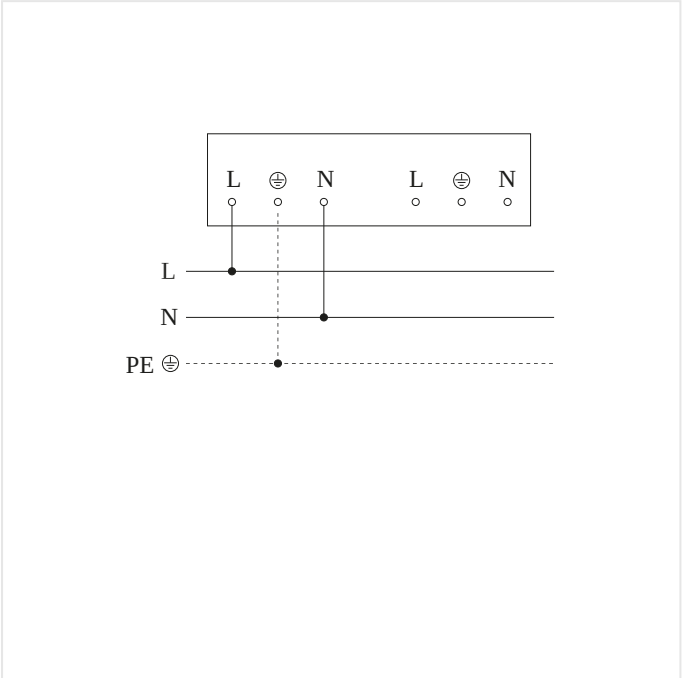
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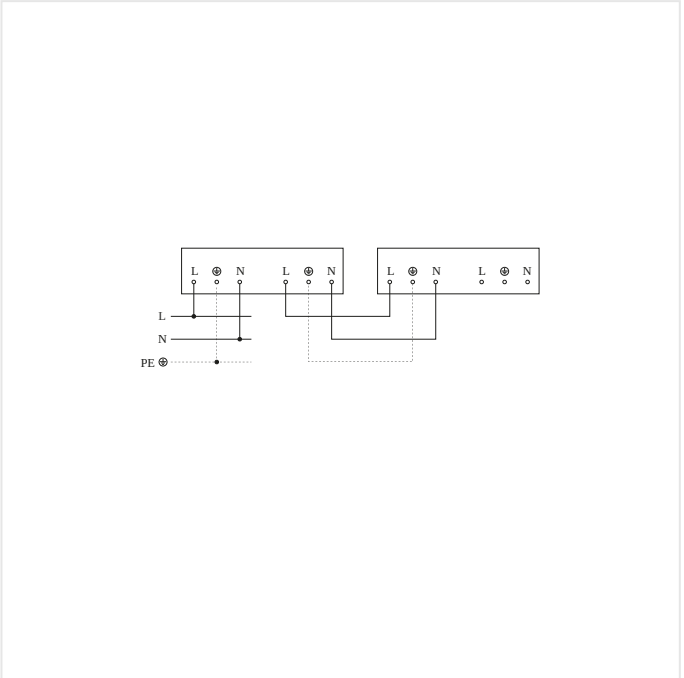
Wiring Diagrams

WIRING DIAGRAM 1



Master circuit diagram

WIRING DIAGRAM 2



Master/slave and master/master interconnection circuit diagram

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Accessories

ORDERING INFORMATION

Art.-Nr.	091590
EAN	4007841091590
E-Number	941305719

Typ**RS PRO 5550 SC with motion detector - 3000K, 3-core through-wiring**

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