RS 20 S

SENSOR-SWITCHED LED INDOOR LIGHT

EAN 4007841079734

- Indoor light with motion detector in a simple and timeless design
- As ceiling or wall luminaire especially suitable for corridors, staircases, guest WCs or basement rooms
- Several luminaires can be networked by cable for synchronous switching
- Automatic light thanks to hidden 360° high-frequency sensor with up to Ø8 m detection on movement
- Functions: adjustable basic light, pleasant soft light start, 4 hours continuous light
- Warm white light (3000 K) and long-life 9,4 W LEDs with 942 lm
- Incl. mounting accessories - plastic-free packaging

steinel

280 x 110 mm



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Technical Data

DIMENSIONS

Dimensions Ø × H	**280 x 110 mm**

ELECTRICAL

Mains connection	**220 – 240 V / 50 – 60 Hz**
Power	**9,4 W**
Own consumption	**0,38 W**

SENSOR TECHNOLOGY

Max. mounting height	**4,00 m**
Sensor technology	**High frequency**
Transmission power	**< 1 mW**
HF technology	**5,8 GHz**
With motion detector	**Yes**
Detection	**also through glass, wood and stud walls**
Detection angle	**360 °**
Opening angle	**160 °**
Segment-by-segment masking	**Yes**
Electronic scalability	**Yes**
Mechanical scalability	**No**
Radial range	**Ø 8 m (50 m²)**
Tangential range	**Ø 8 m (50 m²)**
Mounting height	**2,00 – 4,00 m**
Optimal mounting height	**2,8 m**

CONNECTIVITY

Networking	**Yes**
Type of networking	**Master/master**
Control technology	**On/Off-Leuchte**

LIGHTING TECHNOLOGY

Measured luminous flux 360°	**942 lm**
Colour temperature	**3000 K**
LED colour deviation	**SDCM3**
With illuminant	**Yes, STEINEL LED system**
Illuminant	**LED cannot be replaced**
Base	**without**
LED cooling system	**Passive Thermo Control**
Soft light start	**Yes**
Continuous light	**selectable, 4h**

LIFETIME

LED lifetime max. °C	**50000 h**
Luminous flux decline per LM80	**L80B10**

SETTINGS

Twilight switch	**Yes**
Twilight setting	**2 – 2000 lx**
Time setting	**5 s – 15 Min.**
Base light function	**Yes**
Base light function time	**10/30 min, all night**
Settings via	**Potentiometers**
With remote control	**No**
Twilight setting teach	**No**
Base light function in percent	**10 %**
Base light function percent from	**10 %**

HOUSING & MATERIAL

Impact resistance	**IK03**
Protection class (IP)	**IP44**
Protection class	**II**
Ambient temperature	**from 10 up to 40 °C**
Housing material	**Plastic**
Cover material	**Plastic, opal**
Mounting location	**ceiling wall**
Application location	**Indoors**
Mounting type	**Surface wiring**
Application room	**Indoors WC / washroom changing room corridor / aisle function room / ancillary room kitchenette outdoors stairwell**
Colour	**white**

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	**3 years**

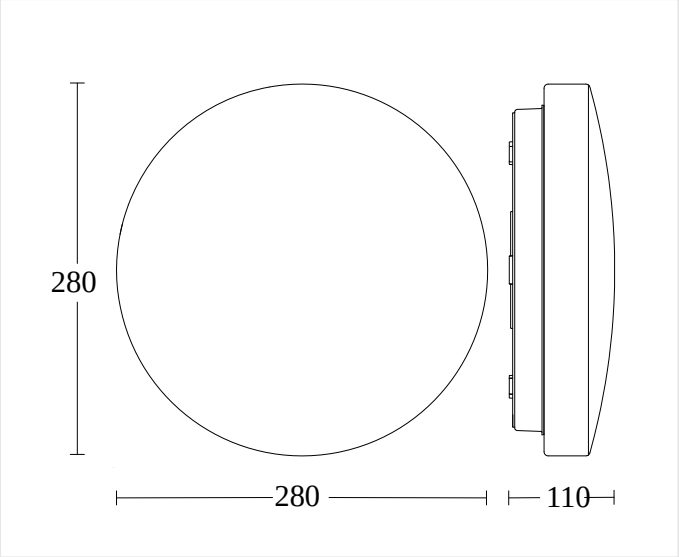
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Illustrations

TECHNICAL DRAWINGS



280 x 110 mm

MOUNTING HEIGHT

2,00 – 4,00 m	2,8 m	4,00 m
BEREICH	OPTIMAL	MAX

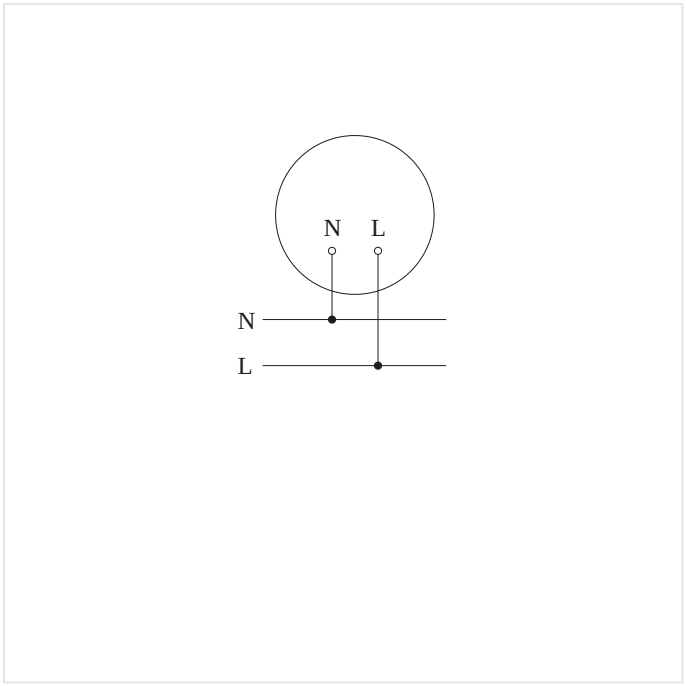
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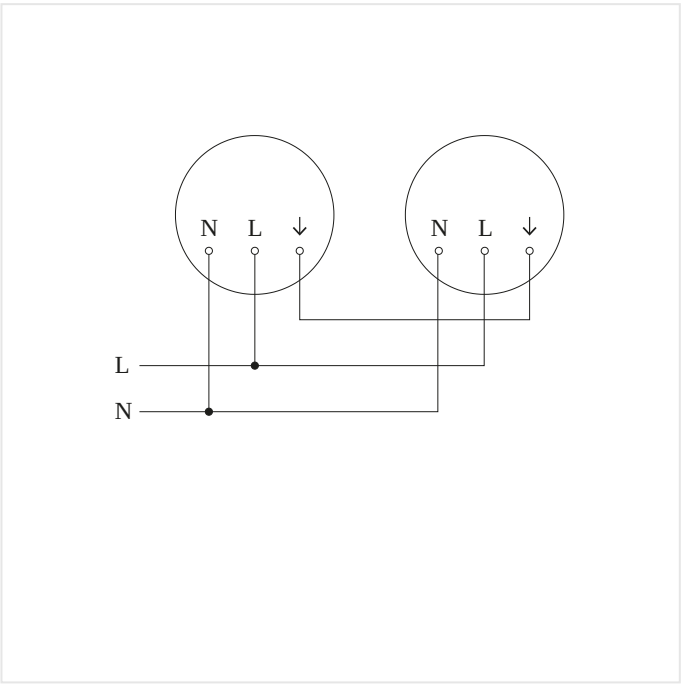
Wiring Diagrams

WIRING DIAGRAM 1



Slave/wireless master interconnection circuit diagram

WIRING DIAGRAM 2



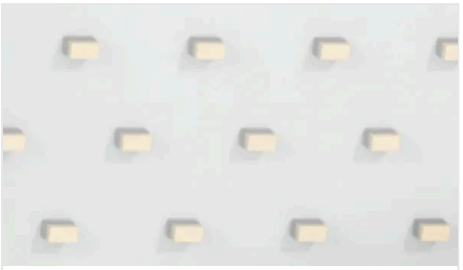
Master/master interconnection circuit diagram

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Highlights



Including STEINEL LED system



4-hour manual override (optional)



Plastic shade



Interconnectable by cable

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Accessories

ORDERING INFORMATION

Art.-Nr.	079734
EAN	4007841079734
Typ	**RS 20 S**

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