# RS 16 S PMMA

**SENSOR-SWITCHED LED INDOOR LIGHT**

EAN 4007841008383
E-Nr. 941300179

- Indoor light with motion detector in a simple round design with UV-resistant plastic cover
- 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, 4 hours continuous light
- Neutral white light (4000 K) and long-life 9,5 W LEDs with 958 lm
- Incl. mounting accessories - plastic-free packaging

276 x 105 mm



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# Technical Data

### DIMENSIONS

| | |
|---|---|
| Dimensions Ø × H | **276 x 105 mm** |

### ELECTRICAL

| | |
|---|---|
| Mains connection | **220 – 240 V / 50 – 60 Hz** |
| Power | **9,5 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 | **No** |
| 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** |
| Slave mode adjustable | **No** |
| Control technology | **On/Off-Leuchte** |

### LIGHTING TECHNOLOGY

| | |
|---|---|
| Measured luminous flux 360° | **958 lm** |
| Colour temperature | **4000 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 | **No** |
| Continuous light | **selectable** |

### LIFETIME

| | |
|---|---|
| LED lifetime max. °C | **50000 h** |
| LED lifetime L70B50 25°C | **> 60000 h** |
| Luminous flux decline per LM80 | **L70B10** |

### 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 corridor / aisle function room / ancillary room outdoors stairwell** |
| Colour | **white** |

### SCOPE OF DELIVERY & WARRANTY

| | |
|---|---|
| Manufacturer warranty | **3 years** |
| House number sheet included | **No** |

### CERTIFICATES & EPREL

| | |
|---|---|
| Certificates | **DEKRA** |
| EPREL category | **Surrounded product with integrated light source** |

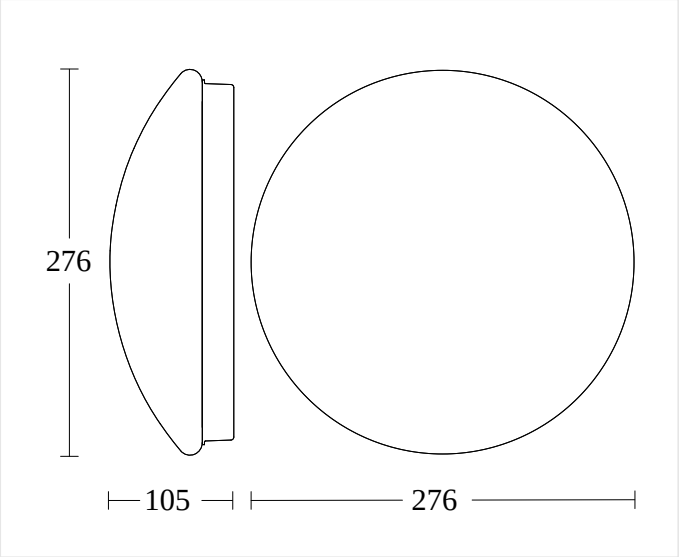
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## Illustrations

### TECHNICAL DRAWINGS




276 x 105 mm

### MOUNTING HEIGHT

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

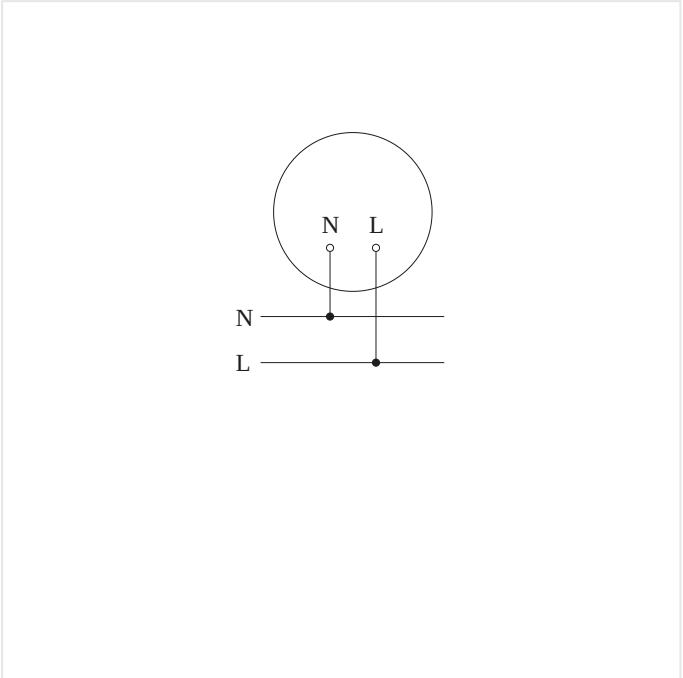
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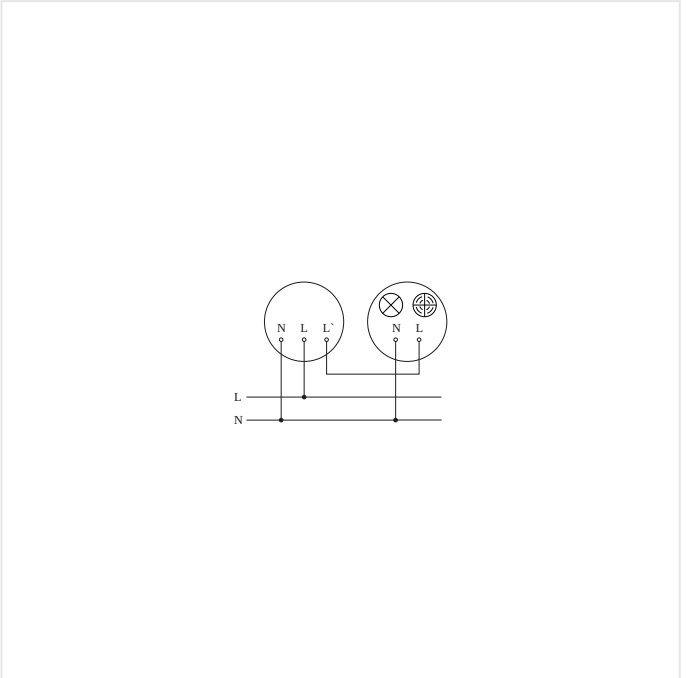
## Wiring Diagrams

**WIRING DIAGRAM 1**




Circuit diagram

**WIRING DIAGRAM 2**



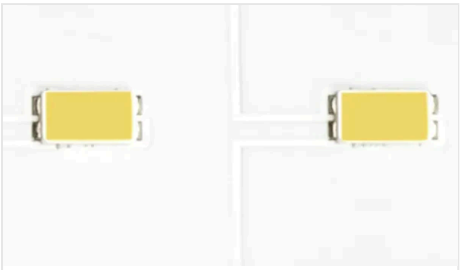

Master circuit diagram

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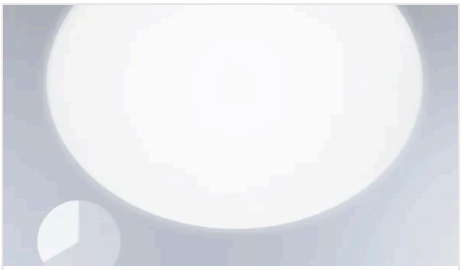
## Highlights



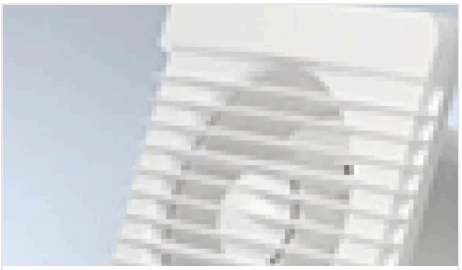
Including STEINEL LED system



UV-resistant plastic



4-hour manual override (optional)



Facility for connecting fan

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## Accessories

**ORDERING INFORMATION**

| | |
|---|---|
| Art.-Nr. | 008383 |
| EAN | 4007841008383 |
| E-Number | 941300179 |
| Typ | **RS 16 S PMMA** |

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lux

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