

PRODUCT DATASHEET

SF CIRCULAR 350 S 18 W 3000 K IP44 WT

SURFACE CIRCULAR 350 SENSOR | Wall and ceiling luminaire with IP44 and high frequency sensor



AREAS OF APPLICATION

- Corridors
- Stairways
- Bathrooms
- Foyers

PRODUCT BENEFITS

- Easy adjustment of sensor range, daylight detection and hold time
- High luminous efficacy
- Energy savings of up to 55 % compared to luminaires that use CFL
- Easy and quick installation
- Very homogenous light
- Clear cover protects the reflector against dust and contact
- 3 years guarantee

PRODUCT FEATURES

- High frequency sensor for daylight and motion detection
- Beam angle: 120°
- Type of protection: IP44
- Impact resistance: IK03
- Metal housing, PMMA cover



– Ambient temperature in operation: -20...+40 °C

TECHNICAL DATA

Electrical data

| | |
|-------------------------------|-----------------------|
| Nominal wattage | 18.00 W |
| Operating mode | Integrated LED driver |
| Nominal voltage | 220...240 V |
| Power factor λ | ≥ 0.5 |
| Mains frequency | 50/60 Hz |
| Inrush current | 15.0 A |
| Total harmonic distortion | < 120 % |
| Inrush current time T_{h50} | 200 μ s |

Luminaire control gear data

| | |
|--|--------|
| Output current | 117 mA |
| Flicker-free | Yes |
| Max. no. of lum. on circuit break. B16 A | 31 |
| Max. no. of lum. on circuit break. C10 A | 26 |
| Max. no. of lum. on circuit break. C16 A | 42 |

Photometrical data

| | |
|--------------------------------------|----------------------|
| Color temperature | 3000 K |
| Luminous flux | 1440 lm |
| Luminous efficacy | 80 lm/W |
| Standard deviation of color matching | <5 sdc _{cm} |
| Light color (designation) | Warm White |
| Color rendering index Ra | >80 |

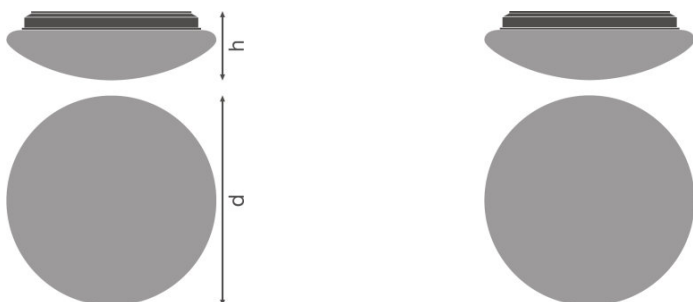
Light technical data

| | |
|------------|-------|
| Beam angle | 120 ° |
|------------|-------|

Luminaire sensor data

| | |
|--|------------------------|
| Type of sensor | Motion / Light |
| Sensor technology | Microwave |
| Sensor detection angle | 110 ° |
| Detection range of motion sensor | 8 m |
| Detection threshold of daylight sensor | 25 lx |
| Sensor controlled switching time | 5 s/1 min/3 min/10 min |
| Sensor IP rating | IP44 |

Dimensions & weight



| | |
|-----------------------|----------|
| Diameter | 350.0 mm |
| Height | 115.0 mm |
| Product weight | 655.00 g |

Colors & materials

| | |
|-----------------------|-------------------------------|
| Body material | Steel |
| Housing color | White |
| Product color | White |
| Cover material | Polymethylmethacrylate (PMMA) |

Temperatures & operating conditions

| | |
|----------------------------------|--------------|
| Ambient temperature range | -20...+40 °C |
|----------------------------------|--------------|

Lifespan

| | |
|----------------------------------|---------|
| Lifespan L70/B50 at 25 °C | 30000 h |
| Lifespan L80/B10 at 25 °C | 30000 h |
| Lifespan L90/B10 at 25 °C | 15000 h |

Additional product data

| | |
|--------------------------|----------------|
| Mounting type | Surface |
| Mounting location | Ceiling / Wall |

Capabilities

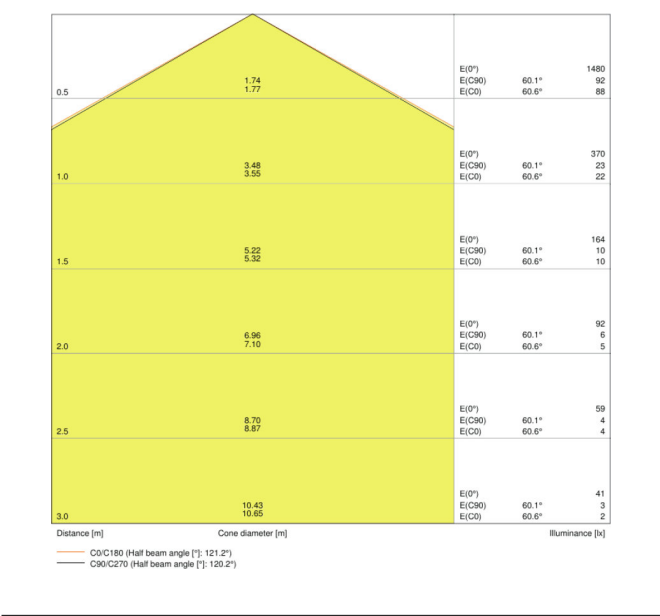
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|-------------------------------|------------------------|
| Dimmable | No |
| Type of connection | Screw terminal, 3-Pole |
| LED module replaceable | Not replaceable |

Certificates & standards

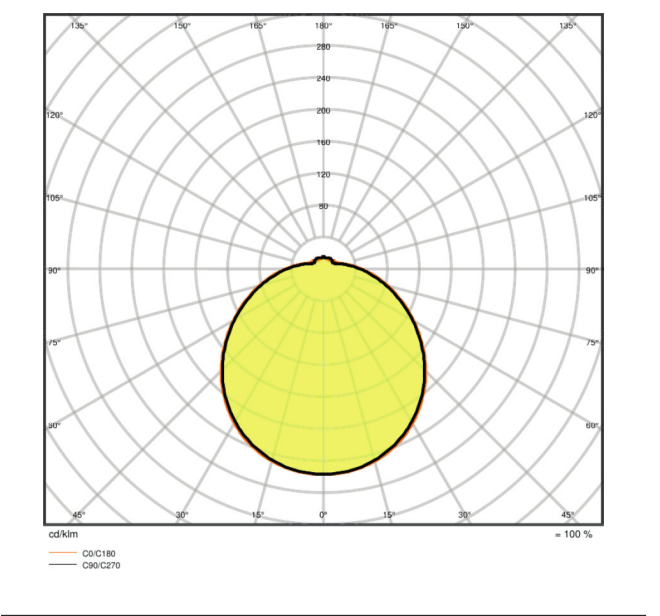
| | |
|---|------|
| Protection class IK (shock resistance) | IK03 |
|---|------|

| | |
|---|------------------------|
| Glow Wire Test according to IEC 695-2-1 | 650 °C |
| Photobiological safety group EN62778 | RG 0 |
| Protection class | I |
| Type of protection | IP44 |
| Standards | CE/CB/TÜV SÜD/EAC/RoHS |

Light Distribution



LDC typ cone



LDC typ polar

EQUIPMENT / ACCESSORIES

- Replacement cover optional available

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|------------------------|
| 4058075314931 | Folding carton box 1 | 386 mm x 386 mm x 120 mm | 1024.00 g | 17.88 dm ³ |
| 4058075314948 | Shipping carton box 5 | 625 mm x 410 mm x 410 mm | 6136.00 g | 105.06 dm ³ |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

REFERENCES / LINKS

For Guarantee see

▶ www.ledvance.com/guarantee

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.