

PRODUCT DATASHEET

SF CIRC 350 SEN V 18W 840 IP44

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
- Indoor luminaire with high luminous efficacy
- Energy savings of up to 55 % compared to luminaires that use CFL
- Easy and quick installation
- Very homogenous light
- 3 years guarantee

Product features

- High frequency sensor for daylight and motion detection
- Type of protection: IP44 (ceiling mounting), IP20 (wall mounting)
- Impact resistance: IK03
- Metal housing, PMMA cover
- Ambient temperature in operation: -20...+40 °C
- Indoor use only, not suitable for outdoor use

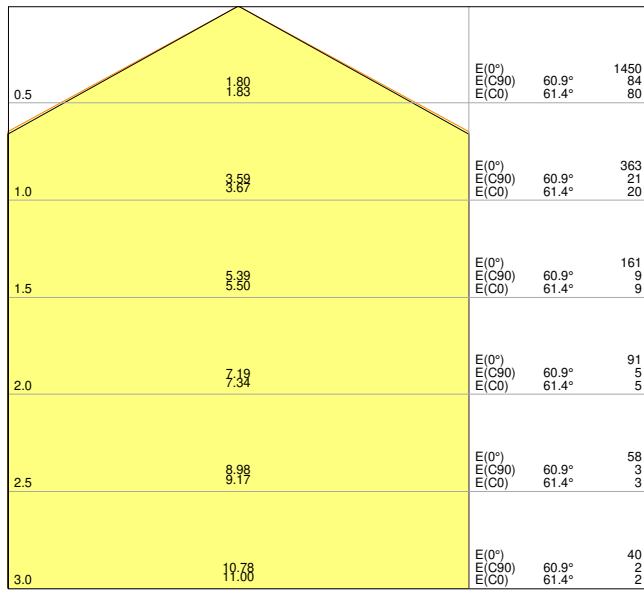
TECHNICAL DATA

Electrical data

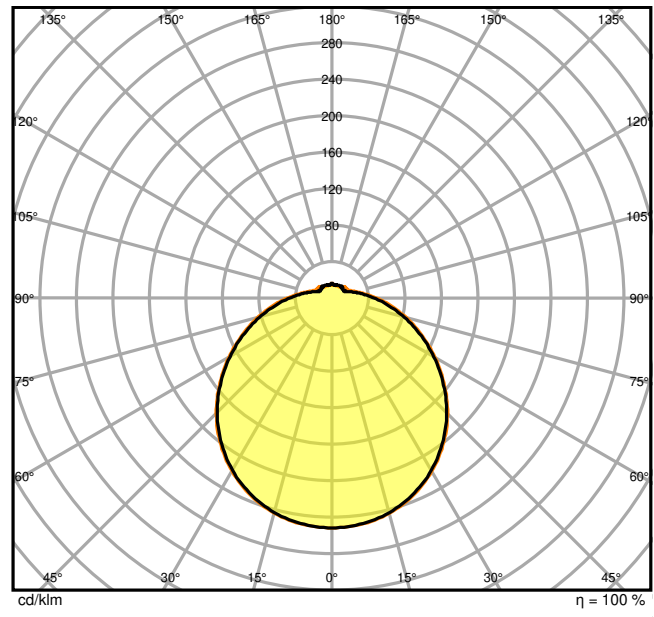
| | |
|--|-----------------------|
| Nominal wattage | 18.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 140 mA |
| Inrush current | 7 A |
| Inrush current time T_{h50} | 212 μ s |
| Max. no. of lum. on circuit break. B16 A | 78 |
| Max. no. of lum. on circuit break. C10 A | 49 |
| Max. no. of lum. on circuit break. C16 A | 94 |
| Power factor λ | > 0.55 |
| Total harmonic distortion | < 120 % |
| Protection class | I |
| Operating mode | Integrated LED driver |

Photometrical data

| | |
|--|----------------------|
| Luminous flux | 1440 lm |
| Luminous efficacy | 80 lm/W |
| Color temperature | 4000 K |
| Light color (designation) | Cool White |
| Color rendering index Ra | > 80 |
| Standard deviation of color matching | < 6 sdc _m |
| Luminous intensity | - |
| Low flicker | Yes |
| Flickering metric (Pst LM) | - |
| Stroboscope effect metric (SVM) | - |
| Photobiological safety group acc. to EN62778 | RG0 |
| Photobiological safety group acc. to EN62471 | RG0 |
| Beam angle | 120 ° |



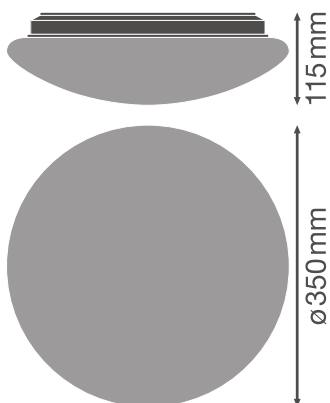
LDC typ cone



LDC typ polar

Dimensions & Weight

| | |
|----------------|-----------|
| Diameter | 350.00 mm |
| Height | 115.00 mm |
| Product weight | 600.00 g |



Materials & Colors

| | |
|---------------|-------|
| Product color | White |
| Housing color | White |

| | |
|--|-------------------------------|
| Body material | Steel |
| Cover material | Polymethylmethacrylate (PMMA) |
| Light emitting surface material | PMMA |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C |
| Mercury content | 0.0 mg |

Application & Mounting

| | |
|--|--------------------|
| Ambient temperature range | -20...+40 °C |
| Temperature range at storage | -20...+80 °C |
| Type of connection | Terminal, 3-pin |
| Type of protection | IP44 ¹⁾ |
| Protection class IK (shock resistance) | IK03 |
| Dimmable | No |
| Mounting type | Surface |
| Mounting location | Ceiling / Wall |
| Application environment | Indoor |
| LED module replaceable | Not replaceable |
| With light source | Yes |

¹⁾ Type of protection: IP44 (ceiling mounting), IP20 (wall mounting)

Lifespan

| | |
|----------------------------|---------|
| Lifespan L70/B50 at 25 °C | 30000 h |
| Lifespan L80/B10 at 25 °C | 22000 h |
| Lifespan L90/B10 at 25 °C | 15000 h |
| Number of switching cycles | 50000 |

Control gear

| | |
|----------------|--------|
| Output current | 280 mA |
|----------------|--------|

Sensor

| | |
|--|----------------|
| Type of sensor | Motion / Light |
| Sensor technology | Microwave |
| Sensor detection angle | 120 ° |
| Sensor controlled switching time | 5 s...30 min |
| Detection range of motion sensor | 4...7 m |
| Detection threshold of daylight sensor | 2...50 lx |
| Sensor IP rating | IP44 |

Certificates & Standards













| | |
|-----------|-------------------------|
| Standards | CE / CB / TÜV SÜD / EAC |
|-----------|-------------------------|

| | |
|--|----|
| Luminaire with limited surface temperature, "D sign" | No |
| Ball shot safe | No |

EQUIPMENT / ACCESSORIES

– Replacement cover optional available

DOWNLOAD DATA

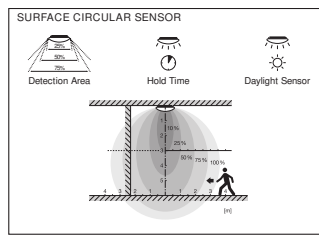
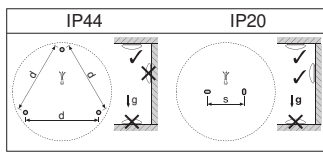
| DOWNLOAD DATA | |
|---|-----------------------------|
|  | User instruction |
|  | Addon Technical Information |
|  | Addon Technical Information |
|  | Tender documents |
|  | Declarations of conformity |
|  | Declarations of conformity |
|  | IES file (IES) |
|  | LDT file (Eulumdat) |
|  | R3D file (Relux 3D Model) |
|  | M3D file (3D Model) |
|  | ULD file (DIALux) |
|  | UGR file (UGR table) |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|------------------------|
| 4058075618015 | Shipping box 5 | 625 mm x 410 mm x 410 mm | 4912.00 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.

ADDITIONAL CATALOG INFORMATION



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.