# PRODUCT DATASHEET
# SF CIRC 250 V 13W 840 IP44

## SURFACE CIRCULAR 250 | Wall and ceiling luminaire with IP44



### Areas of application

- Corridors
- Stairways
- Bathrooms
- Foyers

### Product benefits

- 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

- Beam angle: 120°
- Type of protection: IP44 (ceiling mounting), IP20 (wall mounting)
- Impact resistance: IK03
- Metal housing, PMMA cover
- Ambient temperature in operation: -20...+40 °C


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## TECHNICAL DATA

### Electrical data

| | |
|---|---|
| Nominal wattage | 13.00 W |
| Nominal voltage | 220…240 V |
| Mains frequency | 50…60 Hz |
| Nominal current | 100 mA |
| Inrush current | 6.7 A |
| Inrush current time $T_{h50}$ | 228 µs |
| Max. no. of lum. on circuit break. B16 A | 50 |
| Max. no. of lum. on circuit break. C10 A | 40 |
| Max. no. of lum. on circuit break. C16 A | 64 |
| Power factor λ | > 0.55 |
| Total harmonic distortion | < 120 % |
| Protection class | I |
| Operating mode | Integrated LED driver |

### Photometrical data

| | |
|---|---|
| Luminous flux | 960 lm |
| Luminous efficacy | 75 lm/W |
| Color temperature | 4000 K |
| Light color (designation) | Cool White |
| Color rendering index Ra | > 80 |
| Standard deviation of color matching | < 6 sdcm |
| 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 ° |


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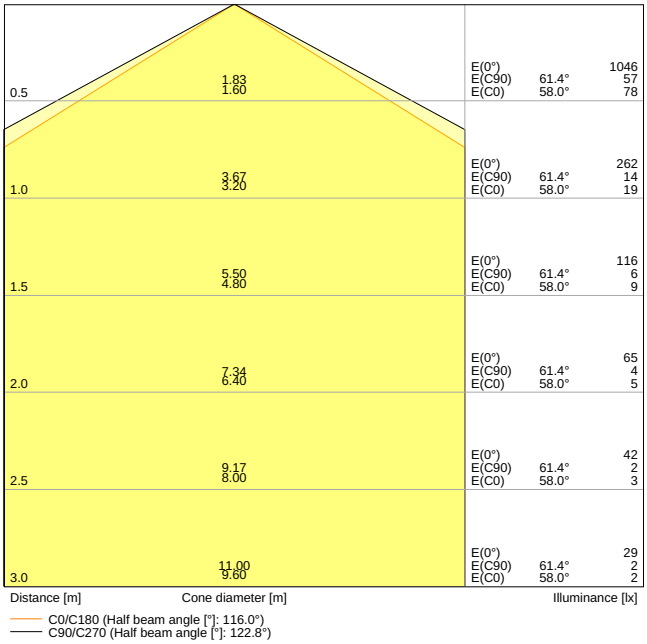
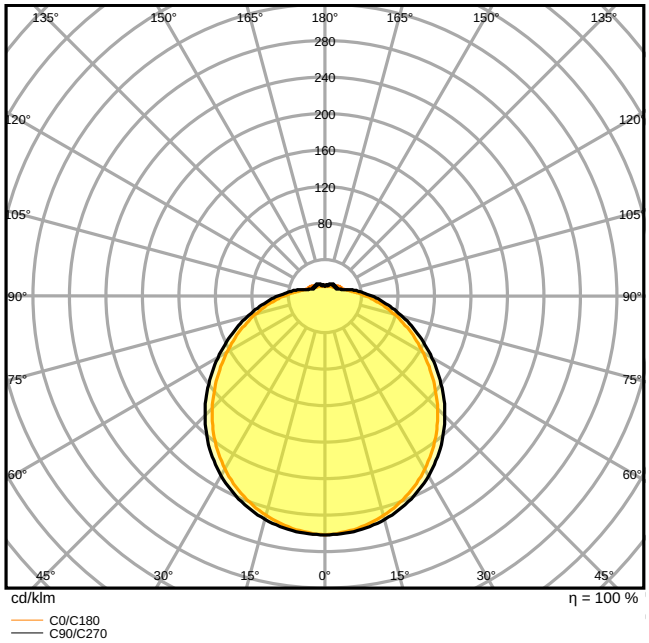


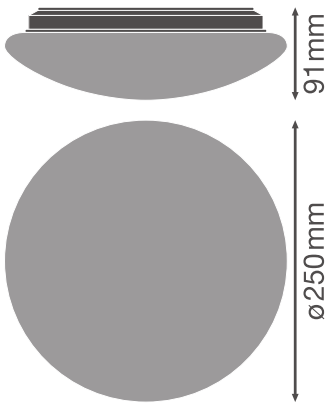

LDC typ cone




LDC typ polar

## Dimensions & Weight

| | |
|---|---|
| Diameter | 250.00 mm |
| Height | 91.00 mm |
| Product weight | 340.00 g |




## Materials & Colors

| | |
|---|---|
| Product color | White |
| Housing color | White |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| | |
|---|---|
| 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 |
| LED module replaceable | Not replaceable |

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 |

## Certificates & Standards

| | |
|---|---|
| Standards | CE / CB / TÜV SÜD / EAC |
| Luminaire with limited surface temperature, "D sign" | No |
| Ball shot safe | No |

## Additional product data

| | |
|---|---|
| Product remark | Available from September 2021 |

## EQUIPMENT / ACCESSORIES

- Replacement cover optional available

## DOWNLOAD DATA


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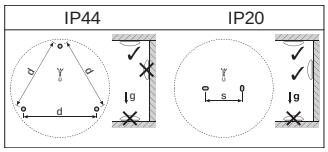
| | DOWNLOAD DATA |
|---|---|
| PDF | User instruction<br>SURFACE CIRCULAR SENSOR |
| | Tender documents<br>Tender Text 4058075110144 |
| | Tender documents<br>SURFACE CIRCULAR 250 13W 840 IP44-EN |
| PDF | Declarations of conformity |
| PDF | Declarations of conformity<br>SF CIRC |
| | IES file (IES)<br>SF CIRC 250 V 13W 840 IP44 |
| | LDT file (Eulumdat)<br>SF CIRC 250 V 13W 840 IP44 |
| | R3D file (Relux 3D Model)<br>Surface circular 250 |
| | M3D file (3D Model)<br>Surface_Circular_250 |
| | UGR file (UGR table)<br>SF CIRC 250 V 13W 840 IP44 |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4058075617889 | Folding box<br>1 | 280 mm x 282 mm x 98 mm | 308.00 g | 7.74 $dm^3$ |
| 4058075617896 | Shipping box<br>5 | 525 mm x 305 mm x 315 mm | 2162.00 g | 50.44 $dm^3$ |

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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