

# PRODUCT DATASHEET

## SF CIRC 350 V 18W 840 IP44

SURFACE CIRCULAR 350 | Wall and ceiling luminaire with IP44



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### Areas of application

- Corridors
- Stairways
- Bathrooms
- Foyers

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### Product benefits

- 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

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### Product features

- 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

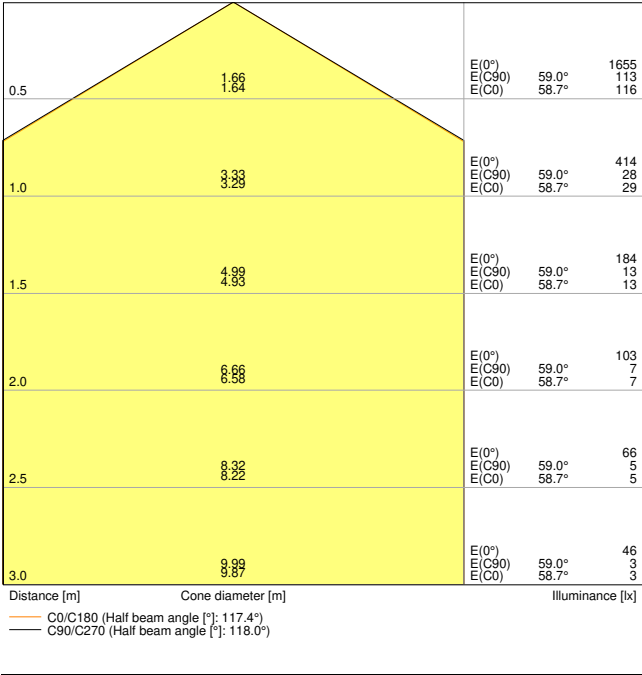
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**TECHNICAL DATA****Electrical data**

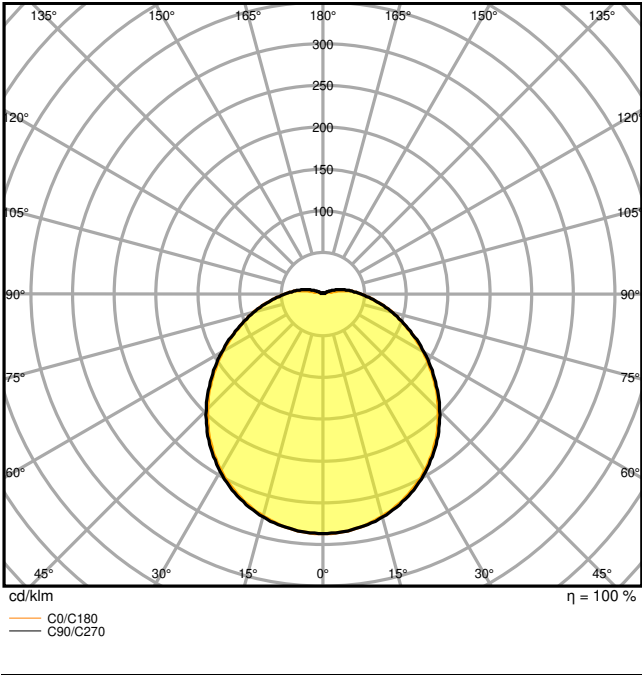
|                                          |                       |
|------------------------------------------|-----------------------|
| Nominal wattage                          | 18.00 W               |
| Nominal voltage                          | 220...240 V           |
| Mains frequency                          | 50...60 Hz            |
| Nominal current                          | 140 mA                |
| Inrush current                           | 7 A                   |
| Inrush current time $T_{h50}$            | 212 $\mu$ s           |
| Max. no. of lum. on circuit break. B16 A | 35                    |
| Max. no. of lum. on circuit break. C10 A | 35                    |
| Max. no. of lum. on circuit break. C16 A | 56                    |
| Power factor $\lambda$                   | > 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 sdcn   |
| 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 °      |



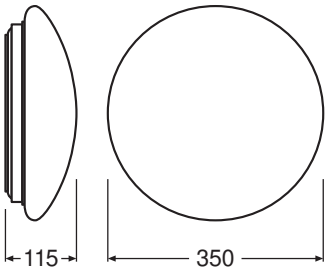
LDC typ cone



LDC typ polar

Dimensions & Weight

|                |           |
|----------------|-----------|
| Diameter       | 350.00 mm |
| Height         | 115.00 mm |
| Product weight | 410.00 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 <sup>1)</sup> |
| 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                |

<sup>1)</sup> 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 |
|----------------|--------|

### Certificates & Standards

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

### Additional product data

|                       |   |
|-----------------------|---|
| Number of illuminants | - |
|-----------------------|---|

### EQUIPMENT / ACCESSORIES

– Replacement cover optional available

### DOWNLOAD DATA

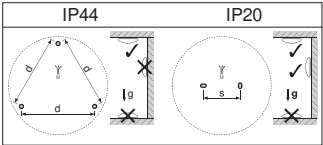
| DOWNLOAD DATA                                                                      |                               |
|------------------------------------------------------------------------------------|-------------------------------|
|    | User instruction              |
|    | Addon Technical Information   |
|    | Addon Technical Information   |
|    | Tender documents              |
|    | Declarations Of Conformity CE |
|    | IES file (IES)                |
|    | LDT file (Eulumdat)           |
|    | R3D file (Relux 3D Model)     |
|    | ROLF file (RELUX)             |
|  | M3D file (3D Model)           |
|  | ULD file (DIALux)             |
|  | UGR file (UGR table)          |
|  | Packaging insert              |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume     |
|---------------|------------------------------|--------------------------------------|--------------|------------|
| 4058075617964 | Folding box<br>1             | 386 mm x 386 mm x 120 mm             | 779.00 g     | 17.88 dm³  |
| 4058075617971 | Shipping box<br>5            | 625 mm x 410 mm x 410 mm             | 4912.00 g    | 105.06 dm³ |

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



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### References / Links

– For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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### DISCLAIMER

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