

# PRODUCT DATASHEET

## SF CIRCULAR 250 13 W 3000 K IP44 WT

SURFACE CIRCULAR 250 | Wall and ceiling luminaire with IP44



### Areas of application

- Corridors
- Stairways
- Bathrooms
- Foyers

### 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

### 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





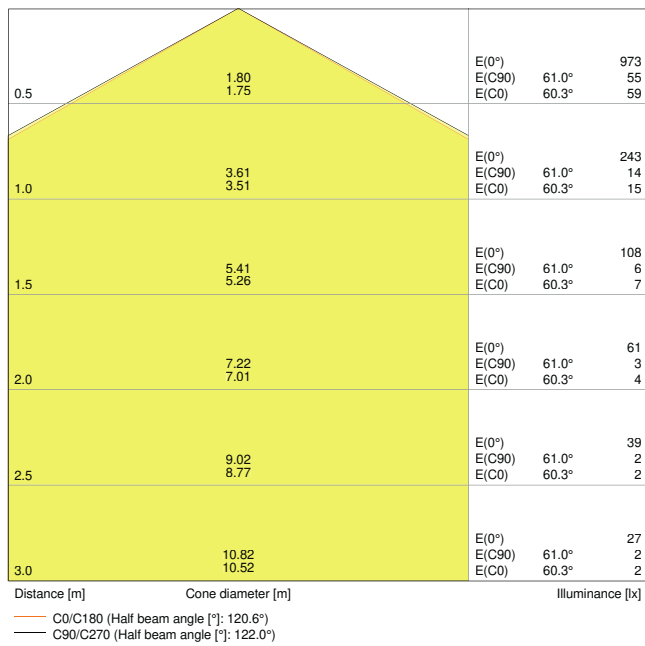
## TECHNICAL DATA

### Electrical data

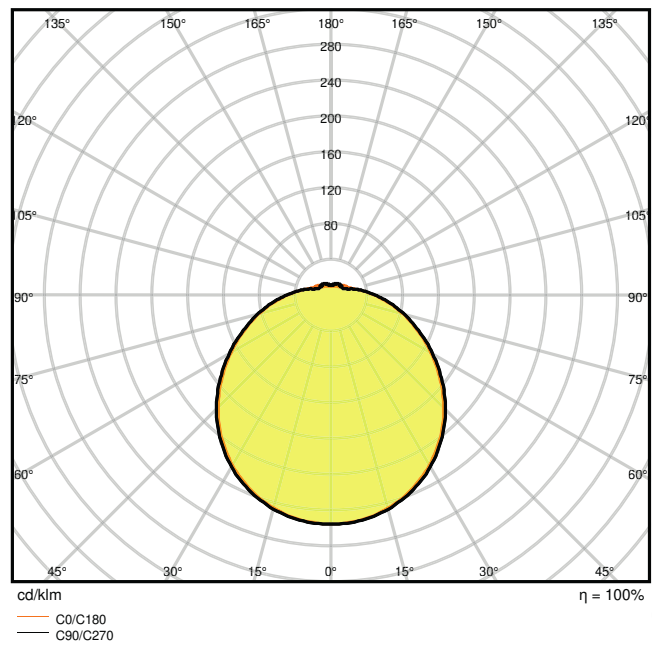
Nominal wattage	13.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	140 mA
Inrush current	10 A
Inrush current time $T_{h50}$	150 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	41
Max. number of luminaires per miniature circuit breaker C10	33
Max. number of luminaires per miniature circuit breaker C16	53
Power factor $\lambda$	$\geq 0.5$
Total harmonic distortion	< 120 %
Protection class	I
Operating mode	Integrated LED driver

### Photometrical data

Luminous flux	920 lm
Luminous efficacy	70 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	< 5 sdc <sub>m</sub>
Low flicker	Yes
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °



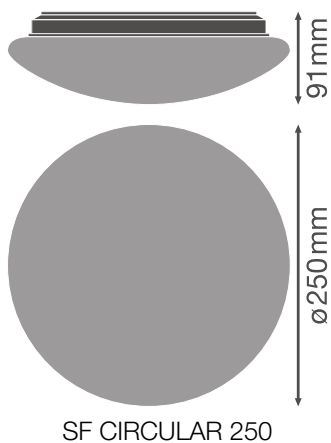
SF CIRCULAR 250 13W3000K IP44 LEDV



SF CIRCULAR 250 13W3000K IP44 LEDV

Dimensions & Weight

Diameter	250.00 mm
Height	91.00 mm
Product weight	292.00 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

### Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-25...+70 °C
Type of connection	Screw terminal, 3-Pole
Type of protection	IP44
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling / Wall
Application environment	Indoor

### Lifespan

Lifespan L70/B50 at 25 °C	30000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	22000 h <sup>1)</sup>
Lifespan L80/B50 at 25 °C	22000 h
Lifespan L90/B10 at 25 °C	15000 h
Number of switching cycles	50000

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

### Control gear

Output current	78 mA
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### Certificates & Standards

Standards	CE / CB / TÜV SÜD / EAC
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

### EQUIPMENT / ACCESSORIES

– Replacement cover optional available

## DOWNLOAD DATA

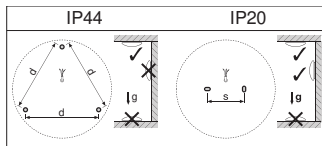
Documents and certificates		Document name
	User instruction / safety instructions	SURFACE CIRCULAR
	On-Pack-Info	Legal Insert Surface
	Declarations of conformity	Declaration of Conformity SF Circular 250 350 S IP44 LEDV
	Declarations of conformity	Attestation-of-Conformity SF Circular TÜV
Photometric and lighting design files		Document name
	IES file (IES)	SF CIRCULAR 250 13W3000K IP44 LEDV
	LDT file (Eulumdat)	SF CIRCULAR 250 13W3000K IP44 LEDV
	ULD file (DIALux)	SURFACECIRCULAR25013W3000KIP44WT
	UGR file (UGR table)	SF CIRCULAR 250 13W3000K IP44 LEDV
	Light distribution curve type cone	SF CIRCULAR 250 13W3000K IP44 LEDV
	Light distribution curve type polar	SF CIRCULAR 250 13W3000K IP44 LEDV

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075110120	Folding box 1	280 mm x 282 mm x 98 mm	370.00 g	7.74 dm <sup>3</sup>
4058075110137	Shipping box 5	525 mm x 305 mm x 315 mm	2448.00 g	50.44 dm <sup>3</sup>

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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