

# PRODUCT DATASHEET

## SF CIRCULAR 250 S 13 W 3000 K IP44 WT

**SURFACE CIRCULAR 250 SENSOR | Wall and ceiling luminaire with IP44 and high frequency sensor**



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### AREAS OF APPLICATION

- Corridors
- Stairways
- Bathrooms
- Foyers

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### 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

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### 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

<b>Nominal wattage</b>	13.00 W
<b>Operating mode</b>	Integrated LED driver
<b>Nominal voltage</b>	220...240 V
<b>Power factor <math>\lambda</math></b>	$\geq 0.5$
<b>Mains frequency</b>	50/60 Hz

### Photometrical data

<b>Color temperature</b>	3000 K
<b>Luminous flux</b>	920 lm
<b>Luminous efficacy</b>	70 lm/W
<b>Standard deviation of color matching</b>	<5 sdc <sub>m</sub>
<b>Light color (designation)</b>	Warm White
<b>Color rendering index Ra</b>	>80
<b>Luminous efficacy of lamp in luminaire</b>	70 lm/W

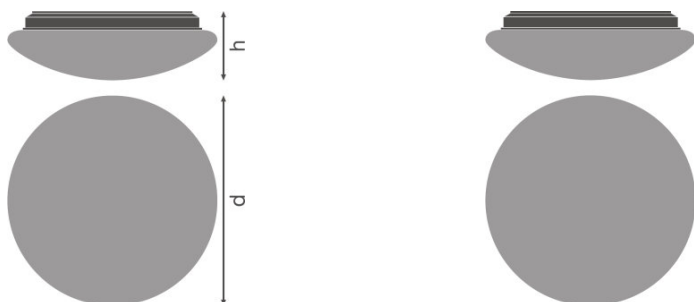
### Light technical data

<b>Beam angle</b>	120 °
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### Luminaire sensor data

<b>Type of sensor</b>	Motion / Light
<b>Sensor technology</b>	Microwellen
<b>Sensor detection angle</b>	110 °
<b>Detection range of motion sensor</b>	8 m
<b>Detection threshold of daylight sensor</b>	25 lx
<b>Sensor controlled switching time</b>	5 s/1 min/3 min/10 min

### Dimensions & weight



<b>Diameter</b>	250.0 mm
<b>Height</b>	91.0 mm
<b>Product weight</b>	316.00 g

### Colors & materials

<b>Body material</b>	Aluminum
<b>Housing color</b>	White
<b>Product color</b>	White
<b>Cover material</b>	Polymethylmethacrylate (PMMA)

### Temperatures & operating conditions

<b>Ambient temperature range</b>	-20...40 °C
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### Lifespan

<b>Lifespan L70 at 25 °C</b>	30000 h
<b>Lifespan L80 at 25 °C</b>	30000 h
<b>Lifespan L90 at 25 °C</b>	15000 h

### Additional product data

<b>Mounting type</b>	Surface
<b>Mounting location</b>	Ceiling / Wall
<b>Product remark</b>	Available from July 2018

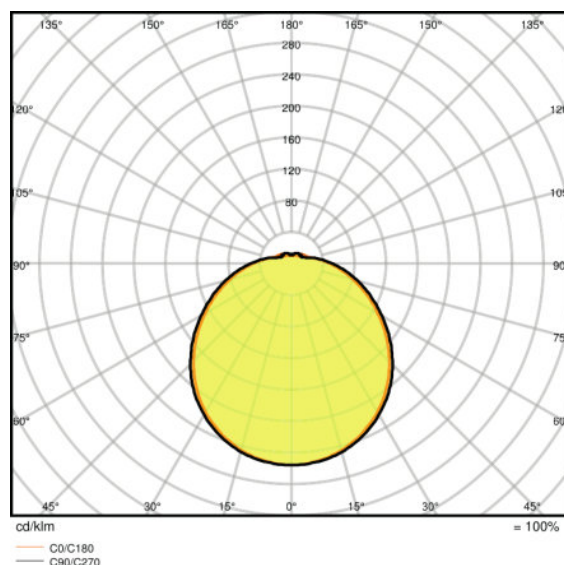
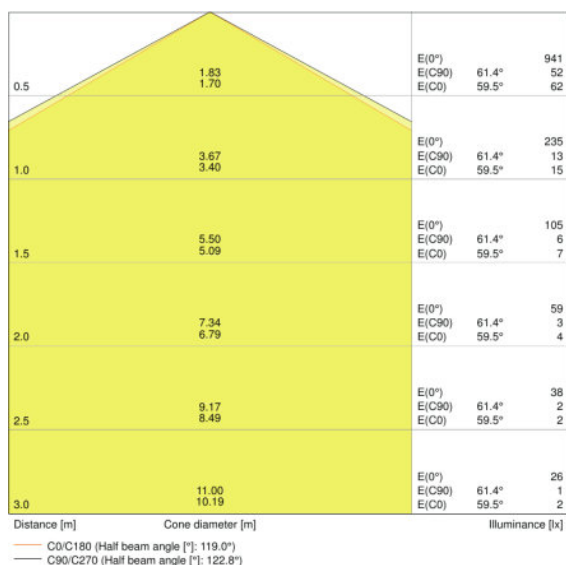
### Capabilities

<b>Dimmable</b>	No
<b>Type of connection</b>	Terminal, 3-pin
<b>LED module replaceable</b>	Not replaceable

### Certificates & standards

Protection class IK (shock resistance)	IK03
Photobiological safety group	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	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075110168	SF CIRCULAR 250 S 13 W 3000 K IP44 WT	Shipping carton box 5	522 mm x 302 mm x 314 mm	49.50 dm <sup>3</sup>	2595.00 g

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](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.