PRODUCT DATASHEET
SF CIRCULAR 250 S 13 W 3000 K IP44 WT

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



AREAS OF APPLICATION

- Corridors
- Stairways
- Bathrooms
- Foyers

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

PRODUCT FEATURES

- High frequency sensor for daylight and motion detection
- Beam angle: 120°
- Type of protection: IP44
- Impact resistance: IK03
- Metal housing, PMMA cover



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– Ambient temperature in operation: -20…+40 °C

TECHNICAL DATA

Electrical data

Nominal wattage	13.00 W
Operating mode	Integrated LED driver
Nominal voltage	220…240 V
Power factor λ	≥0.5
Mains frequency	50/60 Hz

Photometrical data

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

Light technical data

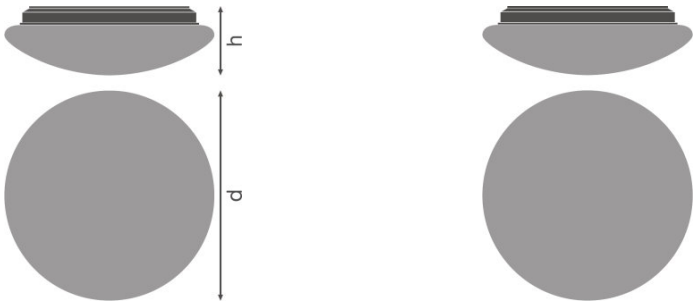
Beam angle	120 °

Luminaire sensor data

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

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Dimensions & weight



Diameter	250.0 mm
Height	91.0 mm
Product weight	316.00 g

Colors & materials

Body material	Aluminum
Housing color	White
Product color	White
Cover material	Polymethylmethacrylate (PMMA)

Temperatures & operating conditions

Ambient temperature range	-20...40 °C

Lifespan

Lifespan L70 at 25 °C	30000 h
Lifespan L80 at 25 °C	30000 h
Lifespan L90 at 25 °C	15000 h

Additional product data

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

Capabilities

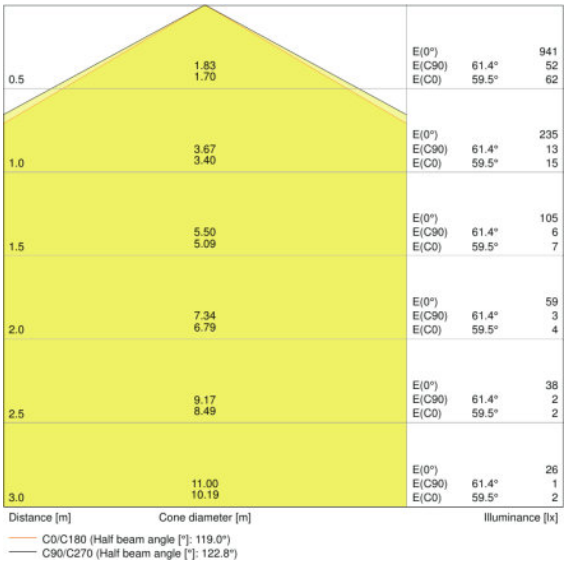
Dimmable	No
Type of connection	Terminal, 3-pin
LED module replaceable	Not replaceable

Certificates & standards

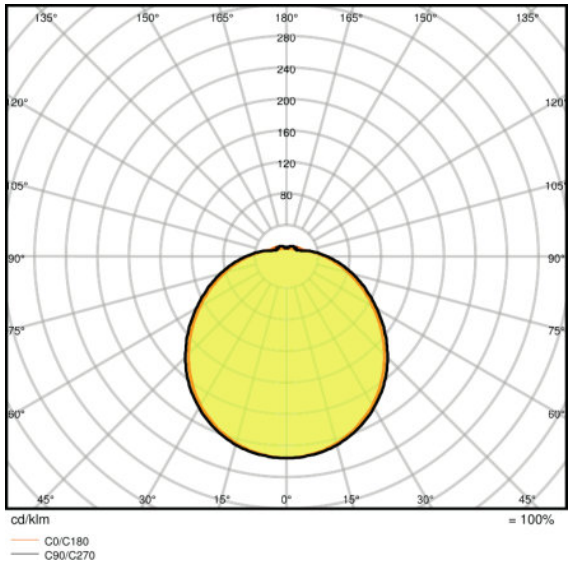
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Protection class IK (shock resistance)	IK03
Photobiological safety group	RG 0
Protection class	I
Type of protection	IP44
Standards	CE/CB/TÜV SÜD/EAC/RoHS

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^3	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

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- www.ledvance.com/guarantee

DISCLAIMER

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

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