

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



Areas of application

- Corridors
- Stairways
- Bathrooms
- Foyers

Product benefits

- Easy adjustment of sensor range, daylight detection and hold time
- 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

- High frequency sensor for daylight and motion detection
- 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**

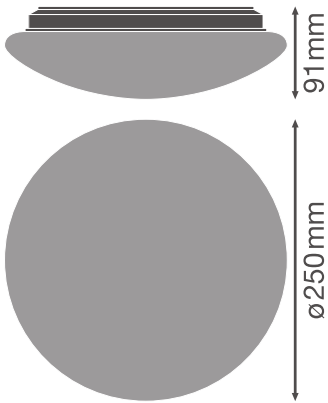
Nominal wattage	13.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	140 mA
Inrush current	10 A
Inrush current time T_{h50}	150 μ s
Max. no. of lum. on circuit break. B16 A	41
Max. no. of lum. on circuit break. C10 A	33
Max. no. of lum. on circuit break. C16 A	53
Power factor λ	≥ 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 sdcn
Low flicker	Yes
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °

Dimensions & Weight

Diameter	250.00 mm
Height	91.00 mm
Product weight	316.00 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	-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
LED module replaceable	Not replaceable

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	78 mA
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Sensor

Type of sensor	Motion / Light
Sensor technology	Microwave
Sensor detection angle	110 °
Sensor controlled switching time	5 s/1 min/3 min/10 min
Detection range of motion sensor	8 m
Detection threshold of daylight sensor	25 lx
Sensor IP rating	IP44







Certificates & Standards

Standards	CE / CB / TÜV SÜD / EAC / RoHS
Ball shot safe	No

EQUIPMENT / ACCESSORIES

- Replacement cover optional available

DOWNLOAD DATA

DOWNLOAD DATA	
	User instruction
	Declarations Of Conformity CE
	Declarations Of Conformity CE
	On-Pack-Info
	IES file (IES)
	LDT file (Eulumdat)

DOWNLOAD DATA



R3D file (Relux 3D Model)



M3D file (3D Model)



ULD file (DIALux)



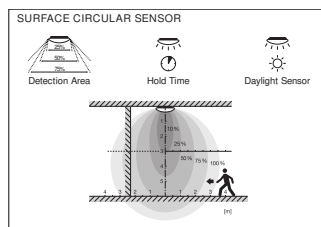
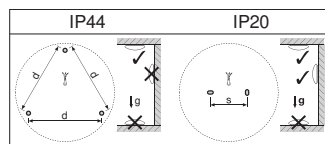
UGR file (UGR table)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075110168	Folding box 1	280 mm x 282 mm x 98 mm	394.00 g	7.74 dm ³
4058075110175	Shipping box 5	510 mm x 292 mm x 305 mm	2568.00 g	45.42 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

DISCLAIMER

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