

# PRODUCT DATASHEET

## SF BLKH 250 S 10W/4000K WT IP65

**SURFACE BULKHEAD 250 SENSOR | Robust wall and ceiling luminaire with IP65 protection and high-frequency sensor**



---

### AREAS OF APPLICATION

- Direct replacement for luminaires with compact fluorescent lamps
- Corridors, stairways, entrance areas
- Passages, underpasses
- Public areas

---

### PRODUCT BENEFITS

- Multiple adjustments of sensor range, daylight detection and hold time
- Suitable for use in dusty and damp locations thanks to high IP rating
- Suitable for use in public areas thanks to high IK rating
- Multiple mounting patterns for convenient installation
- Energy savings of up to 50 % (compared to luminaires that use fluorescent lamps)
- 5 years guarantee

---

### PRODUCT FEATURES

- High frequency sensor for daylight and motion detection
- UV-stabilized polycarbonate (PC) housing, PC-diffuser
- Impact resistance: IK10
- Push wire terminal for tool-free connection
- Through-wiring possible
- Type of protection: IP65



- Luminous flux: up to 800 lm
- High luminous efficacy: up to 80 lm/W
- Lifetime (L70/B50): up to 50,000 h (at 25 °C)
- Ambient temperature in operation: -20...+40 °C

## TECHNICAL DATA

### Electrical data

Nominal wattage	9.26 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Power factor $\lambda$	$\geq 0.5$
Mains frequency	50/60 Hz
Max. no. of lum. on circuit break. B16 A	94
Max. no. of lum. on circuit break. C10 A	75
Max. no. of lum. on circuit break. C16 A	120
Inrush current	4.52 A
Total harmonic distortion	< 10 %
Inrush current time $T_{h50}$	50 $\mu$ s

### Luminaire control gear data

Low flicker	Yes
-------------	-----

### Photometrical data

Color temperature	4000 K
Luminous flux	800 lm
Luminous efficacy	80 lm/W
Standard deviation of color matching	<5 sdc <sub>m</sub>
Light color (designation)	Cool White
Color rendering index Ra	>80

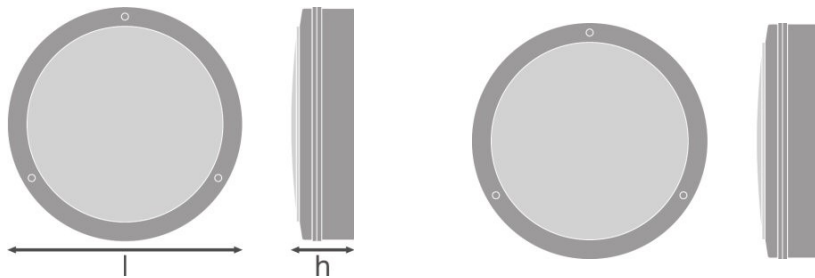
### Light technical data

Beam angle	120 °
------------	-------

### Luminaire sensor data

Type of sensor	Motion / Light
Sensor technology	Microwave
Sensor detection angle	110 °
Detection range of motion sensor	8 m
Detection threshold of daylight sensor	25 lx
Sensor controlled switching time	5 s/30 s/90 s/3 min/20 min/30 min

Dimensions & weight



<b>Diameter</b>	250.0 mm
<b>Height</b>	70.0 mm
<b>Product weight</b>	570.00 g

Colors & materials

<b>Body material</b>	Polycarbonate (PC)
<b>Product color</b>	White
<b>Housing color</b>	White
<b>Cover material</b>	Polycarbonate (PC)

Temperatures & operating conditions

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

Lifespan

<b>Number of switching cycles</b>	100000
<b>Lifespan L70/B50 at 25 °C</b>	50000 h
<b>Lifespan L80/B10 at 25 °C</b>	35000 h
<b>Lifespan L90/B10 at 25 °C</b>	20000 h

Additional product data

<b>Mounting type</b>	Surface
<b>Mounting location</b>	Ceiling / Wall
<b>Low flicker</b>	Yes
<b>Product remark</b>	Available from March 2020

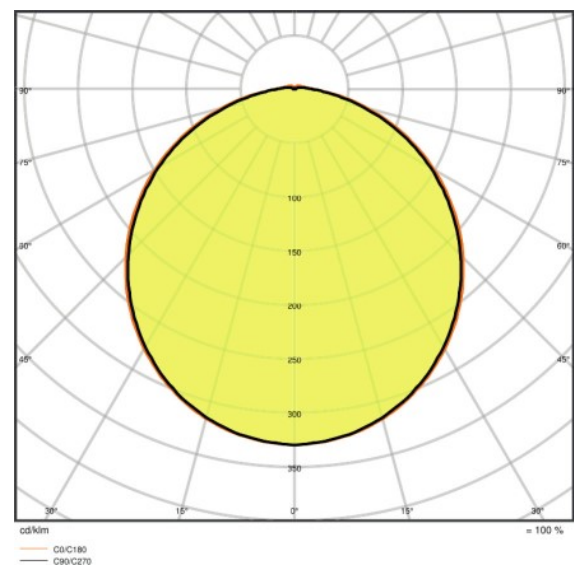
Capabilities

<b>Dimmable</b>	No
<b>Type of connection</b>	Screwless terminal
<b>LED module replaceable</b>	Not replaceable

Certificates & standards

Protection class IK (shock resistance)	IK10
Glow Wire Test according to IEC 60695-2-12	850 °C
Photobiological safety group EN62778	RG 0
Protection class	II
Type of protection	IP65
Standards	CE/CB/ROHS

Light Distribution



LDC typ cone

LDC typ polar

EQUIPMENT / ACCESSORIES

- Additional cover rings in different designs available
- Mounting screws and dowels included

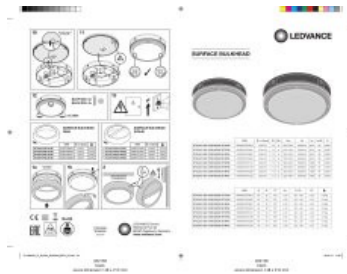
LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075374942	Folding carton box 1	74 mm x 272 mm x 262 mm	652.00 g	5.27 dm <sup>3</sup>
4058075374959	Shipping carton box 8	550 mm x 285 mm x 315 mm	5798.00 g	49.38 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**




---

**REFERENCES / LINKS**

For Guarantee see

▶ [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

---

**DISCLAIMER**

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