

# PRODUCT DATASHEET

## SF BLKH 250 P 10W 830 BK IP65

SURFACE BULKHEAD 250 ON/OFF | Robust wall and ceiling luminaire with IP65 protection



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### Areas of application

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

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### Product benefits

- 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
- Separate covers available for an aesthetic and functional product design
- 5 years guarantee
- Energy savings of up to 50 % (compared to luminaires that use fluorescent lamps)

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### Product features

- 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

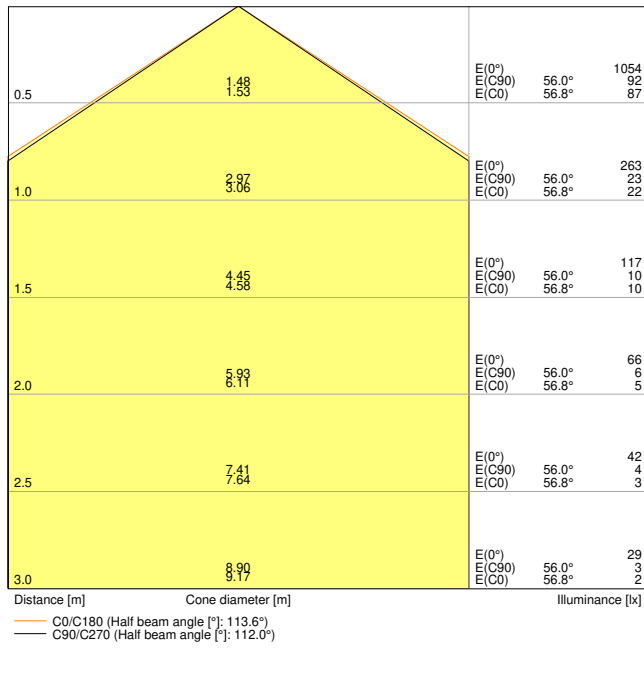
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**TECHNICAL DATA****Electrical data**

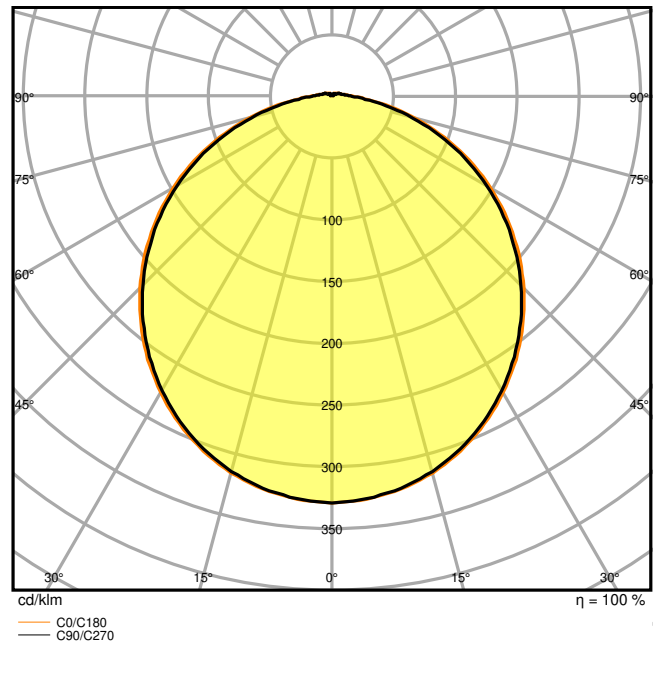
Nominal wattage	10.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	350.000 mA
Inrush current	4.52 A
Inrush current time $T_{h50}$	685 $\mu$ s
Max. no. of lum. on circuit break. B16 A	29
Max. no. of lum. on circuit break. C10 A	30
Max. no. of lum. on circuit break. C16 A	49
Power factor $\lambda$	$\geq 0.7$
Total harmonic distortion	< 8 %
Protection class	II
Operating mode	Integrated LED driver

**Photometrical data**

Luminous flux	800 lm
Luminous efficacy	80 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>
Luminous intensity	-
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	120 °



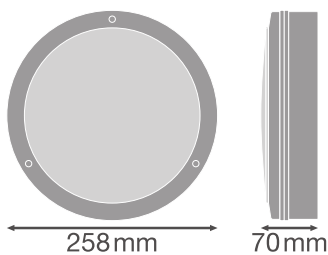
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Dimensions & Weight

Diameter	250.00 mm
Height	70.00 mm
Product weight	580.00 g



Materials & Colors

Product color	Black
Housing color	Black
Body material	Polycarbonate (PC)
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate (PC)

Glow Wire Test according to IEC 60695-2-12	850 °C
Mercury content	0.0 mg

### Application & Mounting

Ambient temperature range	-20...40 °C
Type of connection	Screwless terminal
Type of protection	IP65
Protection class IK (shock resistance)	IK10
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling / Wall
Application environment	Indoor
LED module replaceable	Not replaceable
With light source	Yes

### Lifespan

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

### Control gear

Output current	350 mA
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### Emergency lighting

Type of emergency operation test	None
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### Certificates & Standards

Standards	CE / CB
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

### EQUIPMENT / ACCESSORIES

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

### DOWNLOAD DATA

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## DOWNLOAD DATA



User instruction



Addon Technical Information



Tender documents



Declarations of conformity



IES file (IES)



LDT file (Eulumdat)



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
4058075647183	Folding box 1	74 mm x 272 mm x 262 mm	662.00 g	5.27 dm <sup>3</sup>
4058075647190	Shipping box 8	550 mm x 285 mm x 315 mm	5878.00 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.

## References / Links

– For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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