

PRODUCT DATASHEET

SF BLKH 250 10W/4000K BK IP65

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



AREAS OF APPLICATION

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

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)

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

TECHNICAL DATA

Electrical data

Nominal wattage	8.20 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Power factor λ	≥ 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 μ s

Luminaire control gear data

Low flicker	Yes
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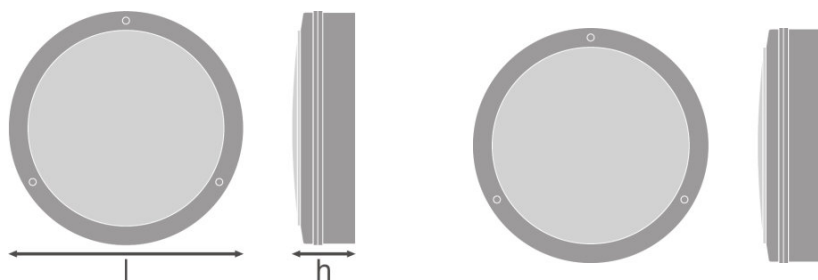
Photometrical data

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

Light technical data

Beam angle	120 °
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Dimensions & weight



Diameter	250.0 mm
Height	70.0 mm
Product weight	520.00 g

Colors & materials

Body material	Polycarbonate (PC)
Product color	Black
Housing color	Black
Cover material	Polycarbonate (PC)

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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Lifespan

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

Additional product data

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

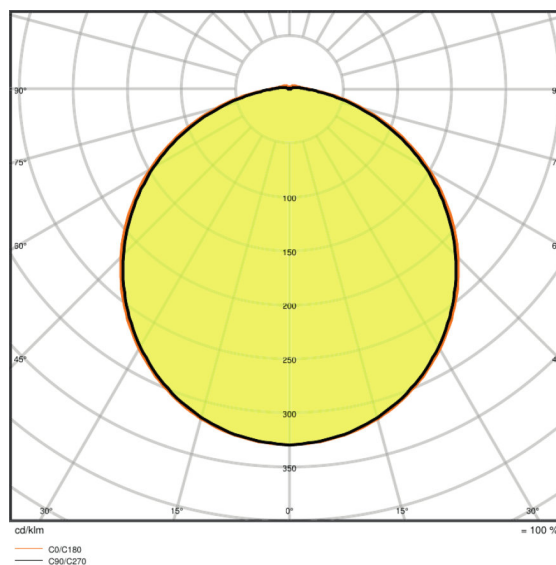
Capabilities

Dimmable	No
Type of connection	Screwless terminal
LED module replaceable	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	RG0
Protection class	II
Type of protection	IP65
Standards	CE/CB/ROHS

Light Distribution



LDC typ cone

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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
4058075374904	Folding carton box 1	74 mm x 272 mm x 262 mm	602.00 g	5.27 dm ³
4058075374911	Shipping carton box 8	550 mm x 285 mm x 315 mm	5398.00 g	49.38 dm ³

