

# PRODUCT DATASHEET

## SF BLKH 300 EM 15 W 4000 K BK IP65

SURFACE BULKHEAD 300 EMERGENCY | Robust wall and ceiling luminaire with IP65 protection and integrated emergency lighting function



### Areas of application

- Emergency illumination of escape routes
- Antipanic lighting
- Buildings requiring up to 3 h emergency light operation
- Direct replacement for luminaires with fluorescent lamps
- Corridors, stairways, entrance areas
- Passages, underpasses
- Public areas

### Product benefits

- Seamless integration of luminaires with emergency lighting function into general lighting
- Easy wiring thanks to included prewired driver and battery for Emergency lighting function
- Simple testing of luminaires with emergency lighting function thanks to integrated automatic test function
- Separate covers available for an aesthetic and functional product design
- 3 years guarantee
- High luminous efficacy in normal operation
- Convenient visualization of results of automatic test with an included control LED
- Operation of integrated emergency lighting function with long life LiFePO4 battery with 3h battery discharge 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)

### Product features



- Certified according to European norms (EN 60598-1:2015; EN 60598-2-22:2014)
- Luminaire suited for normal lighting and emergency lighting
- Self-contained luminaires
- Emergency lighting function: battery discharge time of 3 h
- Function test of emergency lighting: automatic (AT)
- Battery technology: LiFePO4
- Ambient temperature in operation: 5°...+40 C
- UV-stabilized polycarbonate (PC) housing, PC-diffuser
- Impact resistance: IK10
- Push wire terminal for tool-free connection
- Through-wiring possible
- Type of protection: IP65

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

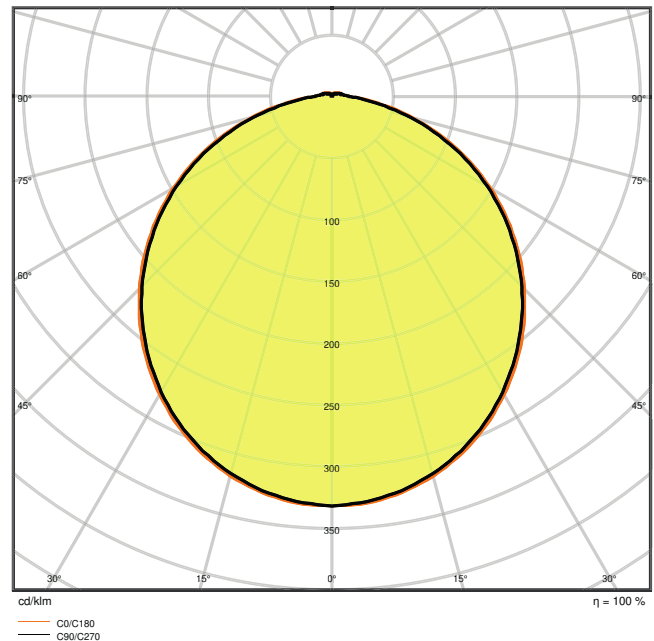
Nominal wattage	15.20 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	350 mA
Inrush current	4.52 A
Inrush current time $T_{h50}$	50 $\mu$ s
Max. no. of lum. on circuit break. B16 A	94
Max. no. of lum. on circuit break. C10 A	75
Max. no. of lum. on circuit break. C16 A	120
Power factor $\lambda$	$\geq 0.5$
Total harmonic distortion	< 10 %
Protection class	II
Operating mode	Integrated LED driver

**Photometrical data**

Luminous flux	1400 lm
Luminous efficacy	93 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	< 5 sdc <sub>m</sub>
Low flicker	Yes
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °



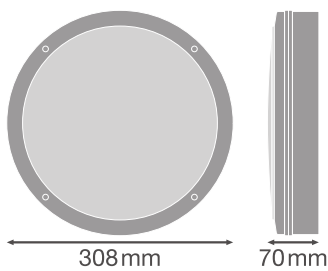
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### Dimensions & Weight

Diameter	308 mm
Height	70.00 mm
Product weight	940.00 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	+5...+40 °C
Temperature range at storage	5...+35 °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

### 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

### Emergency lighting

Area of emergency application	Anti-panic lighting / Escape route lighting
Type of emergency light operation	Maintained / Non-maintained
Type of emergency operation test	Automatic
Wattage in maintained operation mode	15.2 W
Wattage in emergency operation mode	3.0 W
Luminous flux in maintained operation mode	1400 lm
Luminous flux in emergency operation mode	300 lm
Nominal voltage of battery	3.2 V
Battery life in emergency operation mode	3 h
Battery charging time	< 24 h
Integrated test switch	No









### Certificates & Standards

Standards	CE / CB
Ball shot safe	No

### EQUIPMENT / ACCESSORIES

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

### DOWNLOAD DATA

DOWNLOAD DATA	
	User instruction
	Tender documents
	Declarations Of Conformity CE
	IES file (IES)
	LDT file (Eulumdat)
	R3D file (Relux 3D Model)
	M3D file (3D Model)
	UGR file (UGR table)

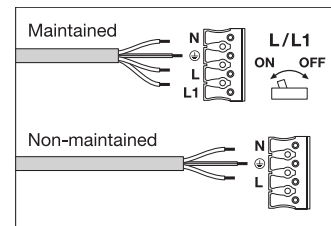
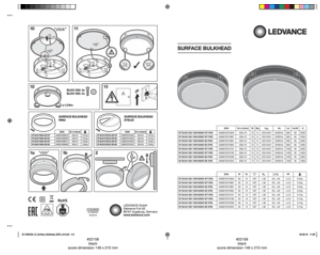
### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075375383	Folding box 1	74 mm x 322 mm x 312 mm	1045.00 g	7.43 dm <sup>3</sup>
4058075375390	Shipping box 8	650 mm x 335 mm x 315 mm	9081.00 g	68.59 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

	Luminaire Status	Control LED
	Normal	Green
	Emergency	OFF
	Testing	Green:   15, 1s, 1s...
	Battery connection fault	Red:   15, 1s, 1s...
	Battery capacity fault	Red
	Luminaire fault	Red:   15, 1s, 1s...



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.