

PRODUCT DATASHEET

SF BLKH 300 S 15W/3000K BK IP65

SURFACE BULKHEAD 300 SENSOR | Robust wall and ceiling luminaire with IP65 protection and high-frequency sensor



Areas of application

- Direct replacement for luminaires with 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
- Separate covers available for an aesthetic and functional product design
- 5 years guarantee
- Multiple mounting patterns for convenient installation
- Energy savings of up to 50 % (compared to luminaires that use fluorescent lamps)

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



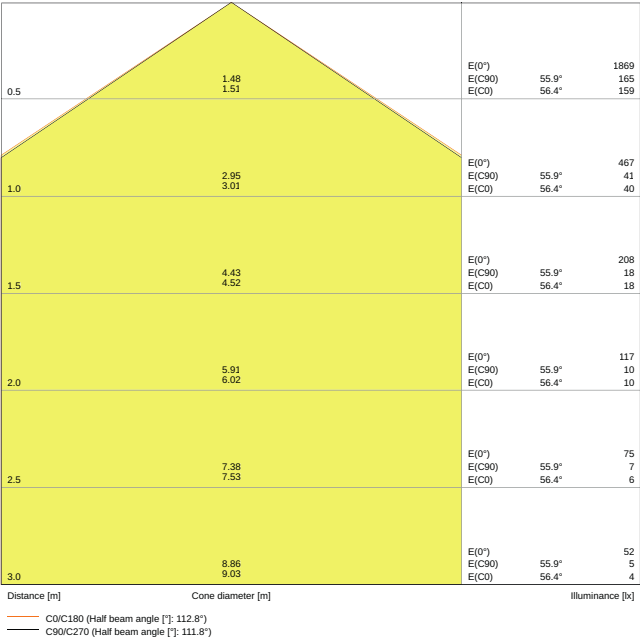
- Type of protection: IP65
- Luminous flux: up to 1,400 lm
- High luminous efficacy: up to 95 lm/W
- Lifetime (L70/B50): up to 50,000 h (at 25 °C)
- Ambient temperature in operation: -20...+40 °C

TECHNICAL DATA**Electrical data**

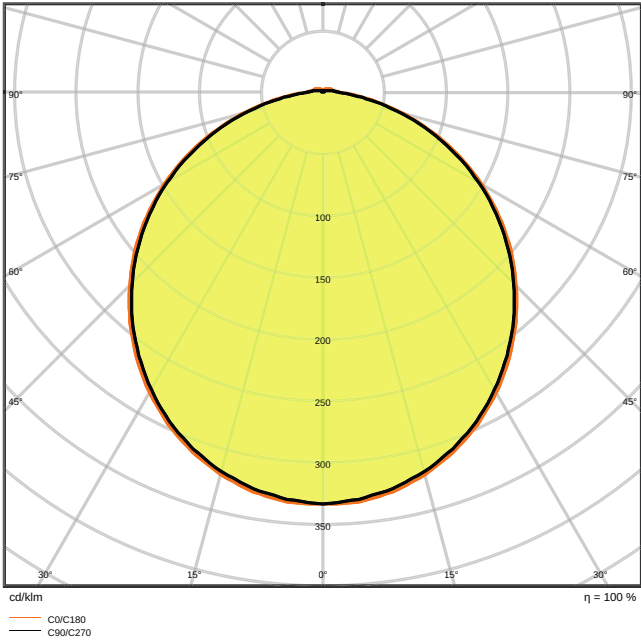
Nominal wattage	13.60 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	350 mA
Inrush current	4.52 A
Inrush current time T_{h50}	50 μ s
Max. no. of lum. on circuit break. B16 A	94
Max. no. of lum. on circuit break. C10 A	75
Max. no. of lum. on circuit break. C16 A	120
Power factor λ	≥ 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	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	< 5 sdcn
Luminous intensity	-
Low flicker	Yes
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °



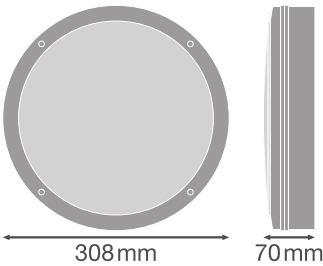
LDC typ cone



LDC typ polar

Dimensions & Weight

Diameter	300.00 mm
Height	70.00 mm
Product weight	740.00 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

Sensor

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

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

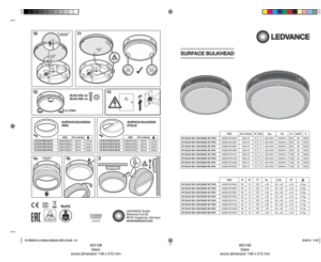
DOWNLOAD DATA	
	User instruction SURFACE BULKHEAD SENSOR
	Tender documents Tender Text 4058075375284
	Tender documents SURFACE BULKHEAD 300 SENSOR 15W3000K BK IP65-EN
	Declarations of conformity SF BLKH SENSOR
	IES file (IES) SF BLKH 300 15W3000K S BK IP65 LEDV IES
	LDT file (Eulumdat) SF BLKH 300 15W3000K S BK IP65 LEDV LDT
	R3D file (Relux 3D Model) Surface Bulkhead
	M3D file (3D Model) Surface Bulkhead
	UGR file (UGR table) SF BLKH 300 15W3000K S BK IP65 LEDV LDT

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075375284	Folding box 1	74 mm x 322 mm x 312 mm	845.00 g	7.43 dm ³
4058075375291	Shipping box 8	650 mm x 335 mm x 315 mm	7481.00 g	68.59 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.