PRODUCT DATASHEET
SF BLKH S 300 P 15W 830 WT 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

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TECHNICAL DATA

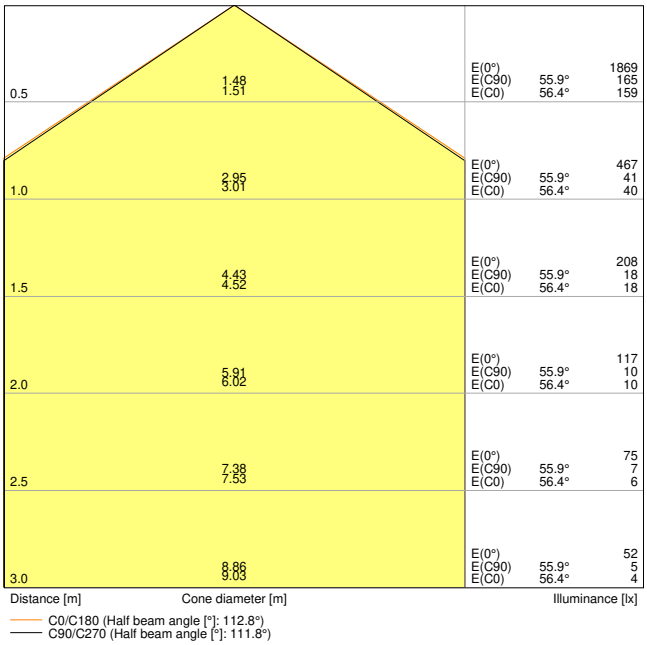
Electrical data

Nominal wattage	15.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	350.000 mA
Inrush current	3.53 A
Inrush current time T_{h50}	456 µs
Max. number of luminaires per miniature circuit breaker B16	49
Max. number of luminaires per miniature circuit breaker C10	50
Max. number of luminaires per miniature circuit breaker C16	81
Power factor λ	≥0.7
Total harmonic distortion	< 8 %
Protection class	II
Operating mode	Integrated LED driver

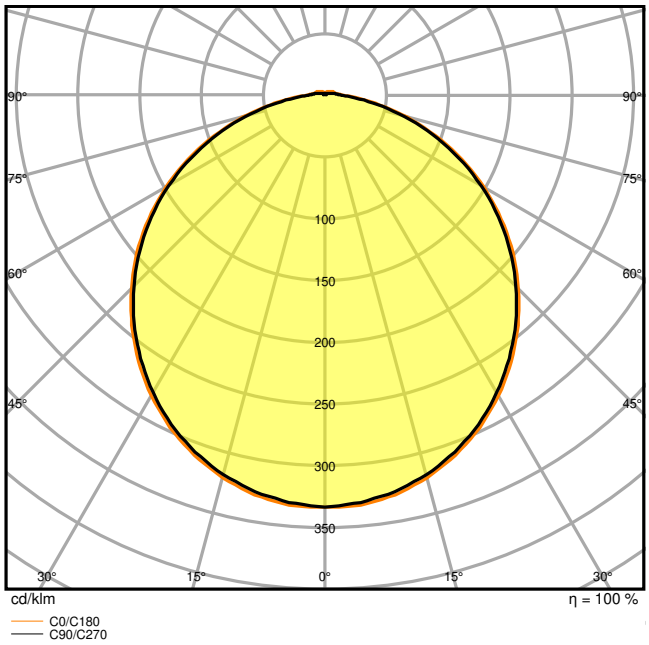
Photometrical data

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 sdcm
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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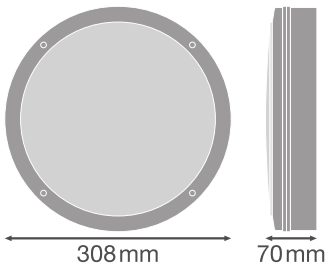
LDC typ cone



LDC typ polar

Dimensions & Weight

Diameter	300.00 mm
Height	70.00 mm
Product weight	820.00 g



Materials & Colors

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

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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	Outdoor
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	50000 h [1)]
Lifespan L80/B10 at 25 °C	35000 h [1)]
Lifespan L90/B10 at 25 °C	20000 h
Number of switching cycles	100000

1) t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Control gear

Output current	350 mA

Sensor

Type of sensor	Motion / Light
Sensor technology	Microwave
Sensor detection angle	150 °
Sensor controlled switching time	5 s…30 min
Detection range of motion sensor	3…8 m
Detection threshold of daylight sensor	2…50 lx
Sensor IP rating	IP20

Emergency lighting

Type of emergency operation test	None

Certificates & Standards

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

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Ball shot safe	No

EQUIPMENT / ACCESSORIES

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

DOWNLOAD DATA

	Documents and certificates
PDF	User instruction
PDF	Addon Technical Information
PDF	Packaging insert
PDF	Declarations Of Conformity CE
PDF	Declarations Of Conformity UKCA

	Photometric and lighting design files
IES	IES file (IES)
LDT	LDT file (Eulumdat)
ULD	ULD file (DIALux)
ROLF	ROLF file (RELUX)
	UGR file (UGR table)
	LDC typ cone
	LDC typ polar

	CAD/BIM files
RFA	BIM_Revit_3D
STEP	CAD_STEP_3D

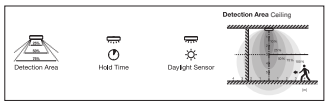
LOGISTICAL DATA

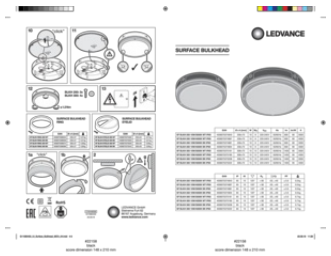
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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075647541	Folding box 1	322 mm x 312 mm x 74 mm	925.00 g	7.43 dm^3
4058075647558	Shipping box 8	650 mm x 335 mm x 315 mm	8121.00 g	68.59 dm^3

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.

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