

PRODUCT DATASHEET

SF BLKH 300 S 15W/4000K 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
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	1400 lm
Luminous efficacy	93 lm/W
Standard deviation of color matching	<5 sdc _m
Light color (designation)	Cool White
Color rendering index Ra	>80

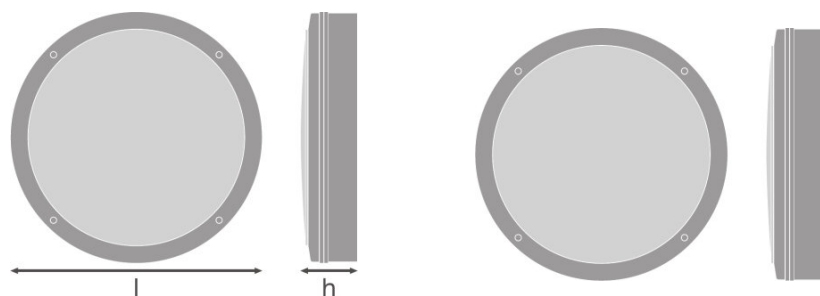
Light technical data

Beam angle	120 °
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Luminaire sensor data

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

Dimensions & weight



Diameter	300.0 mm
Height	70.0 mm
Product weight	740.00 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

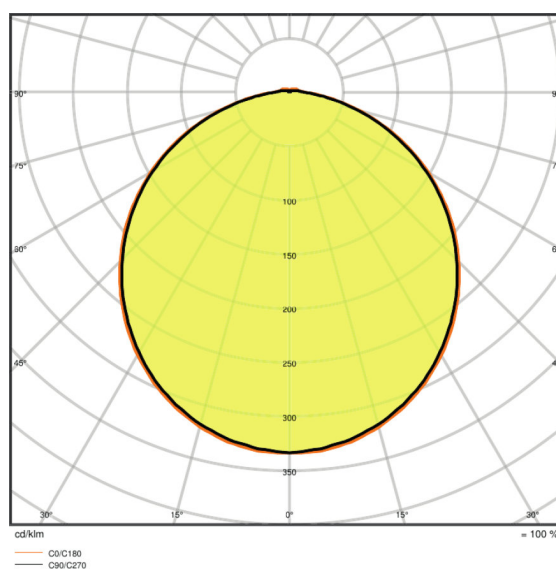
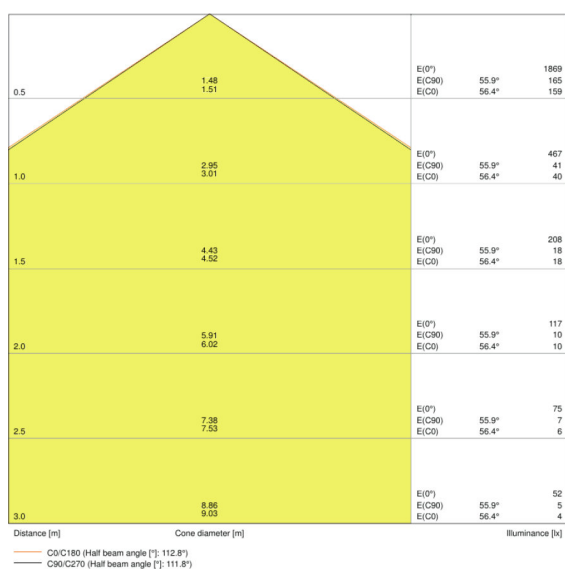
Dimmable	No
Type of connection	Screwless terminal
Integrated test switch	-

LED module replaceable	Not replaceable
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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

LDC typ polar

EQUIPMENT / ACCESSORIES

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

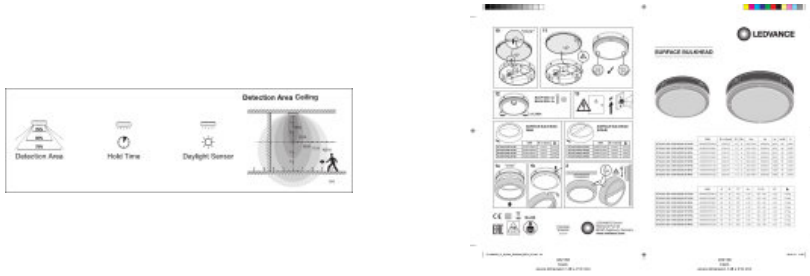
LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075375307	Folding carton box 1	74 mm x 322 mm x 312 mm	845.00 g	7.43 dm ³

4058075375314	Shipping carton box 8	650 mm x 335 mm x 315 mm	7481.00 g	68.59 dm ³
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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.