

PRODUCT FAMILY DATASHEETSURFACE BULKHEAD 250 SENSOR EMERGENCY

Robust wall and ceiling luminaire with IP65 protection, high-frequency sensor 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

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

PRODUCT FEATURES



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SURFACE BULKHEAD 250 SENSOR EMERGENCY

- High frequency sensor for daylight and motion detection
- 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

TECHNICAL DATA

| | Electrical d | ata | | | Luminaire control gear data | Photometrical data | | | |
|--|--------------------|--------------------|--------------------|-------------------------------------|--------------------------------|--------------------|------------------------------|-------------------------------------|---|
| Product description | Nominal wattage | Nominal voltage | Mains frequency | Wattage in emergency operation mode | Low flicker | Luminous flux | Light color (designation) | Color render- ing index Ra | Luminous flux in emergency operation mode |
| SF BLKH 250 S EM 10W/3000K WT IP65 ¹⁾ | 11.50 W | 220240 V | 50/60 Hz | 3.0 W | Yes | 800 lm | Warm White | >80 | 300 lm |
| SF BLKH 250 S EM 10W/4000K WT IP65 ¹⁾ | 11.50 W | 220240 V | 50/60 Hz | 3.0 W | Yes | 800 lm | Cool White | >80 | 300 lm |
| SF BLKH 250 S EM 10W/3000K BK IP65 ¹⁾ | 11.50 W | 220240 V | 50/60 Hz | 3.0 W | Yes | 800 lm | Warm White | >80 | 300 lm |
| SF BLKH 250 S EM 10W/4000K BK IP65 ¹⁾ | 11.50 W | 220240 V | 50/60 Hz | 3.0 W | Yes | 800 lm | Cool White | >80 | 300 lm |

| | | Light technical data | Luminaire sensor data | Dimensions of | & weight | | Colors & materials | | |
|--|--|----------------------------|-----------------------|---------------|----------|-------------------|--------------------|------------------|------------------|
| Product description | Luminous flux in maintained operation mode | Beam angle | Type of sensor | Diameter | Height | Product weight | Body material | Housing color | Product color |
| SF BLKH 250 S EM 10W/3000K WT IP65 ¹⁾ | 800 lm | 120° | Motion / Light | 258.0 mm | 70.0 mm | 810.00 g | Polycarbonate (PC) | White | White |

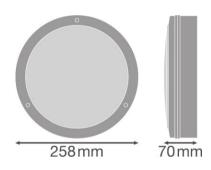
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| SF BLKH 250 S EM 10W/3000K BK IP65 ¹⁾ | 800 lm | 120° | Motion / Light | 258.0 mm | 70.0 mm | 810.00 g | Polycarbonate (PC) | Black | Black |
| SF BLKH 250 S EM 10W/4000K BK IP65 ¹⁾ | 800 lm | 120 ° | Motion / Light | 258.0 mm | 70.0 mm | 810.00 g | Polycarbonate (PC) | Black | Black |

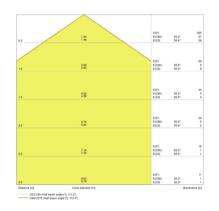
| | | Temperatures & operating conditions | Lifespan | | | | Additional product data |
|--|--------------------|-------------------------------------|----------------------------|------------------------------|------------------------------|------------------------------|-------------------------|
| Product description | Cover material | Ambient temperature range | Number of switching cycles | Lifespan L70/B50 at 25 °C | Lifespan L80/B10 at 25 °C | Lifespan L90/B10 at 25 °C | Type of Battery |
| SF BLKH 250 S EM 10W/3000K WT IP65 ¹⁾ | Polycarbonate (PC) | +5+40 °C | 100000 | 50000 h | 35000 h | 20000 h | LiFePO4 |
| SF BLKH 250 S EM 10W/4000K WT IP65 ¹⁾ | Polycarbonate (PC) | +5+40 °C | 100000 | 50000 h | 35000 h | 20000 h | LiFePO4 |
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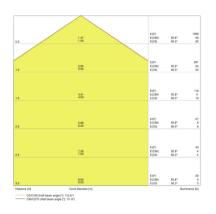
| | Capabilities | | | | | |
|---|--------------|--------------------|--|--|-----------------------------------|----------------------------------|
| Product description | Dimmable | Type of connection | Battery life in emergency operation mode | Area of emergency application | Type of emergency light operation | Type of emergency operation test |
| SF BLKH 250 S EM 10W/3000K WT IP65 ¹⁾ | No | Screwless terminal | 3 h | Anti-panic lighting / Escape route lighting | Maintained / Non- maintained | Automatic |
| SF BLKH 250 S EM 10W/4000K WT IP65 ¹⁾ | No | Screwless terminal | 3 h | Anti-panic lighting / Escape route lighting | Maintained / Non- maintained | Automatic |
| SF BLKH 250 S EM 10W/3000K BK IP65 ¹⁾ | No | Screwless terminal | 3 h | Anti-panic lighting / Escape route lighting | Maintained / Non- maintained | Automatic |
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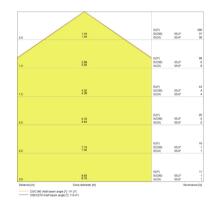
| | | Certificates | & standards | Logistical data |
|--|-----------------------|------------------|--------------------|------------------------------|
| Product description | Battery charging time | Protection class | Type of protection | Temperature range at storage |
| SF BLKH 250 S EM 10W/3000K WT IP65 ¹⁾ | <24 h | II | IP65 | 5+35 °C |
| SF BLKH 250 S EM 10W/4000K WT IP65 ¹⁾ | <24 h | II | IP65 | 5+35 °C |
| SF BLKH 250 S EM 10W/3000K BK IP65 ¹⁾ | <24 h | II | IP65 | 5+35 °C |
| SF BLKH 250 S EM 10W/4000K BK IP65 ¹⁾ | <24 h | II | IP65 | 5+35 °C |

¹⁾ Available from March 2020

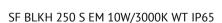






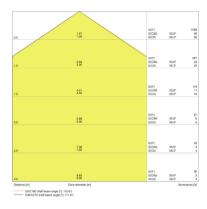


SF BLKH 250 S EM 10W/3000K WT IP65, SF BLKH 250 S EM 10W/4000K WT IP65, SF BLKH 250 S EM 10W/3000K BK IP65, SF BLKH 250 S EM 10W/4000K BK IP65



SF BLKH 250 S EM 10W/4000K WT IP65

SF BLKH 250 S EM 10W/3000K BK IP65



SF BLKH 250 S EM 10W/4000K BK IP65

EQUIPMENT / ACCESSORIES

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

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075375093 | Shipping carton box 8 | 550 mm x 285 mm x 315 mm | 7718.00 g | 49.38 dm ³ |
| 4058075375116 | Shipping carton box 8 | 550 mm x 285 mm x 315 mm | 7718.00 g | 49.38 dm³ |

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075375130 | Shipping carton box 8 | 550 mm x 285 mm x 315 mm | 7718.00 g | 49.38 dm³ |
| 4058075375154 | Shipping carton box 8 | 550 mm x 285 mm x 315 mm | 7718.00 g | 49.38 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.

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.