LEDVANCE

PRODUCT FAMILY DATASHEET
SURFACE BULKHEAD 300 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 guarantee
– 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

- 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

Product description	Electrical data				Luminaire control gear data	Photometrical data			
	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 300 S EM 15W/3000K WT IP65 [1]	16.50 W	220...240 V	50/60 Hz	3.0 W	Yes	1400 lm	Warm White	>80	300 lm
SF BLKH 300 S EM 15W/4000K WT IP65 [1]	16.50 W	220...240 V	50/60 Hz	3.0 W	Yes	1400 lm	Cool White	>80	300 lm
SF BLKH 300 S EM 15W/3000K BK IP65 [1]	16.50 W	220...240 V	50/60 Hz	3.0 W	Yes	1400 lm	Warm White	>80	300 lm
SF BLKH 300 S EM 15W/4000K BK IP65 [1]	16.50 W	220...240 V	50/60 Hz	3.0 W	Yes	1400 lm	Cool White	>80	300 lm

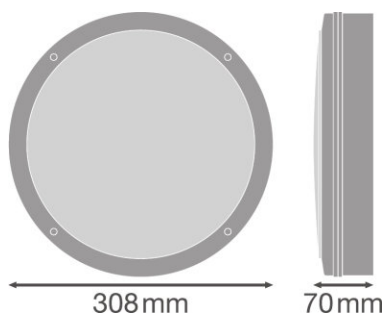| Product description	Light technical data	Luminaire sensor data	Dimensions & weight			Colors & materials		
	Luminous flux in maintained operation mode	Beam angle	Type of sensor	Diameter	Height	Product weight	Body material	Product color	Housing color
SF BLKH 300 S EM 15W/3000K WT IP65 [1]	1400 lm	120 °	Motion / Light	308.0 mm	70.0 mm	990.00 g	Polycarbonate (PC)	White	White

Завантажено з e27.com.ua

| Product description | Luminous flux in maintained operation mode | Light technical data | Luminaire sensor data | Dimensions & weight | | | Colors & materials | | |
		Beam angle	Type of sensor	Diameter	Height	Product weight	Body material	Product color	Housing color
SF BLKH 300 S EM 15W/4000K WT IP65 [1]	1400 lm	120 °	Motion / Light	308.0 mm	70.0 mm	990.00 g	Polycarbonate (PC)	White	White
SF BLKH 300 S EM 15W/3000K BK IP65 [1]	1400 lm	120 °	Motion / Light	308.0 mm	70.0 mm	990.00 g	Polycarbonate (PC)	Black	Black
SF BLKH 300 S EM 15W/4000K BK IP65 [1]	1400 lm	120 °	Motion / Light	308.0 mm	70.0 mm	990.00 g	Polycarbonate (PC)	Black	Black

—

| Product description | Cover material | Temperatures & operating conditions | Lifespan | | | | Additional product data |
		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 300 S EM 15W/3000K WT IP65 [1]	Polycarbonate (PC)	+5...+40 °C	100000	50000 h	35000 h	20000 h	LiFePO4
SF BLKH 300 S EM 15W/4000K WT IP65 [1]	Polycarbonate (PC)	+5...+40 °C	100000	50000 h	35000 h	20000 h	LiFePO4
SF BLKH 300 S EM 15W/3000K BK IP65 [1]	Polycarbonate (PC)	+5...+40 °C	100000	50000 h	35000 h	20000 h	LiFePO4
SF BLKH 300 S EM 15W/4000K BK IP65 [1]	Polycarbonate (PC)	+5...+40 °C	100000	50000 h	35000 h	20000 h	LiFePO4

| Product description | Capabilities | | | | | |
	Dimmable	Type of connection	Battery charging time	Type of emergency light operation	Battery life in emergency operation mode	Type of emergency operation test
SF BLKH 300 S EM 15W/3000K WT IP65 [1]	No	Screwless terminal	<24 h	Maintained / Non-maintained	3 h	Automatic
SF BLKH 300 S EM 15W/4000K WT IP65 [1]	No	Screwless terminal	<24 h	Maintained / Non-maintained	3 h	Automatic
SF BLKH 300 S EM 15W/3000K BK IP65 [1]	No	Screwless terminal	<24 h	Maintained / Non-maintained	3 h	Automatic
SF BLKH 300 S EM 15W/4000K BK IP65 [1]	No	Screwless terminal	<24 h	Maintained / Non-maintained	3 h	Automatic

Завантажено з e27.com.ua

Product description	Area of emergency application	Certificates & standards		Logistical data
		Protection class	Type of protection	Temperature range at storage
SF BLKH 300 S EM 15W/3000K WT IP65 [1]	Anti-panic lighting / Escape route lighting	II	IP65	5...+35 °C
SF BLKH 300 S EM 15W/4000K WT IP65 [1]	Anti-panic lighting / Escape route lighting	II	IP65	5...+35 °C
SF BLKH 300 S EM 15W/3000K BK IP65 [1]	Anti-panic lighting / Escape route lighting	II	IP65	5...+35 °C
SF BLKH 300 S EM 15W/4000K BK IP65 [1]	Anti-panic lighting / Escape route lighting	II	IP65	5...+35 °C

[1] Available from March 2020

308mm   70mm

SF BLKH 300 S EM 15W/3000K WT
IP65, SF BLKH 300 S EM 15W/4000K
WT IP65, SF BLKH 300 S EM
15W/3000K BK IP65, SF BLKH 300 S EM
15W/4000K BK IP65

Завантажено з e27.com.ua

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
4058075375413	Shipping carton box 8	650 mm x 335 mm x 315 mm	9481.00 g	68.59 dm³
4058075375437	Shipping carton box 8	650 mm x 335 mm x 315 mm	9481.00 g	68.59 dm³
4058075375451	Shipping carton box 8	650 mm x 335 mm x 315 mm	9481.00 g	68.59 dm³
4058075375475	Shipping carton box 8	650 mm x 335 mm x 315 mm	9481.00 g	68.59 dm³

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.