

# PRODUCT FAMILY DATASHEET

## SURFACE BULKHEAD 250 SENSOR

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



### AREAS OF APPLICATION

- Direct replacement for luminaires with compact 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
- 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 800 lm
- High luminous efficacy: up to 80 lm/W
- Lifetime (L70/B50): up to 50,000 h (at 25 °C)
- Ambient temperature in operation: -20...+40 °C

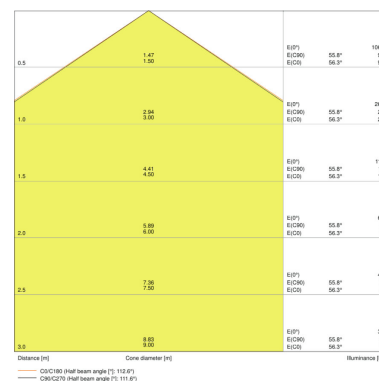
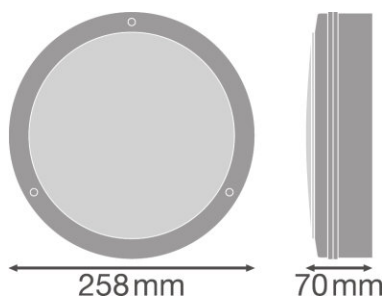
**TECHNICAL DATA**

Product description	Electrical data			Luminaire control gear data	Photometrical data			Light technical data	Luminaire sensor data	Dimensions & weight
	Nominal wattage	Nominal voltage	Mains frequency	Low flicker	Luminous flux	Light color (designation)	Color rendering index Ra	Beam angle	Type of sensor	Diameter
SF BLKH 250 S 10W/3000K WT IP65 <sup>1)</sup>	9.26 W	220...240 V	50/60 Hz	Yes	800 lm	Warm White	>80	120 °	Motion / Light	250.0 mm
SF BLKH 250 S 10W/4000K WT IP65 <sup>1)</sup>	9.26 W	220...240 V	50/60 Hz	Yes	800 lm	Cool White	>80	120 °	Motion / Light	250.0 mm
SF BLKH 250 S 10W/3000K BK IP65 <sup>1)</sup>	9.26 W	220...240 V	50/60 Hz	Yes	800 lm	Warm White	>80	120 °	Motion / Light	250.0 mm
SF BLKH 250 S 10W/4000K BK IP65 <sup>1)</sup>	9.26 W	220...240 V	50/60 Hz	Yes	800 lm	Cool White	>80	120 °	Motion / Light	250.0 mm

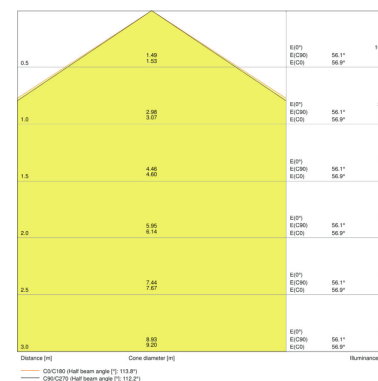
Product description	Height	Product weight	Colors & materials				Temperatures & operating conditions	Lifespan	
			Body material	Housing color	Product color	Cover material	Ambient temperature range	Number of switching cycles	Lifespan L70/B50 at 25 °C
SF BLKH 250 S 10W/3000K WT IP65 <sup>1)</sup>	70.0 mm	570.00 g	Polycarbonate (PC)	White	White	Polycarbonate (PC)	-20...+40 °C	100000	50000 h
SF BLKH 250 S 10W/4000K WT IP65 <sup>1)</sup>	70.0 mm	570.00 g	Polycarbonate (PC)	White	White	Polycarbonate (PC)	-20...+40 °C	100000	50000 h
SF BLKH 250 S 10W/3000K BK IP65 <sup>1)</sup>	70.0 mm	570.00 g	Polycarbonate (PC)	Black	Black	Polycarbonate (PC)	-20...+40 °C	100000	50000 h
SF BLKH 250 S 10W/4000K BK IP65 <sup>1)</sup>	70.0 mm	570.00 g	Polycarbonate (PC)	Black	Black	Polycarbonate (PC)	-20...+40 °C	100000	50000 h

Product description	Lifespan L80/B10 at 25 °C	Lifespan L90/B10 at 25 °C	Capabilities		Certificates & standards	
			Dimmable	Type of connection	Protection class	Type of protection
SF BLKH 250 S 10W/3000K WT IP65 1)	35000 h	20000 h	No	Screwless terminal	II	IP65
SF BLKH 250 S 10W/4000K WT IP65 1)	35000 h	20000 h	No	Screwless terminal	II	IP65
SF BLKH 250 S 10W/3000K BK IP65 1)	35000 h	20000 h	No	Screwless terminal	II	IP65
SF BLKH 250 S 10W/4000K BK IP65 1)	35000 h	20000 h	No	Screwless terminal	II	IP65

1) Available from March 2020



SF BLKH 250 S 10W/3000K WT IP65



SF BLKH 250 S 10W/4000K WT IP65



SF BLKH 250 S 10W/3000K BK IP65

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



SF BLKH 250 S 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
4058075374935	Shipping carton box 8	550 mm x 285 mm x 315 mm	5798.00 g	49.38 dm <sup>3</sup>
4058075374959	Shipping carton box 8	550 mm x 285 mm x 315 mm	5798.00 g	49.38 dm <sup>3</sup>

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075374973	Shipping carton box 8	550 mm x 285 mm x 315 mm	5798.00 g	49.38 dm <sup>3</sup>
4058075374997	Shipping carton box 8	550 mm x 285 mm x 315 mm	5798.00 g	49.38 dm <sup>3</sup>

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](http://www.ledvance.com/guarantee)

### DISCLAIMER

— Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.