FXLuminaire

SF Surface-Mounted Wall Light **DESIGNER** PLUS



PROJECT

CATALOG #

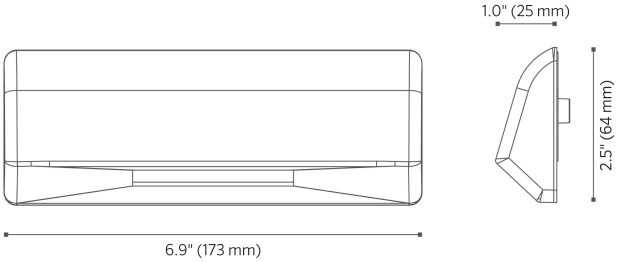
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NOTES

The SF Surface-Mounted Wall Light simplifies wall and step light installations while offering a modern, streamlined profile. Available with 1 LED or ZDC configurations, the fixture's integrated LEDs and specialized optics are designed to project light at a 40° angle, creating beautiful wall- and ground-washing effects.

With only 1.0" (25 mm) of exposed depth and an overall height of 2.5" (64 mm), the SF easily accommodates tight spaces and modern risers. The mounting system includes guidelines for proper fixture positioning and a final installation with no visible hardware.

Fully potted with an IP66/IP67 rating, the SF Surface-Mounted Wall Light is ideal for a range of low-profile applications.



Quick Facts

- Surface-mounted with stainless steel hardware
- Low-profile at 2.5" (64 mm) tall and 1" (2.5 cm) of exposed depth
- Modern, angled look with no visible hardware
- Specialized optics for wall- and ground-washing effects
- Serviceable with an IP66/IP67 rating

Output	1LED	ZDC
Total Lumens	56	76
Input Voltage	10 to 15 V	11 to 15 V
Input Power	1.9 W	3.6 W
VA (Power Consumption)	2.2 W	4.3 W
Efficacy (Lumens/Watt)	28	21
Color Rendering Index (CRI)	86	80+
Max Candela	49	64
Dimming		
Primary Dimming (Transformer)	Consult transformer specifications	Consult transformer specifications
Secondary Dimming (Fixture)	Phase-cut**	Luxor
RGBW Available	No	Yes
Luxor Compatibility		
Default	Zoning	--
ZD Option	Zoning/Dimming	--
ZDC Option	--	Zoning/Dimming/Color
Minimum Rated Life (L70)	72,000 hrs	55,000 Hrs

** For optimal performance, use a trailing-edge, phase-cut dimmer.

FX Luminaire

FX Luminaire is an industry-leading manufacturer of landscape and architectural lighting products with a focus on the advancement of LED technology and digital lighting control with zoning, dimming, and color adjustment capabilities. We offer a full spectrum of specification-driven lighting fixtures that can be utilized to create elegant, cutting-edge landscape lighting systems for commercial or residential applications. Our products are available exclusively via our extensive professional distributor network.

Materials

Die-cast A380 aluminum body with stainless steel setscrews and mounting bracket

LED

Integrated module with Cree® LEDs. Gold-plated connectors with conformal coating offer maximum reliability and corrosion resistance. Proprietary on-board intelligent driver uses firmware-controlled temperature regulation, maximizing LED life. Field upgradeable and replaceable, the LEDs are rated to 50,000 hrs. Maximum drive current: 1 A.

Optics

Color temperature defined by part number. Beam angle is calculated using LM-79 method for SSL luminaires.

Finish

Two-layer protection of sulfuric acid anodization and polyester TGIC powder-coat layer, providing superior outdoor weathering in all conditions. Tested to ASTM Standards.

Hardware

Tamper-resistant stainless steel fasteners included.

Wiring

18 AWG (1 mm); SPT-1W; 200°F (105°C); 300 V; 10' (3 m) length.

Sockets

Socket contains MoistureBlock™ technology, preventing moisture from wicking up into sealed areas of the fixture.

Power

Input 10 to 15 VAC/VDC, 50/60 Hz. Remote transformer required (specify separately).

Housing

Die-cast A380 aluminum body with capacity for 1 LED or ZDC integrated LEDs.

Weight

1.1 lb (0.5 kg)

Lens

Polycarbonate lens with shock resistance and high tolerance for thermal expansion and stress.

International Compliance

Compliant per IEC 60598-1 and IEC 60598-2-1 by selecting the “e” version

Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

Sustainability

Innovation meets conservation in the design and manufacturing of our products. Where we can, we use recycled materials while maintaining superior functionality. Our LED products provide high quality light at optimal energy efficiency, lifespan, and durability.

Installation Requirements

Designed for surface-mounting installations in the down lighting position.

Control

ZD or ZDC utilizes Luxor® Technology to zone fixtures in up to 250 groups, dim each group in 1% increments between 0 and 100%, or change to one of 30,000 colors with RGWB LEDs. Select the ZD option for zoning/dimming or ZDC for zoning/diming/color. Standard fixture is zoneable with Luxor Controller.1.1 lb (0.5 kg)weight

Manufacturing

ISO 9001:2015 certified facility

Warranty

10-year limited warranty

Listings

SF Surface-Mounted Wall Light ORDERING INFORMATION

Fixture	Luxor Option	Lamp	Color Temp	Compliance	Finish
SF	**[default]** Zone	**1 LED** 2.0W/2.4VA	**W** Warm (2700K)	**[default]** North America (UL-listed)	**BZ** Bronze Metallic
	ZD Zone/Dim	**[default ZDC option]** 3.6W/4.3VA	**C** Cool (3900K)	**e** Int'l (CE Certified)	**FB** Black
	ZDC Zone/Dim/Color		**[default ZDC option]** RGBW		**DG** Desert Granite
					WI Weathered Iron
					SB Sedona Brown
					FW Flat White
					SV Silver

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EXAMPLE FIXTURE CONFIGURATION: *SF*–XX–XXXX–XX

SF Wall Light - Recommended Spacing				
Foot-Candles (Lux)	1 LED		3 LED	
	2.4" (60 mm) MH	2.0 ft (0.6 m) MH	2.4" (60 mm) MH	2.0 ft (0.6 m) MH
0.1 fc (1.1 lx)	5.6 ft (1.7 m)	8.4 ft (2.6 m)	3.8 ft (1.2 m)	9.6 ft (2.9 m)
0.3 fc (3.2 lx)	2.4 ft (0.7 m)	6.2 ft (1.9 m)	2.6 ft (0.8 m)	7.2 ft (2.2 m)
0.5 fc (5.4 lx)	2.0 ft (0.6 m)	5.6 ft (1.7 m)	2.4 ft (0.7 m)	6.0 ft (1.8 m)
1.0 fc (10.7 lx)	1.6 ft (0.5 m)	4.4 ft (1.3 m)	2.0 ft (0.6 m)	5.2 ft (1.6 m)
2.5 fc (26.9 lx)	1.4 ft (0.4 m)	3.2 ft (1.0 m)	1.6 ft (0.5 m)	3.8 ft (1.2 m)

0.1 fc (1.1 lx) minimum spacing recommended for residential projects
0.3 fc (3.2 lx) minimum spacing recommended for commercial projects