FXLuminaire

MS LED Wall Light DESIGNER PLUS



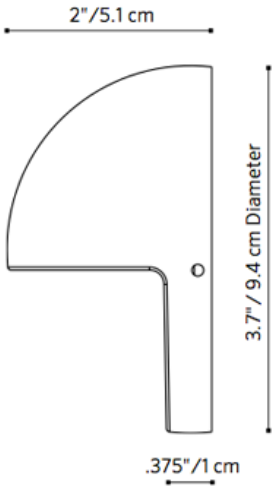
PROJECT

CATALOG #

TYPE

NOTES

The MS comes to the FX LED line as an immediate favorite thanks to its close relative the MM. The MS takes all the great features of the MM and adds the energy efficiency and long life of LED. Changeable filters and available in Brass or Powder Coat allow you to add glow at night and during the day.



Quick Facts

- Die-cast aluminum or brass
- Two-layer marine-grade anodization and powder coat finish
- Natural, powder coated, or antiqued brass finishes
- Lumileds® Integrated LEDs
- Compatible with Luxor® technology
- Phase and PWM dimmable
- Input voltage: 10-15V

Output	1LED
Total Lumens †	101
Input Voltage	10 to 15V
Input Power (W)	1.9
VA	2.2
Efficacy (Lumens/Watt)	56
Color Rendering Index (CRI)	84
Max Candela	53
Dimming	PWM, Phase**
Luxor Compatibility	
Default	Zoning
ZD Option	Zoning/Dimming
Minimum Rated Life L70 (Hrs)	72,000

† Measured using the 3,900K CCT lens. Multipliers for other CCTs include 0.80 (2,700K), 0.65 (4,500K), and 0.65 (5,200K).
** 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 C360 brass or A380 aluminum faceplate and housing, with stainless steel hardware.

LED

Integrated module with Cree LEDs. Gold-plated connectors and conformal coated for 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.

Finish

Selection of powder-coat, natural brass, or antique brass finish with brushed (Antique Bronze) or tumbled (Antique Tumbled) effect. Antique finishes sealed with a clear TGIC powder-coat layer. Two-layer protection of sulfuric acid anodization and polyester TGIC powder coat, providing superior outdoor weathering in all conditions.

Hardware

Two tamper-resistant setscrews included.

Wiring

18 AWG (1 mm); SPT-1W; 220°F (105°C); 300V; 10' (3 m) length.

Sockets

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

Optics

Polycarbonate color temperature filters included with fixture: 2,700K (pre-installed) or 3,900K (clear frosted filter). Filters field serviceable.

Power

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

Housing

Die-cast aluminum housing with capacity for 1LED integrated LEDs.

Weight

1.1 lbs. (0.5 kg)

Lens

Frosted polycarbonate lens with high tolerance for thermal expansion, stress, and abuse.

International Compliance

Compliant per IEC 60598-1 and IEC 60598-2-7 by selecting the "e" version.

Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

Sustainability

Installation Requirements

Designed for installation on a vertical wall in the downward lighting direction only.

Control

ZD options utilize Luxor technology to zone light fixtures in up to 250 groups, and dim each group in 1% increments between 0% and 100%.

Warranty

10-year limited warranty.

Listings

MS LED Wall Light ORDERING INFORMATION

Fixture	Luxor Option	Lamp	Compliance	Finish
MS	**[default]** Zone	**1 LED** 2.0W/2.4VA	**[default]** North America (UL-listed)	**BZ** Bronze Metallic
	ZD Zone/Dim		**e** Int'l (CE Certified)	**FB** Black
				DG Desert Granite
				WI Weathered Iron
				SB Sedona Brown
				FW Flat White
				SV Silver
				AB Antique Bronze
				AT Antique Tumbled
				NP Nickel Plate
				BS Natural Brass

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EXAMPLE FIXTURE CONFIGURATION: MS-ZD-1LED-FB

MS 1LED - Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	**Foot-Candles (Lux)**	**Vertical : 68.4 °**	**Horizontal : 96.7 °**
1' (0.3 m)	51.0 fc	1.4 ft	2.2 ft
2' (0.6 m)	12.8 fc	2.7 ft	4.5 ft
3' (0.9 m)	5.67 fc	4.1 ft	6.7 ft
4' (1.2 m)	3.19 fc	5.4 ft	9.0 ft
5' (1.5 m)	2.04 fc	6.8 ft	11.2 ft
6.0' (1.8 m)	1.42 fc	8.2 ft	13.5 ft

POWER OPTIONS: Specify Separately

Power	Catalog No.	
Plug-In Transformer, 6 W	MT-6W	
Lighting Fixture Surge Module	SURGE-MOD	

Power	Catalog No.	
Step-Down Transformer, UV (120/277 V to 12 V)	ST-UV	