



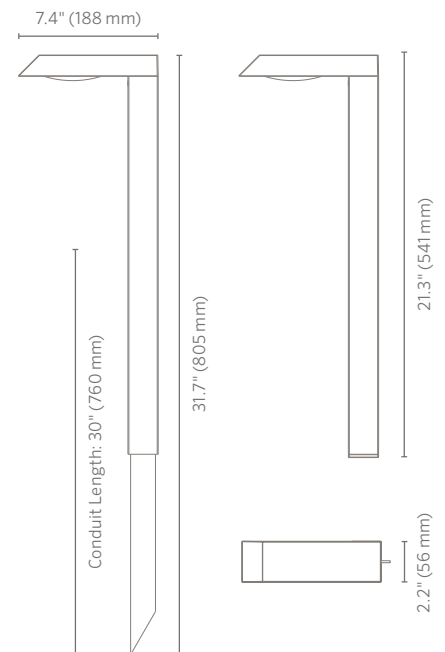
PROJECT
CATALOG #
TYPE
NOTES

M-PL Path Light DESIGNER PLUS

The ultra-modern M-PL path light combines the versatility of die-cast aluminum with minimalist aesthetics to complement a range of contemporary installations.

Quick Facts

- Die-cast aluminum
- Two-layer marine-grade anodization and powder coat finish
- Cree® integrated LEDs
- Color temperature filters
- Compatible with Luxor® technology
- Phase and PWM dimmable
- Input voltage: 10-15V



M-PL Path Light SPECIFICATIONS

Lamp	1 LED	ZDC
Halogen Lumen Output Equivalent	20W	10W
Minimum Rated Life (L70)	50,000 hrs avg	50,000 hrs avg
Input Voltage	10 to 15V	11 to 15V
VA Total (Use this number to size the transformer)	2.4	4.3
Watts Used	2.0	3.6
Lumens per Watt (Efficacy)	36	21
Max Lumens	73	36
CRI (Ra)	80+	80+
Center Beam Candlepower (CBCP)	85	25
Dimming	PWM, Phase**	PWM, Phase**
RGBW Available	No	Yes
Luxor Compatibility		
Default	Zoning	Zoning
ZD Option	Zoning/Dimming	Zoning/Dimming
ZDC Option	N/A	Color
Minimum Rated Life (L70)	50,000 Hrs	50,000 Hrs
CCT		
Amber Filter	2,700K	N/A
Frosted Filter	3,900K	N/A

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 aluminum A380 housing and extruded riser with stainless steel hardware.

Power

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

Lamp

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.

Socket

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

Optics

Polycarbonate color temperature adjustment lenses included with luminaire: 2,700K (preinstalled) and 3,900K (clear lens). Color temperature lenses are field serviceable.

Wiring

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

Housing

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

Lens

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

Finish

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

Weight

3.2 lbs. (1.45 kg)

Manufacturing

ISO 9001:2015 certified facility

Hardware

Tamper-resistant stainless steel hardware. Ships with 30" (762 mm) length of 1¼" (32 mm) conduit.

Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

Control

ZD or ZDC options utilize Luxor technology to zone luminaires in up to 250 groups, dim each group in 1% increments between 0 and 100%, or change to one of 30,000 colors with RGBW LEDs. Select the ZD option for zoning/dimming or ZDC for zoning/dimming/color. Standard luminaire is zoneable with Luxor.

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 installation in the downward lighting direction only.

International Compliance

Compliant per IEC 60598-1 and IEC 60598-2-7 by selecting "e" option in parts builder.

Warranty

10-year limited warranty.

Listings



M-PL Path Light ORDERING INFORMATION

Fixture Size	Luxor Option	Lamp	Compliance	Finish	
M-PL	<input type="checkbox"/> [default] Zone	<input type="checkbox"/> 1LED 2.0W/2.4A	<input type="checkbox"/> [default] UL-Listed	<input type="checkbox"/> BZ Bronze	<input type="checkbox"/> SB Sedona Brown
	<input type="checkbox"/> ZD Zone/Dim	<input type="checkbox"/> [default ZDC option] 3.6W/4.3VA	<input type="checkbox"/> e CE Approved	<input type="checkbox"/> SV Silver	<input type="checkbox"/> AL Almond
	<input type="checkbox"/> ZDC Zone/Dim/Color			<input type="checkbox"/> FB Black	<input type="checkbox"/> WG White Gloss
				<input type="checkbox"/> DG Desert Granite	<input type="checkbox"/> FW Flat White
				<input type="checkbox"/> WI Weathered Iron	

EXAMPLE FIXTURE CONFIGURATION:

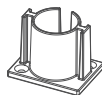
M-PL-ZD-1LED-SV

* Ships with 30" (762 mm) length of 1/4" (32 mm) conduit



MOUNTING OPTIONS: Specify Separately

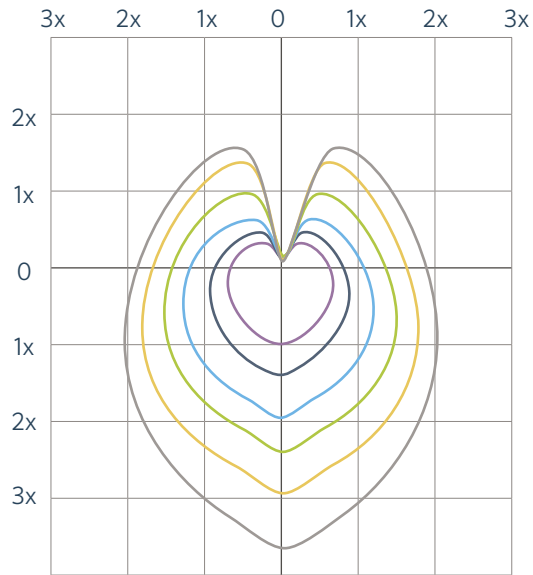
Mounts	Catalog No.
<input type="checkbox"/> M-PL DECK MOUNT 1.75" x 1.75" x 2" (44 mm x 32 mm x 51 mm)	M-PL-DM-XX*



* XX = Power coat color code

M-PL Path Light PHOTOMETRICS

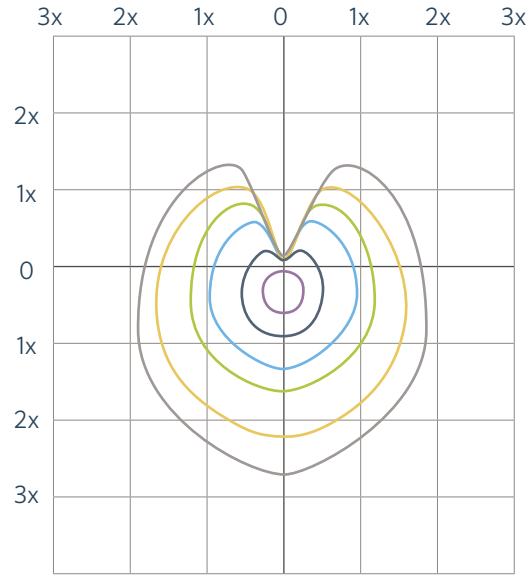
M-PL 1LED Isofootcandle Plot



- 5 fc (54 lx) ■ 0.5 fc (5 lx)
- 2.5 fc (27 lx) ■ 0.2 fc (2 lx)
- 1 fc (11 lx) ■ 0.1 fc (1.1 lx)

Distance in units of mounting height: 1.8'
(0.6 m) Total LLF: 1.0

M-PL ZDC Isofootcandle Plot

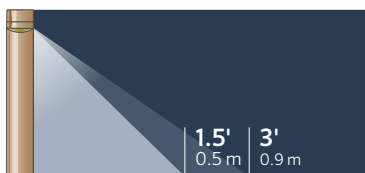


- 5 fc (54 lx) ■ 0.5 fc (5 lx)
- 2.5 fc (27 lx) ■ 0.2 fc (2 lx)
- 1 fc (11 lx) ■ 0.1 fc (1.1 lx)

Distance in units of mounting height: 1.8'
(0.6 m) Total LLF: 1.0

FIXTURE SPACING

M-PL 1 LED or ZDC



fc	1.0	0.5	0.1
lux	10	5.0	1.0

Recommended spacing for area lights

- 10' Residential** applications at 0.1 fc
- 5' Commercial** applications at 0.5 fc