FXLuminaire

DM LED Path Light

DESIGNER PREMIUM

PROJECT

CATALOG #

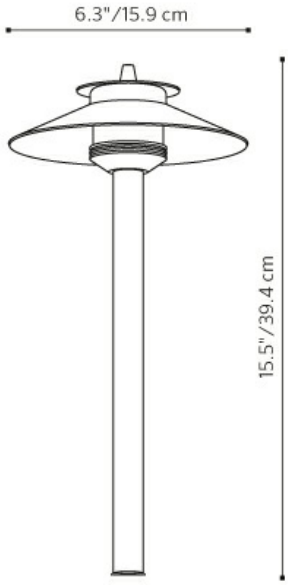
TYPE

NOTES

Many see different timeless design influences in the DM. Some see the spirit of Frank Lloyd Wright's Fallingwater, while others find the influences of an ancient garden such as Ryoan-ji in Kyoto. The essential ingredients of a timeless path light are through pure shape and function. It has the ability to span the decades, transcending momentary design trends and fashion. Larger than the PF, but smaller than the GN, the DM is just right for any application.

Quick Facts

- Copper/brass construction
- Natural, powder coated, or antiqued copper/brass
- Cree® Integrated LEDs
- Color temperature filters
- Compatible with Luxor® technology
- Phase and PWM dimmable
- Input voltage: 10-15V



Note: Example model shown has a 12" riser.

Output	1LED	3LED	3LEDT	ZDC
Total Lumens†	68	189	74	73
Input Voltage	10 to 15V	10 to 15V	10 to 15V	11 to 15V
Input Power (W)	2.0	4.2	4.2	6.0
VA	2.4	4.5	4.5	7.2
Efficacy (Lumens/Watt)	18	22	21	23
Color Rendering Index (CRI)	80	80	--	85
Max Candela	11	33	37	23
Dimming	PWM, Phase**	PWM, Phase**	PWM, Phase**	PWM, Phase**
RGBW Available	No	No	No	Yes
Luxor Compatibility				
Default	Zoning	Zoning	--	--
ZD Option	Zoning/Dimming	Zoning/Dimming	Zoning/Dimming	--
ZDC Option	--	--	--	Zoning/Dimming/Color
Minimum Rated Life (L70)	50,000 Hrs	50,000 Hrs	50,000 Hrs	50,000 Hrs

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

About FX Luminaire

As a leading manufacturer of landscape and architectural lighting, FX Luminaire provides innovative products, resources, and support to help customers bring their visions to life. The company offers a range of specification-driven solutions, including fixtures, controls, and accessories, to enhance residential and commercial landscapes.

Materials

Machined C360 brass cap and reducer with stainless hardware. Spun C110 copper top/shade and extruded C110 copper riser.

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.

Threads

Machined brass fitting with ½"-14 (13 mm) NPSM threads.

Finish

Options of natural copper/brass finish, or antiqued finish with brushed (AB) or tumbled (AT) effect. Antique finishes sealed with a clear TGIC powder coat layer. Brass reducer remains natural (not powder coated) for powder coat finishes.

Hardware

Includes 12" (305 mm) ABS slotted installation spike.

Wiring

16 AWG (1.6 mm); SPT-1W; 220°F (105°C); 300V; 10' (3 m) length without riser.

Optics

Polycarbonate color temperature adjustment lenses included with fixture: 2,700K (preinstalled), 3,900K (no lens), 4,500K, and 5,200K. Conical reflector maximizes distribution according to riser height. Color temperature lenses field serviceable.

Sockets

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

Power

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

Housing

Machined brass housing with capability for 1LED, 3LED, or ZDC integrated LEDs.

Weight

4.0 lbs. (1.8 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 when used with ground mount ("GM-XX") accessory, or alternate mount greater than or equal to IP65.

Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

Installation Requirements

Designed for installation in the downward lighting direction only.

Control

ZD or ZDC options utilize Luxor technology to zone light 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 RGBW LEDs. Select the ZD option for zoning/dimming or ZDC for zoning/dimming/color. Standard fixture is zoneable with Luxor.

Warranty

Listings

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Fixture	Top Finish	Riser	Control	Power	Riser Height	Finish
DMLEDTA	**AB** Antique Bronze	**G** (Grande)	**[Default]** Zone with Luxor, On/Off, Phase Dimmable	**1 LED** 2.0W/2.4VA	**12RA**	**BZ** Bronze Metallic
	AT Antique Tumbled		**ZD** Zone/Dim with Luxor	**3 LED** 4.0W/4.4VA	**18RA**	**FB** Black
	CU Copper		**ZDC** Zone/Dim/Color with Luxor	**3 LEDT** Wildlife-Friendly Amber (585-595 nm)	**24RA**	**DG** Desert Granite
	NP Nickel Plate			**[default ZDC option]** 6.0W/7.2VA		**WI** Weathered Iron
	BZ Bronze Metallic					**SB** Sedona Brown
	DG Desert Granite					**FW** Flat White
	WI Weathered Iron					**SV** Silver
	SB Sedona Brown					**AB** Antique Bronze
	FB Flat Black					**AT** Antique Tumbled
	FW Flat White					**CU** Copper
	SV Silver					**NP** Nickel Plate

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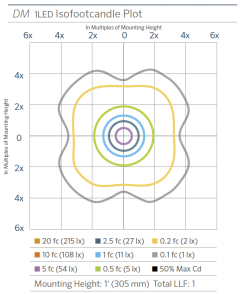
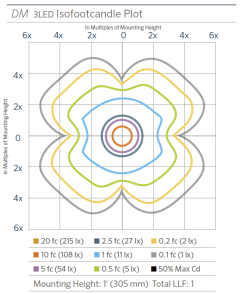
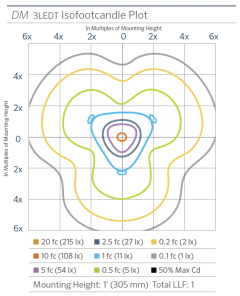
EXAMPLE FIXTURE CONFIGURATION: DM-CU+G-ZD-3LED-12RA-CU

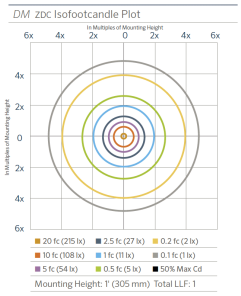
* Ships with Long Slot Spike (250015840000)

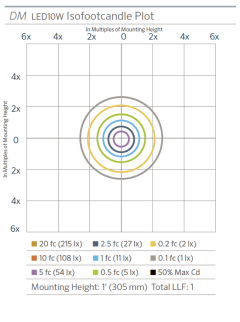
** Available with ZD Luxor option and CU, AB, or AT finishes only

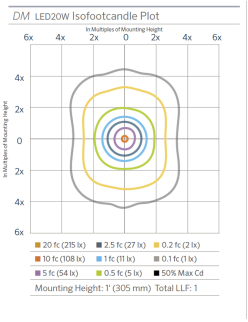

DM 1LED Isofootcandle Plot
In Multiples of Mounting Height
6x 4x 2x 0 2x 4x 6x
In Multiples of Mounting Height
20 fc (215 lx) 2.5 fc (27 lx) 0.2 fc (2 lx)
10 fc (108 lx) 1 fc (11 lx) 0.1 fc (1 lx)
5 fc (54 lx) 0.5 fc (5 lx) 50% Max Cd
Mounting Height: 1' (305 mm) Total LLF: 1


DM 3LED Isofootcandle Plot
In Multiples of Mounting Height
6x 4x 2x 0 2x 4x 6x
In Multiples of Mounting Height
20 fc (215 lx) 2.5 fc (27 lx) 0.2 fc (2 lx)
10 fc (108 lx) 1 fc (11 lx) 0.1 fc (1 lx)
5 fc (54 lx) 0.5 fc (5 lx) 50% Max Cd
Mounting Height: 1' (305 mm) Total LLF: 1


DM 3LEDT Isofootcandle Plot
In Multiples of Mounting Height
6x 4x 2x 0 2x 4x 6x
In Multiples of Mounting Height
20 fc (215 lx) 2.5 fc (27 lx) 0.2 fc (2 lx)
10 fc (108 lx) 1 fc (11 lx) 0.1 fc (1 lx)
5 fc (54 lx) 0.5 fc (5 lx) 50% Max Cd
Mounting Height: 1' (305 mm) Total LLF: 1


DM ZDC Isofootcandle Plot
In Multiples of Mounting Height
6x 4x 2x 0 2x 4x 6x
In Multiples of Mounting Height
20 fc (215 lx) 2.5 fc (27 lx) 0.2 fc (2 lx)
10 fc (108 lx) 1 fc (11 lx) 0.1 fc (1 lx)
5 fc (54 lx) 0.5 fc (5 lx) 50% Max Cd
Mounting Height: 1' (305 mm) Total LLF: 1


DM LED10W Isofootcandle Plot
In Multiples of Mounting Height
6x 4x 2x 0 2x 4x 6x
In Multiples of Mounting Height
20 fc (215 lx) 2.5 fc (27 lx) 0.2 fc (2 lx)
10 fc (108 lx) 1 fc (11 lx) 0.1 fc (1 lx)
5 fc (54 lx) 0.5 fc (5 lx) 50% Max Cd
Mounting Height: 1' (305 mm) Total LLF: 1


DM LED20W Isofootcandle Plot
In Multiples of Mounting Height
6x 4x 2x 0 2x 4x 6x
In Multiples of Mounting Height
20 fc (215 lx) 2.5 fc (27 lx) 0.2 fc (2 lx)
10 fc (108 lx) 1 fc (11 lx) 0.1 fc (1 lx)
5 fc (54 lx) 0.5 fc (5 lx) 50% Max Cd
Mounting Height: 1' (305 mm) Total LLF: 1

MOUNTING OPTIONS: Specify Separately

Mounts	Catalog No.	
Long Slot Spike	250015840000	
Super Slot Spike	753900	
Mini J-Box for ½" Thread	MJB-050-XX*	
Post Mount	PM-XX*	
VersaBox® Mount with ½" Thread	VB-050-XX*	
1.0" (25 mm) Copper Riser for GT Path Light	YY*-R-GT-XX*	

Mounts	Catalog No.	
Three-Prong Spike	250020020000	
Ground Mount with ½" Thread	GM-XX*	
ProAim® Ratcheting Spike	PARS	
Super J-Box Spike	SJ-XX*	
Variable Height Riser for Up Lights	VHR-UL	

POWER OPTIONS: Specify Separately

Power	Catalog No.	
Luxor CUBE- Low-voltage	LCM-LV	
Step-Down Transformer, UV (120/277 V to 12 V)	ST-UV	

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