

# MXG2PRD

## 3.5" MX G2 LED Warm Dim Downlight Cylinder

<b>JOB NAME</b>		<b>CATALOG NUMBER</b>	
<b>NOTES</b>		<b>TYPE</b>	

### ELECTRICAL DATA

LED Light Engine	System Wattage *	CCT / CRI	Delivered Lumens **
WD1	13.5W	3000K-1800K / 92 CRI	900lm
WD2	16.5W	3000K-1800K / 92 CRI	1150lm

\* System Wattage includes driver and LED Module consumption.

\*\* Delivered lumens will vary depending on trim, CCT, CRI, optic and ceiling thickness

### FEATURES

- Halogen style profile that warms as it dims
- 3000K at full intensity to 1800K at lowest dim level
- Field changeable optics: 24°, 30°, 45°
- Sleek, high performance pendant complements MX downlighting family
- Offered in various mounting options including cable, stem and surface
- Utilizes MX trims to ensure aesthetic consistency across the product line
- Control protocols from Phase, 0-10V, Lutron and DMX with options available in 0.1%
- Unique flush, surface mount design allows for precise alignment and adjustment

### LED LIGHT ENGINE

- >50,000 hours L70 (rated life at 70% output)

### ELECTRICAL SYSTEM

- 120/277V 50/60Hz input
- Class 2 power supply
- Over voltage/current and short circuit protection with auto recovery

### DIMMING

- Forward/reverse phase dimming 1% (120V only)
- 0-10V Dimming 1%
- eldoLED 0-10V 0.1% or 1%
- Lutron® LDE1 Hi-Lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology
- DMX512 RDM 0.1%

### MOUNTING

- Mounts to 4" octagon J-Box with raised fixture cover (supplied by others)
- 9-inch model requires remote driver box
- 0-10V and Lutron options requires remote driver box for cable mount option
- DMXR option requires remote driver box for cable and pendant mount options
- Pendant stems supplied with complete canopy assembly
- Cable / pendant mount are matched to housing finish

### TRIM SPECIFICATION

- A380 aluminum die-cast trims
- Durable powder coat available in multiple finishes

### REMOTE BOX

- Remote box included when required by specification
- Galvanized steel construction
- Separate line voltage and low voltage wiring compartments
- 50ft remote distance maximum

### ACCESSORIES

Luminaire will accommodate (2) accessories, accessory holder required. Accessory holder not compatible with lensed trims

### LISTING / WARRANTY

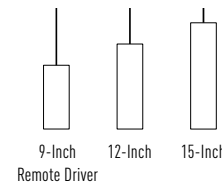
- ETL Listed to US and Canadian standards for damp locations
- ETL Listed to US and Canadian standards for wet locations. Available with lensed surface mount options only.
- 5-Year Intense LED Limited Warranty



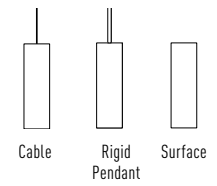
# MX



### Pendant Size Options



### Mounting Options



(See Page 2 For Dimensions)

### Available Trim Finishes



### Cylinder Part Number (Example: MXG2PRD2WD1DIMNFWBR12)

Cylinder	Height	Wattage	Dimming (120-277V)	Optic	Housing Finish
MXG2PRD	1 (9")	WD1 (13.5W)	DIM <sup>1</sup> (Phase Dimming)	NF (24° Narrow Flood)	B (Black)
	2 (12")	WD2 (16.5W)	D101 <sup>2</sup> (0-10V Dimming 1%)	FL (30° Flood)	W (White)
	3 <sup>5</sup> (15")		ED10V1 <sup>2</sup> (eldoLED 0-10V 1%) ED10V01 <sup>2</sup> (eldoLED 0-10V 0.1%) LUT <sup>3</sup> (Lutron® LDE1 EcoSystem 1%) DMXR <sup>2,3</sup> (DMX512 RDM .01%)	WF (45° Wide Flood)	

### Accessories<sup>4</sup>

- LH47 (Accessory Holder, Black)
- LH47W (Accessory Holder, White)
- PFLMB-47 (Hex Louver, Black)
- PFL1-47 (Prismatic Spread Lens)
- PFL2-47 (Linear Spread Lens)
- PFL4-47 (Solite Lens)

Trim Finish	Lens	Mounting
B (Black)	blank (None)	C48 <sup>2</sup> (48" Cable)
W (White)	SL <sup>4</sup> (Solite)	C96 <sup>2</sup> (96" Cable)
SN (Satin Nickel)	CR <sup>4</sup> (Clear)	R12 (12" Rigid Pendant)
AB (Antique Bronze)	FR <sup>4</sup> (Frosted)	R18 (18" Rigid Pendant)
		R24 (24" Rigid Pendant)
		R36 (36" Rigid Pendant)
		R48 (48" Rigid Pendant)
		S <sup>6</sup> (Surface)

### Notes:

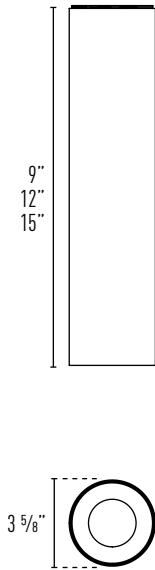
- Not Available in 277V
- 0-10V and Lutron options require remote driver box for cable mount option
- Not available with WD1
- Accessories holder not compatible with lensed trims
- Special order, consult factory for lead times
- A lens option must be selected for wet location applications. Surface mount can be used in wet locations, see instruction sheet for proper installation instructions.

# MXG2PRD

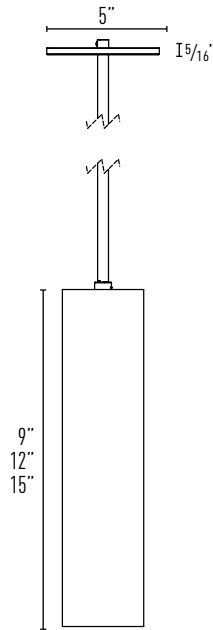
3.5" MX G2 LED Warm Dim Downlight Cylinder

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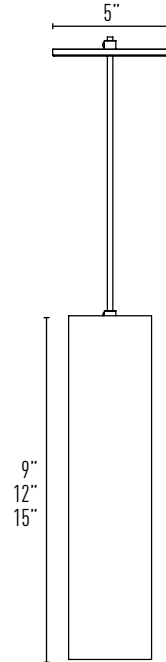
### Surface Mount



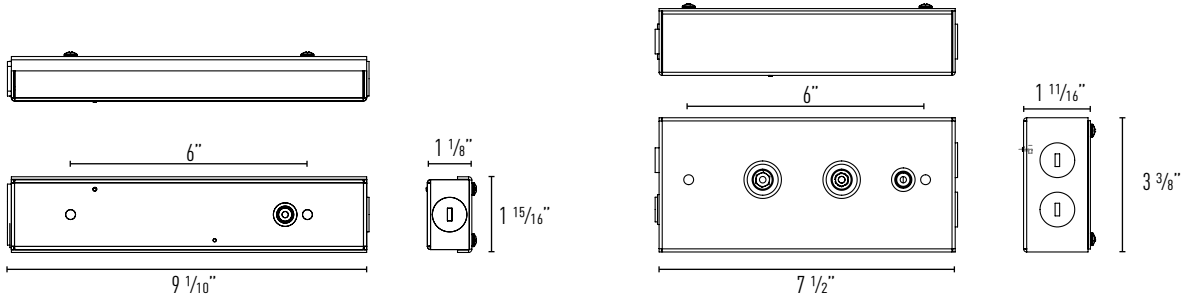
### Rigid Pendant Mount



### Cable Mount



### Remote Mounted Driver Options



#### Remote Driver Box For

**9-inch** Non-Dimming  
Phase Dimming  
0-10V Dimming 1%

**12 & 15-inch** 0-10V Dimming 1% (Cable)

**Note:** Wires for class 2 LED driver require a minimum of 18 AWG wire at a maximum of 50 feet length per local and national electrical regulations.

#### Remote Driver Box For

**9-inch** eldoLED 0-10V 1%  
eldoLED 0-10V 0.1%  
Lutron Hi-Lume® 1%  
Lutron EcoSystem® 1%  
DMX512 RDM 0.1%

**12 & 15-inch** Lutron Hi-Lume® 1% (Cable)  
Lutron EcoSystem® 1% (Cable)  
DMX512 (Cable and Rigid Pendant)

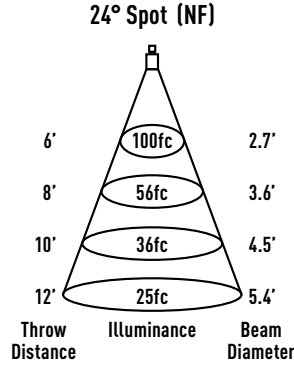
**Note:** Wires for class 2 LED driver require a minimum of 18 AWG wire at a maximum of 50 feet length per local and national electrical regulations.

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NOTES		TYPE	

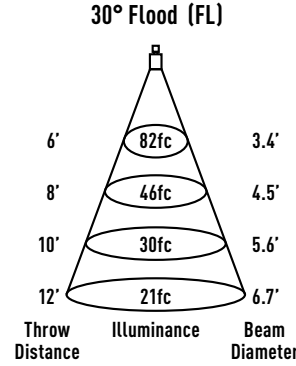
## MXG2PRD (WD1)

**REPORT #:**  
 ILL20180913-10.001 (24)  
 ILL20180917-1.001 (30)  
 ILL20180919-1.001 (45)

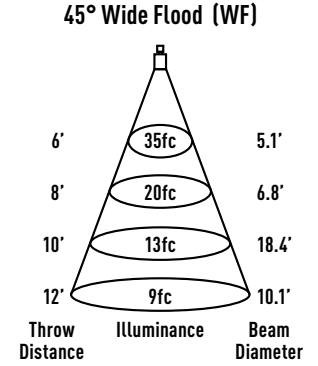
**TRIM MULTIPLIERS:**  
 MXTG2-RTRD300 (x 1.00)  
 MXTG2-RTRR300 (x 0.90)



**Watts:** 13.5  
**Lumens:** 846  
**LPW:** 63  
**CCT:** 3000K



**Watts:** 13.5  
**Lumens:** 959  
**LPW:** 71  
**CCT:** 3000K



**Watts:** 13.5  
**Lumens:** 824  
**LPW:** 61  
**CCT:** 3000K

Intensity	
Degree	Candela
0°	3586
5°	3212
15°	1360
25°	316
35°	27
45°	6

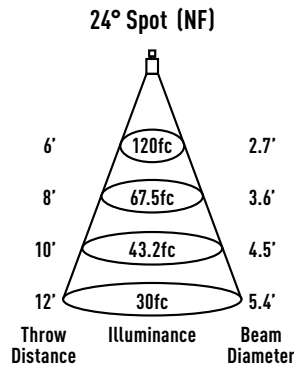
Intensity	
Degree	Candela
0°	2964
5°	2826
15°	1582
25°	444
35°	64
45°	9

Intensity	
Degree	Candela
0°	1268
5°	1240
15°	988
25°	540
35°	204
45°	53

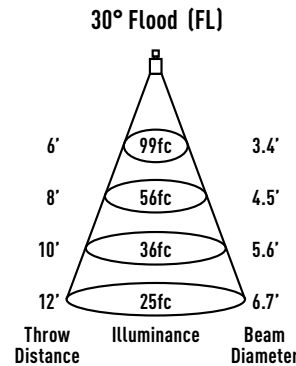
## MXG2PRD (WD2)

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 ILL20180917-1.002 (30)  
 ILL20180919-1.002 (45)

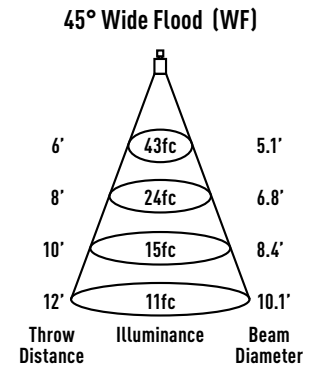
**TRIM MULTIPLIERS:**  
 MXTG2-RTRD300 (x 1.00)  
 MXTG2-RTRR300 (x 0.90)



**Watts:** 16.4  
**Lumens:** 1021  
**LPW:** 62  
**CCT:** 3000K



**Watts:** 16.4  
**Lumens:** 1155  
**LPW:** 70  
**CCT:** 3000K



**Watts:** 16.4  
**Lumens:** 993  
**LPW:** 61  
**CCT:** 3000K

Intensity	
Degree	Candela
0°	4320
5°	3870
15°	1639
25°	380
35°	33
45°	8

Intensity	
Degree	Candela
0°	3571
5°	3405
15°	1906
25°	535
35°	77
45°	11

Intensity	
Degree	Candela
0°	1529
5°	1495
15°	1191
25°	651
35°	246
45°	64