

# MXG2PSD

## 3.5" MX G2 LED Warm Dim Square 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
- Lutron® LTEA2W Hi-Lume 1% 2-wire LED driver (120V forward phase only)
- 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

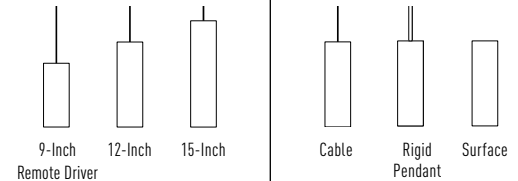


# MX



Pendant Size Options

Mounting Options



(See Page 2 For Dimensions)

Available Trim Finishes



**Cylinder Part Number** (Example: MXG2PSD2WD1DIMNFWR12)

Cylinder	Height	Wattage	Dimming (120-277V)	Optic	Housing Finish
MXG2PSD	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%) LUT2 <sup>1,3</sup> (Lutron® LTEA2W 2-Wire 1%) DMXR <sup>2,3</sup> (DMX512 RDM .01%)	WF (45° Wide Flood)	SV (Silver)

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)
WH (Wheat)		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;
- Surface mount or remote driver box required
- 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.

#### Accessories<sup>5</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)

MX PENDANT L/M-0430-21 P-4

INTENSE LIGHTING | 3340 E La Palma Ave, Anaheim, CA 92806 | tel 714 630-9877 | fax 714 630-9883

For Intense Lighting's limited product warranty, go to [www.intenselighting.com](http://www.intenselighting.com). For a printed copy of the warranty, you may call 800 961-5321.

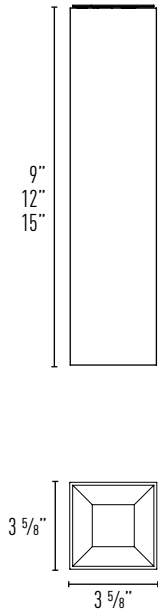
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# MXG2PSD

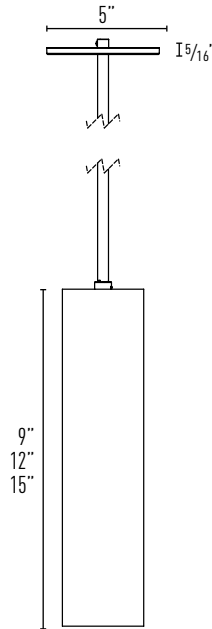
## 3.5" MX G2 LED Warm Dim Square Downlight Cylinder

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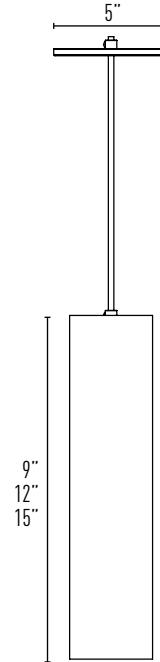
### Surface Mount



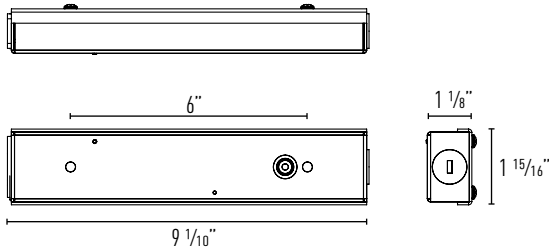
### Rigid Pendant Mount



### Cable Mount



### Remote Mounted driver options

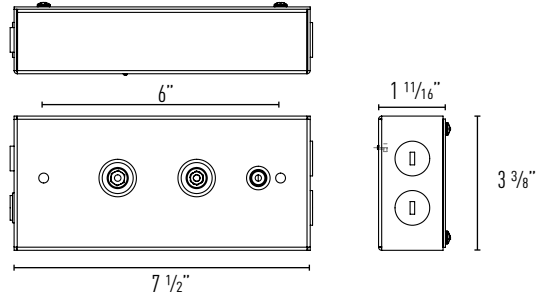


#### Remote Driver Box For

**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.

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

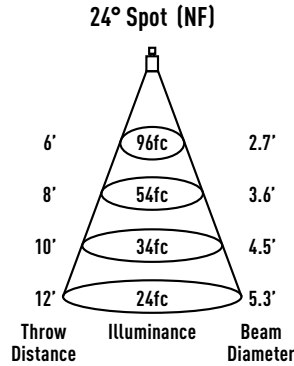
## MXG2PSD (WD1)

**REPORT #:**

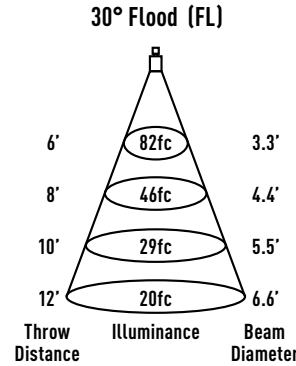
ILL20181001-9.001 (24)  
ILL20180917-17.001 (30)  
ILL20180919-25.001 (45)

**TRIM MULTIPLIERS:**

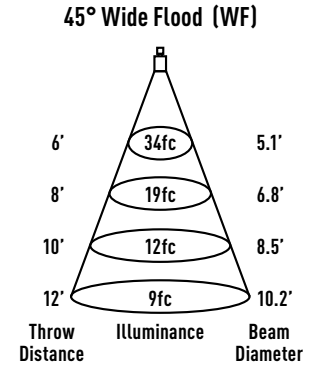
MXTG2-STRD300 (x 1.00)  
MXTG2-STRR300 (x 0.93)



Watts: 13.5  
Lumens: 784  
LPW: 58  
CCT: 3000K



Watts: 13.5  
Lumens: 936  
LPW: 69  
CCT: 3000K



Watts: 13.5  
Lumens: 816  
LPW: 60  
CCT: 3000K

Intensity	
Degree	Candela
0°	3442
5°	3074
15°	1196
25°	212
35°	26
45°	7

Intensity	
Degree	Candela
0°	2938
5°	2778
15°	1549
25°	415
35°	61
45°	10

Intensity	
Degree	Candela
0°	1233
5°	1206
15°	971
25°	531
35°	202
45°	52

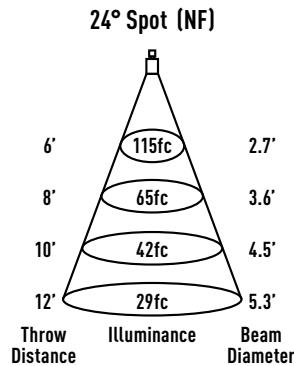
## MXG2PSD (WD2)

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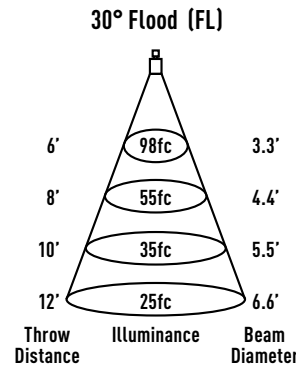
ILL20181001-9.002 (24)  
ILL20180917-17.002 (30)  
ILL20180919-25.002 (45)

**TRIM MULTIPLIERS:**

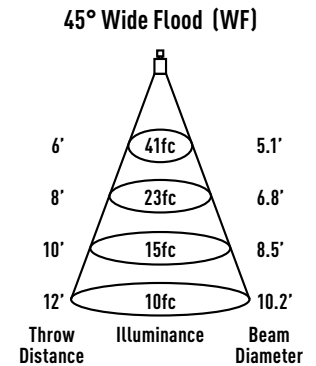
MXTG2-STRD300 (x 1.00)  
MXTG2-STRR300 (x 0.93)



Watts: 16.4  
Lumens: 945  
LPW: 58  
CCT: 3000K



Watts: 16.4  
Lumens: 1128  
LPW: 69  
CCT: 3000K



Watts: 16.4  
Lumens: 983  
LPW: 60  
CCT: 3000K

Intensity	
Degree	Candela
0°	4147
5°	3704
15°	1441
25°	255
35°	31
45°	8

Intensity	
Degree	Candela
0°	3540
5°	3347
15°	1866
25°	500
35°	73
45°	12

Intensity	
Degree	Candela
0°	1486
5°	1454
15°	1170
25°	640
35°	244
45°	63