

# MXRG2DSTR

## 3.5" MX G2 Warm Dim LED Square Lensed Pinhole with Remodel Housing - Wet Location

### ELECTRICAL DATA

LED Light Engine	System *	CCT / CRI	Delivered Lumens **
WD1	13.5W	3000K-1800K / 92 CRI	750lm
WD2	16.5W	3000K-1800K / 92 CRI	900lm

\* 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
- Multiple architectural trim options available
- Field changeable optics: 24°, 30°, 45°

### LED LIGHT ENGINE

- 3000K to 1800K programmable tuning at 92 CRI
- 50,000 hours L70 (rated life at 70% output)

### ELECTRICAL SYSTEM

- 120V or 277V input; Power factor >.9 50/60Hz
- This product complies with IEEE C62.41 for surge endurance up to 2.5KV. Additional surge protection recommended. Damage from power surge is not covered by warranty.

### DIMMING

- Phase dimming, forward 1% & reversed 5% (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® LTA2W Hi-Lume 1% 2-Wire LED driver (120V forward phase only)
- DMX512 RDM 0.1%

### HOUSING

High quality die-casted collar with high strength stainless steel swing out lugs. Driver swivels 90° to accommodate tight spaces.

### TRIM SPECIFICATION

High quality trims are die-cast using A380 aluminum and finished with durable powder coat available in multiple finishes, black interior standard. Trim is available with solite, clear tempered or frosted lens, must specify. Trims available in 1 1/2" regress for greater visual comfort or 1/2" regress for consistent look throughout space.

### INSTALLATION

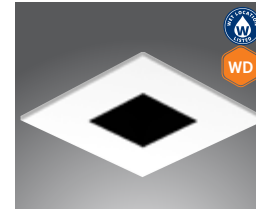
Frame-in installs from below the ceiling. Swing out lugs allow for installation in ceilings between 5/16" and 3/4". Max. ambient temperature: 131°F (55°C). Housing is Non-IC rated, must be kept at a minimum of 3" away from insulation.

### LISTING / WARRANTY

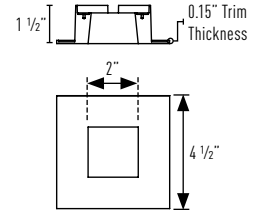
- 5-Year Intense LED Limited Warranty
- ETL listed to US and Canadian standards for damp location



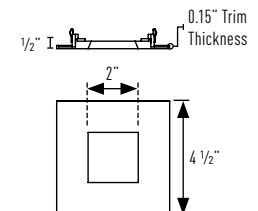
JOB NAME	CATALOG NUMBER
NOTES	TYPE



**MXTG2-STRD308**  
(1 1/2" Regress with Lens)

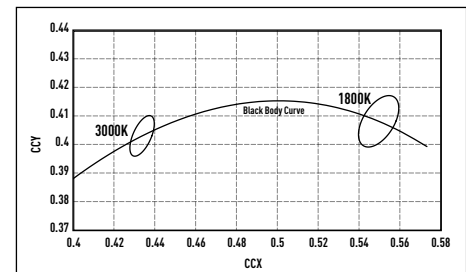


**MXTG2-STRR308**  
(1/2" Regress with Lens)



### Available Trim Finishes

Black	White	Satin Nickel	Antique Bronze	Wheat
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### Housing Part Number (Example: MXRG2DSTR-NCWD1-DIM)

Housing	Installation Type	Wattage	Dimming	Voltage
MXRG2DSTR	-NC (Non-IC)	WD1 (13.5W) WD2 (16.5W)	DIM <sup>1</sup> (Phase Dimming) D101 (0-10V Dimming 1%) ED10V1 (eldoLED 0-10V 1%) ED10V01 (eldoLED 0-10V 0.1%) LUT (Lutron® LDE1 EcoSystem 1%) LUT2 <sup>1</sup> (Lutron® LTA2W 2-Wire 1%) DMXR <sup>2</sup> (DMX512 RDM 0.1%)	blank (120V) 27 (277V)

### Trim Part Number (Example: MXTG2-RTD300W-SFWD1NF-SL)

Trim	Finish	Wattage	Optic	Lens
MXTG2-STRD308 (1 1/2" Regress)	B (Black)	WD1 (13.5W)	NF (24° Narrow Flood)	-SL (Solite)
MXTG2-STRR308 (1/2" Regress)	W (White)	WD2 (16.5W)	FL (30° Flood)	-CR (Clear Tempered)
	SN (Satin Nickel)		WF (45° Wide Flood)	-FR (Frosted)
	AB (Antique Bronze)			
	WH (Wheat)			

### Notes:

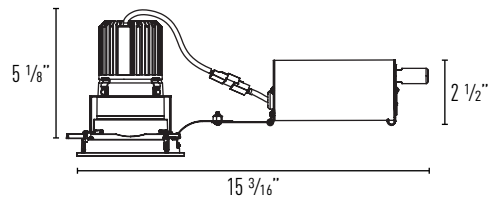
- Available in 120V only
- DMX512 RDM not available in WD1

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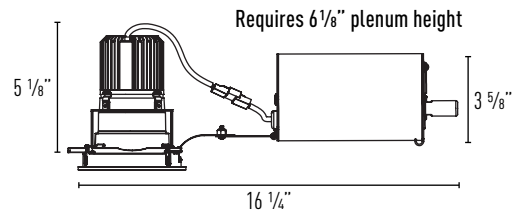
JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

**DRIVER:** Phase / D10V



Ceiling Cut Out: 4 1/16" x 4 1/16"  
Minimum Ceiling Thickness: 5/16"  
Maximum Ceiling Thickness: 3/4"

**DRIVER:** eldoLED / Lutron / DMX



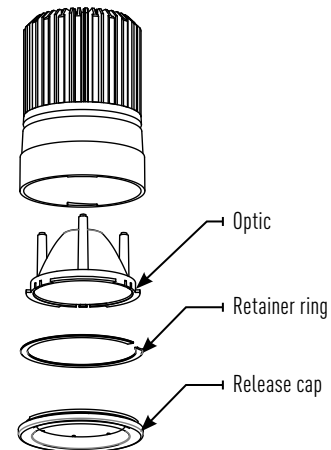
Ceiling Cut Out: 4 1/16" x 4 1/16"  
Minimum Ceiling Thickness: 5/16"  
Maximum Ceiling Thickness: 3/4"

## OPTICS REPLACEMENT

1. Rotate release cap by turning counter clockwise.
2. Install accessories into accessory holder and replace accessory holder's retaining clip.
3. Place accessory holder and accessory flush against optic and replace release cap.

### Optics

**IP-OP4724** (24° Narrow Flood)  
**IP-OP4736** (30° Flood)  
**IP-OP4750** (45° Wide Flood)



JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

## MXTG2-STRD308WWD1-CR

### REPORT #:

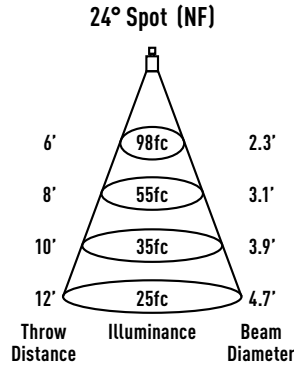
ILL20181001-12.001 (24)  
ILL20180917-20.001 (30)  
ILL20180919-28.001 (45)

### TRIM MULTIPLIERS:

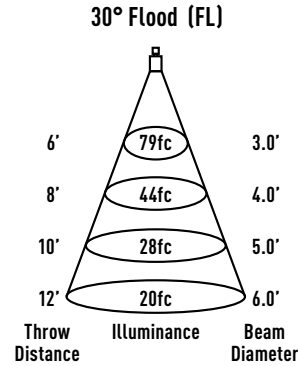
MXTG2-STRD308 (x 1.00)  
MXTG2-STRR308 (x 1.00)

### LENS MULTIPLIERS:

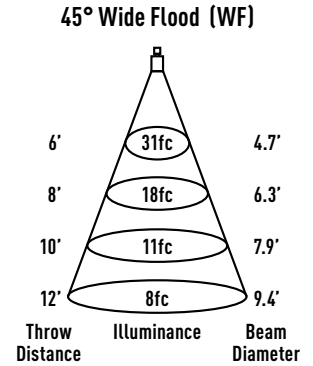
Solite (x 0.92)  
Clear (x 1.00)  
Frosted (x 0.92)



Watts: 13.5  
Lumens: 568  
LPW: 42  
CCT: 3000K



Watts: 13.5  
Lumens: 765  
LPW: 57  
CCT: 3000K



Watts: 13.5  
Lumens: 625  
LPW: 46  
CCT: 3000K

Intensity	
Degree	Candela
0°	3532
5°	3068
15°	779
25°	45
35°	7
45°	3

Intensity	
Degree	Candela
0°	2833
5°	2649
15°	1283
25°	261
35°	34
45°	3

Intensity	
Degree	Candela
0°	1127
5°	1103
15°	876
25°	403
35°	102
45°	5

## MXTG2-STRD308WD2-CR

### REPORT #:

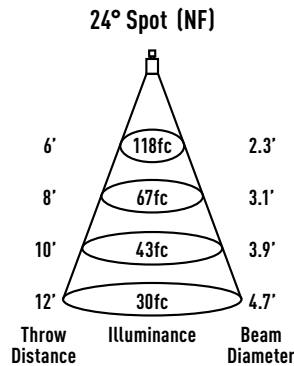
ILL20181001-12.002 (24)  
ILL20180917-20.002 (30)  
ILL20180919-28.002 (45)

### TRIM MULTIPLIERS:

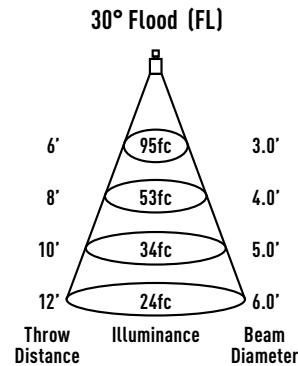
MXTG2-STRD308 (x 1.00)  
MXTG2-STRR308 (x 1.00)

### LENS MULTIPLIERS:

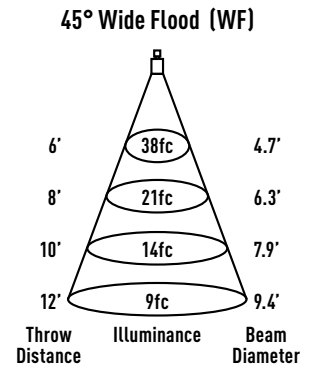
Solite (x 0.92)  
Clear (x 1.00)  
Frosted (x 0.92)



Watts: 16.4  
Lumens: 684  
LPW: 42  
CCT: 3000K



Watts: 16.4  
Lumens: 921  
LPW: 56  
CCT: 3000K



Watts: 16.4  
Lumens: 753  
LPW: 46  
CCT: 3000K

Intensity	
Degree	Candela
0°	4255
5°	3697
15°	939
25°	55
35°	8
45°	4

Intensity	
Degree	Candela
0°	3413
5°	3191
15°	1546
25°	314
35°	41
45°	4

Intensity	
Degree	Candela
0°	1358
5°	1329
15°	1055
25°	485
35°	123
45°	6