

# MXRG2ASTR

## 3.5" MX G2 Warm Dim LED Square Adjustable with Remodel Housing

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

### ELECTRICAL DATA

LED Light Engine	System	CCT / CRI	Delivered Lumens **
WD1	13.5W	3000K-1800K / 92 CRI	850lm
WD2	16.5W	3000K-1800K / 92 CRI	1100lm

\* 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

- (Non-IC) 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

- 0-10V Dimming 1%
- Phase dimming, forward 1% & reversed 5% (120V only)
- 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%

### HOUSING

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

### INSTALLATION

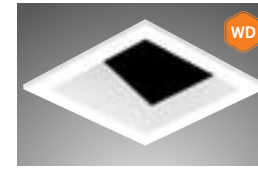
Housing installs from below the ceiling. Swing out lugs allow for installation in ceilings between 5/16" and 3/4". Max. ambient temperature: 95°F (35°C). Housing is Non-IC rated, must be kept at a minimum of 3" away from insulation.

### TRIM SPECIFICATION

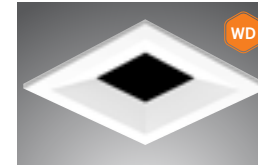
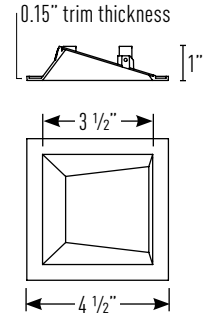
Aiming with locking 35° vertical and 90° turns (90, 180, 270 and 360). High quality trims are die-cast using A380 aluminum with durable powder coat available in multiple finishes. Architectural, discrete self flange or painted white flange options available. Trims available in 1" regress for greater visual comfort or 1/2" regress for consistent look throughout space.

### LISTING / WARRANTY

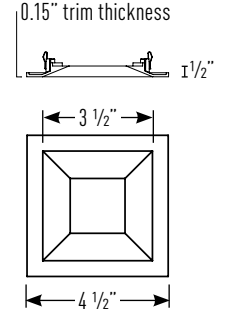
- 5-Year Intense LED Limited Warranty
- ETL listed to US and Canadian standards for damp locations



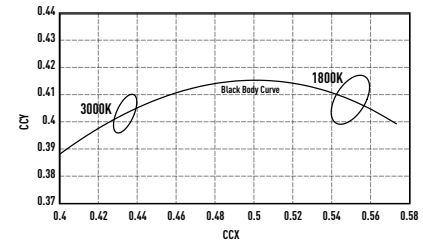
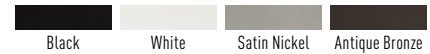
MXTG2-STRA300  
(1" Regress)



MXTG2-STRR300  
(1/2" Regress)



### Available Trim Finishes



### Housing Part Number (Example: MXRG2ASTR-NCWD1-DIM)

Housing	Installation Type	Wattage	Dimming	Voltage
MXRG2ASTR	-NC (Non-IC)	WD1 (13.5W) WD2 (16.5W)	DIM <sup>1</sup>	blank (120V Only)
			D101	27 (277V Only)
			ED10V1	
			ED10V01	
			LUT	
			DMXR <sup>2</sup>	

### Trim Part Number (Example: MXTG2-STRA300W-SFWD1NF)

Trim	Finish	Wattage	Optic
MXTG2-STRA300 (1" Regress)	W-SF	(White / Self Flanged)	NF (24° Narrow Flood)
	B-SF	(Black / Self Flanged)	FL (30° Flood)
MXTG2-STRR300 (1/2" Regress)	SN-SF	(Satin Nickel / Self Flanged)	WF (45° Wide Flood)
	SN-SFW <sup>3</sup>	(Satin Nickel / Self Flanged White)	
	AB-SF	(Antique Bronze / Self Flanged)	
	AB-SFW <sup>3</sup>	(Antique Bronze / Self Flanged White)	

### Notes:

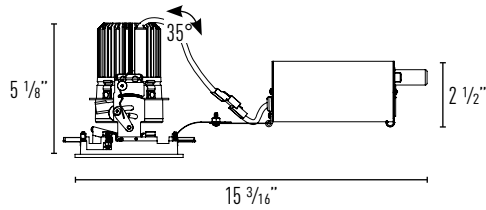
- Available in 120V only
- Not available with WD1
- Consult factory for lead times

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3.5" MX G2 Warm Dim LED Square Adjustable with Remodel Housing

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DRIVER: Non-Dimming / DELV / D10

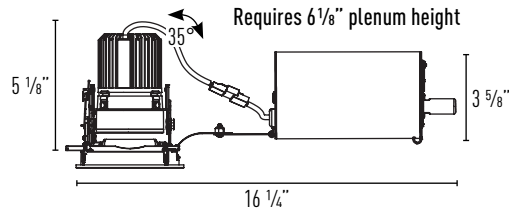


Ceiling Cut Out: 4 1/8"  
 Minimum Ceiling Thickness: 5/16"  
 Maximum Ceiling Thickness: 3/4"

### Fixture Aiming - Horizontal Adjustment

1" Regress Trims	90° turns	90° turns	Full 360°
1/2" Regress Trims	Full 360°	Full 360°	Full 360°

DRIVER: eldoLED / Lutron / DMX



Ceiling Cut Out: 4 1/8"  
 Minimum Ceiling Thickness: 5/16"  
 Maximum Ceiling Thickness: 3/4"

### Fixture Aiming - Horizontal Adjustment

1" Regress Trims	90° turns	90° turns	Full 360°
1/2" Regress Trims	Full 360°	Full 360°	Full 360°

## ACCESSORIES

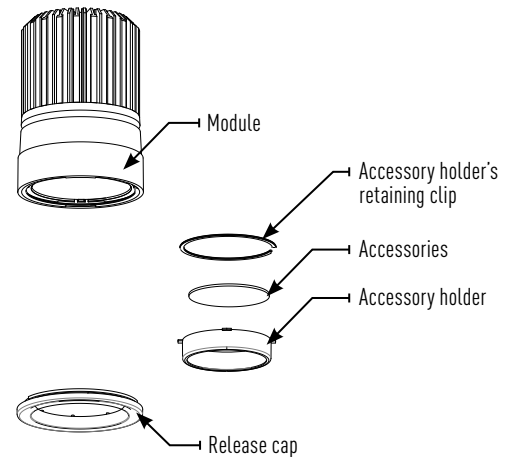
Luminaire will accommodate (2) accessories, accessory holder required.

## INSTALLATION

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.

### Accessories

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	(Soft Focus Lens)

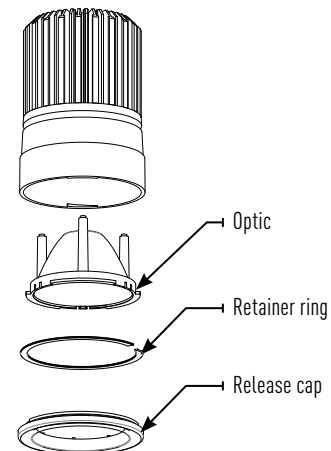


## OPTICS REPLACEMENT

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)



MX ADJUSTABLE REMODEL L/M-0316-26 P-14

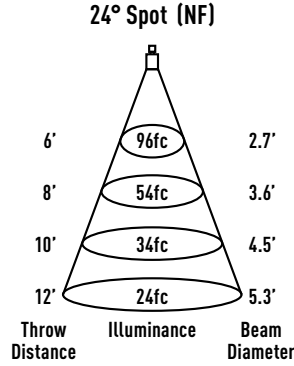
INTENSE LIGHTING | 725 Landwehr Road, Northbrook, IL 60062 | tel 714 630-9877 | fax 847 559-5505  
 For Intense Lighting's limited product warranty, go to [www.intenselighting.com](http://www.intenselighting.com). For a printed copy of the warranty, you may call 800 961-5321.  
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JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

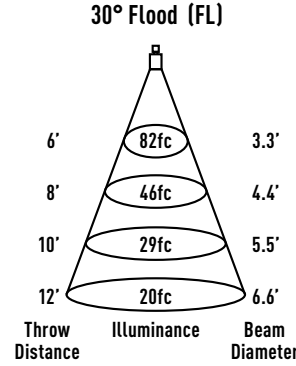
## MXTG2-STRA300WWD1

**REPORT #:**  
 ILL20181001-9.001 (24)  
 ILL20180917-17.001 (30)  
 ILL20180919-25.001 (45)

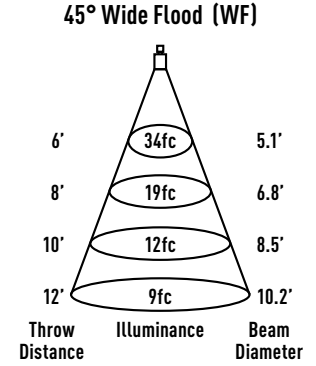
**TRIM MULTIPLIERS:**  
 MXTG2-STRD300 (x 1.00)  
 MXTG2-STRR300 (x 0.93)



**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

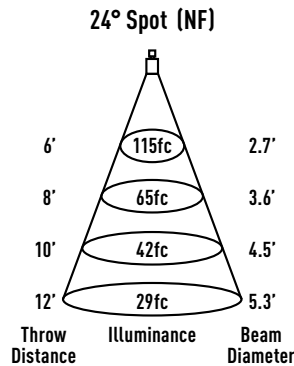
Intensity	
Degree	Candela
0°	2938
5°	2778
15°	1549
25°	415
35°	61
45°	10

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

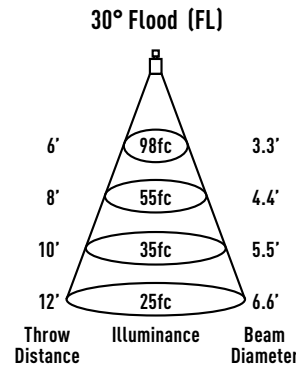
## MXTG2-STRA300WWD2

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 ILL20180917-17.002 (30)  
 ILL20180919-25.002 (45)

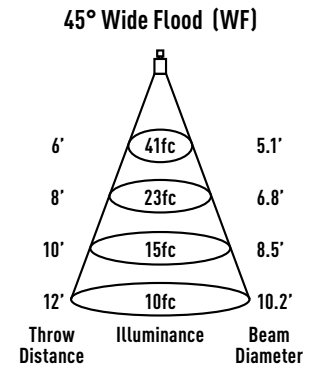
**TRIM MULTIPLIERS:**  
 MXTG2-STRD300 (x 1.00)  
 MXTG2-STRR300 (x 0.93)



**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