

MXRG2ASTR

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

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

ELECTRICAL DATA

LED Light Engine	System	CCT / CRI	Delivered Lumens **
WD1	13.5W	3000K-1800K / 92 CRI	800lm
WD2	16.5W	3000K-1800K / 92 CRI	1000lm

* 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

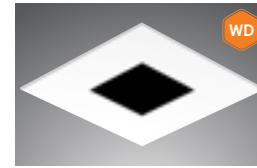
Aiming with locking 35° vertical and 90° turns (90, 180, 270 and 360). High quality trims are die-cast using A380 aluminum and finished with durable powder coat available in multiple finishes, black interior standard. Trims available in 1" regress for greater visual comfort or 1/2" regress for consistent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

ACCESSORIES

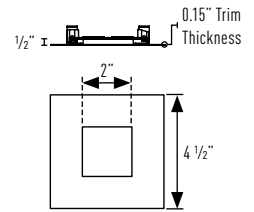
Luminaire will accommodate (2) accessories, accessory holder required, see page 2.

LISTING / WARRANTY

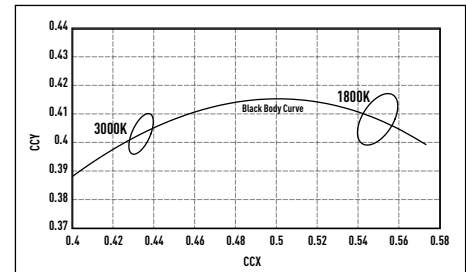
- 5-Year Intense LED Limited Warranty
- ETL listed to US and Canadian standards for damp locations



MXRG2-SFRR306
(1/2" Flat Mount)



Available Trim Finishes



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

Housing	Installation Type	Wattage	Dimming	Voltage
MXRG2ASTR	-NC (Non-IC)	WD1 (13.5W)	DIM ¹ (Phase Dimming)	blank (120V Only)
			D101 (0-10V Dimming 1%)	27 (277V Only)
		WD2 (16.5W)	ED10V1 (eldoLED 0-10V 1%)	
			ED10V01 (eldoLED 0-10V 0.1%)	
		LUT (Lutron® LDE1 EcoSystem 1%)		
DMXR ² (DMX512 RDM 0.1%)				

Trim Part Number (Example: MXTG2-SFRR306WWD1NF)

Trim	Finish	Wattage	Optic
MXTG2-SFRR306 (1/2" Flat Mount)	W (White)	WD1 (13.5W)	NF (24° Narrow Flood)
	B (Black)		FL (30° Flood)
	SN (Satin Nickel)	WD2 (16.5W)	WF (45° Wide Flood)
	AB (Antique Bronze)		

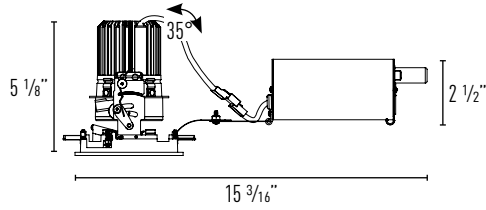
Notes:

- Available in 120V only
- Not available with WD1

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DRIVER: Non-Dimming / DELV / D10



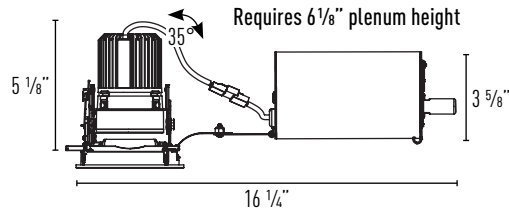
Ceiling Cut Out: 4 1/8"
 Minimum Ceiling Thickness: 5/16"
 Maximum Ceiling Thickness: 3/4"

JOB NAME		CATALOG NUMBER	
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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



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ACCESSORIES

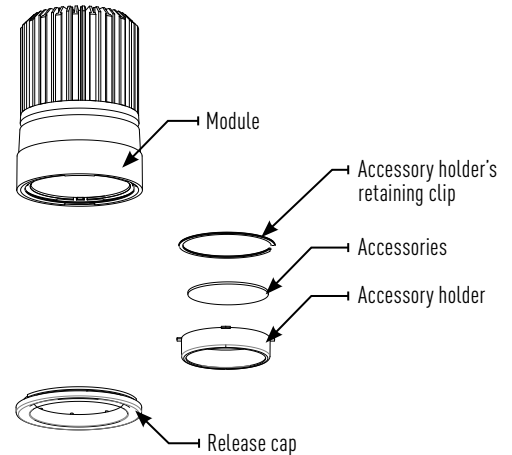
Luminaire will accommodate (2) accessories, accessory holder required.

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)

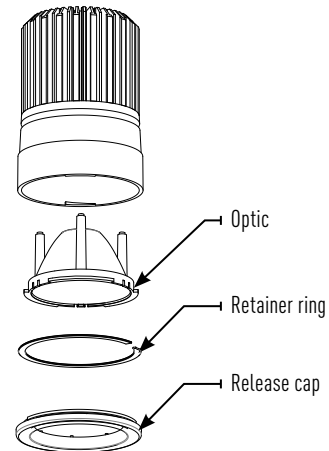


OPTICS REPLACEMENT

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-20

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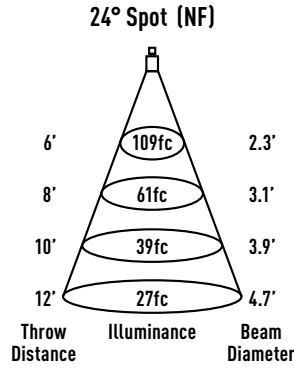
MXTG2-SFRR306WWD1

REPORT #:

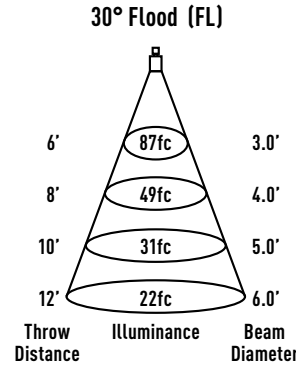
ILL20181001-11.001 (24)
 ILL20180917-19.001 (30)
 ILL20180919-27.001 (45)

TRIM MULTIPLIERS:

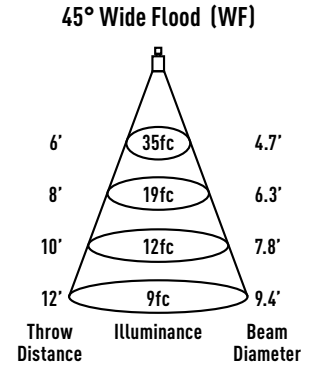
MXTG2-STRD306 (x 1.00)
 MXTG2-RFRR306 (x 1.00)



Watts: 13.5
 Lumens: 614
 LPW: 45
 CCT: 3000K



Watts: 13.5
 Lumens: 835
 LPW: 62
 CCT: 3000K



Watts: 13.5
 Lumens: 683
 LPW: 51
 CCT: 3000K

Intensity	
Degree	Candela
0°	3905
5°	3395
15°	833
25°	43
35°	6
45°	3

Intensity	
Degree	Candela
0°	3130
5°	2924
15°	1402
25°	282
35°	36
45°	3

Intensity	
Degree	Candela
0°	1245
5°	1218
15°	967
25°	441
35°	107
45°	4

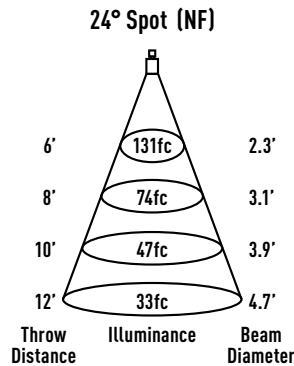
MXTG2-SFRR306WWD2

REPORT #:

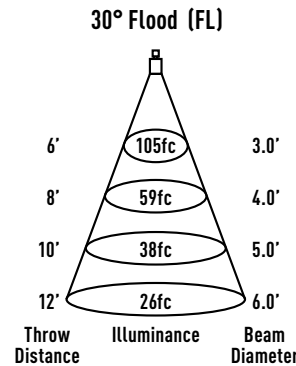
ILL20181001-11.002 (24)
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TRIM MULTIPLIERS:

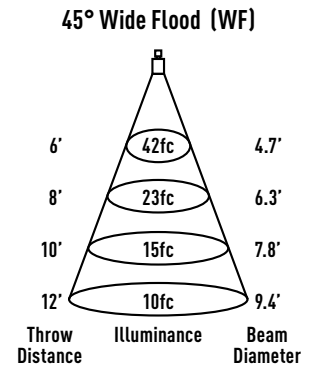
MXTG2-STRD306 (x 1.00)
 MXTG2-RFRR306 (x 1.00)



Watts: 16.4
 Lumens: 739
 LPW: 45
 CCT: 3000K



Watts: 16.4
 Lumens: 1006
 LPW: 61
 CCT: 3000K



Watts: 16.4
 Lumens: 823
 LPW: 50
 CCT: 3000K

Intensity	
Degree	Candela
0°	4705
5°	4091
15°	1004
25°	52
35°	7
45°	4

Intensity	
Degree	Candela
0°	3771
5°	3523
15°	1689
25°	340
35°	43
45°	3

Intensity	
Degree	Candela
0°	1500
5°	1468
15°	1165
25°	531
35°	129
45°	5