

MXRG2DSTR

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

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

- 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® LTEA2W 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. 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.

ACCESSORIES

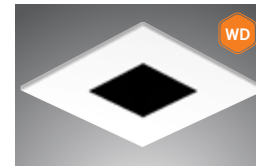
Luminaire will accommodate (2) accessories, accessory holder required, see page 2.

LISTING / WARRANTY

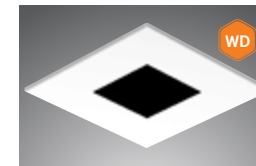
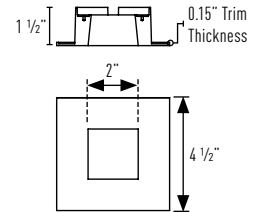
- 5-Year Intense LED Limited Warranty
- ETL listed to US and Canadian standards for damp locations



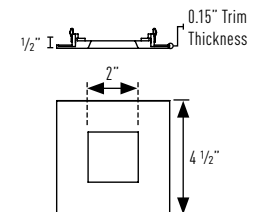
JOB NAME	CATALOG NUMBER
NOTES	TYPE



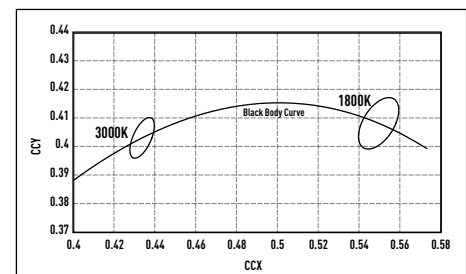
MXTG2-STRD306
(1 1/2" Regress)



MXTG2-STRR306
(1/2" Regress)



Available Trim Finishes



Housing Part Number (Example: MXRG2DSTR-NCWD1-DIM)

Housing	Installation Type	Wattage	Dimming	Voltage
MXRG2DSTR	-NC (Non-IC)	WD1 (13.5W) WD2 (16.5W)	DIM ¹ (Phase Dimming) D101 (0-10V Dimming 1%) ED10V1 (eldoLED 0-10V 1%) ED10V01 (eldoLED 0-10V 0.1%) LUT (Lutron® LDE1 EcoSystem 1%) LUT2 ¹ (Lutron® LTEA2W 2-Wire 1%) DMXR ² (DMX512 RDM 0.1%)	blank (120V) 27 (277V)

Trim Part Number (Example: MXTG2-STRD306WWD1NF)

Trim	Finish	Wattage	Optic
MXTG2-STRD306 (1 1/2" Regress)	B (Black) W (White)	WD1 (13.5W) WD2 (16.5W)	NF (24° Narrow Flood) FL (30° Flood)
MXTG2-STRR306 (1/2" Regress)	SN (Satin Nickel) AB (Antique Bronze) WH (Wheat)		WF (45° Wide Flood)

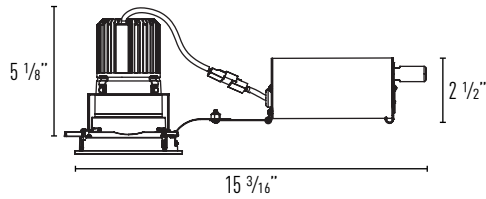
Notes:

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

MXRG2DSTR

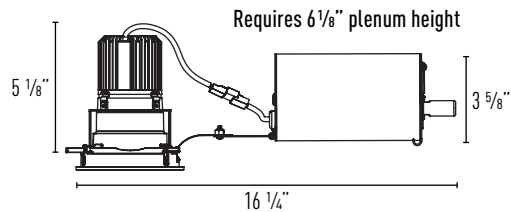
3.5" MX G2 Warm Dim LED Square Pinhole with Remodel Housing

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



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ACCESSORIES

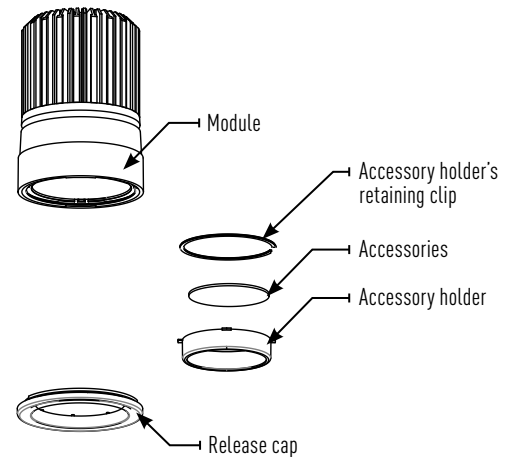
Luminaire will accommodate (2) accessories, accessory holder required.

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)

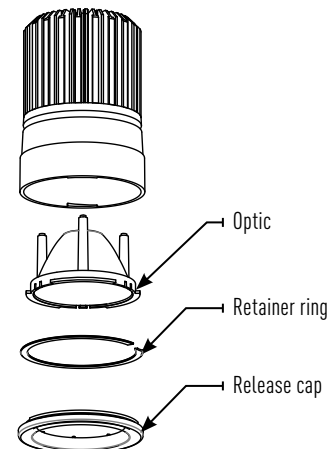


OPTICS REPLACEMENT

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 DOWNLIGHTING REMODEL L/M-0612-20 P-20

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.intenselightning.com. For a printed copy of the warranty, you may call 800 961-5321.

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NOTES		TYPE	

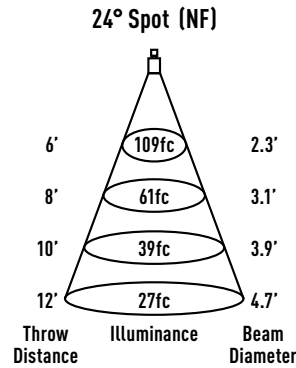
MXTG2-STRD306WWD1

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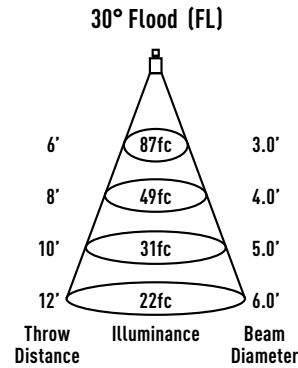
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ILL20180917-19.001 (30)
ILL20180919-27.001 (45)

TRIM MULTIPLIERS:

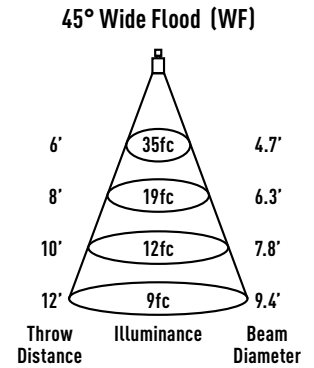
MXTG2-STRD306 (x 1.00)
MXTG2-STRR306 (x 1.00)



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

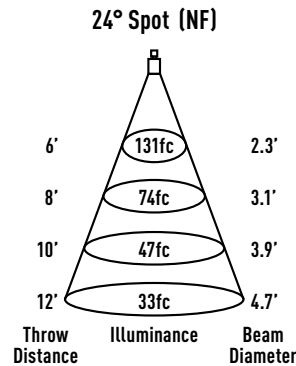
MXTG2-STRD306WWD2

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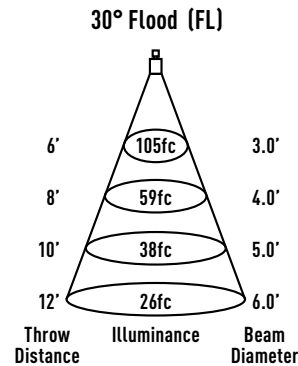
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TRIM MULTIPLIERS:

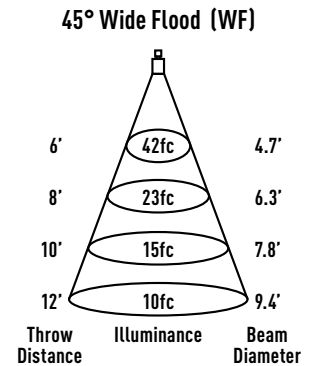
MXTG2-STRD306 (x 1.00)
MXTG2-STRR306 (x 1.00)



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