

# MXRG2DRTR

## 3.5" MX G2 Warm Dim LED 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 | 950lm               |

\* 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

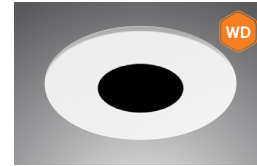
Luminaire will accommodate (2) accessories, accessory holder required, see page 2.

### LISTING / WARRANTY

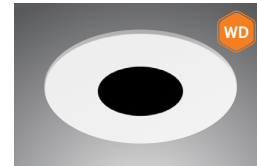
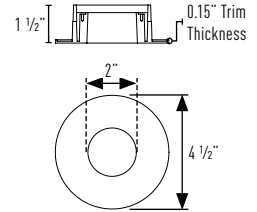
- 5-Year Intense LED Limited Warranty
- ETL listed to US and Canadian standards for damp locations



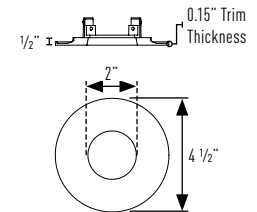
| JOB NAME | CATALOG NUMBER |
|----------|----------------|
| NOTES    | TYPE           |



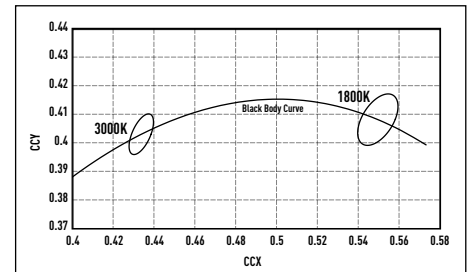
**MXRG2-RTRD306**  
(1 1/2" Regress)



**MXRG2-RTRR306**  
(1/2" Regress)



### Available Trim Finishes



### Housing Part Number (Example: MXRG2DRTR-NCWD1-DIM)

| Housing          | Installation Type   | Wattage                                  | Dimming  | Voltage                          |
|------------------|---------------------|--|--|----------------------------------|
| <b>MXRG2DRTR</b> | <b>-NC</b> (Non-IC) | <b>WD1</b> (13.5W)<br><b>WD2</b> (16.5W) | <b>DIM<sup>1</sup></b> (Phase Dimming)<br><b>D101</b> (0-10V Dimming 1%)<br><b>ED10V1</b> (eldoLED 0-10V 1%)<br><b>ED10V01</b> (eldoLED 0-10V 0.1%)<br><b>LUT</b> (Lutron® LDE1 EcoSystem 1%)<br><b>LUT2<sup>1</sup></b> (Lutron® LTEA2W 2-Wire 1%)<br><b>DMXR<sup>2</sup></b> (DMX512 RDM 0.1%) | blank (120V)<br><b>27</b> (277V) |

### Trim Part Number (Example: MXTG2-RTRD306BWD1NF)

| Trim                                     | Finish  | Wattage                                  | Optic   |
|--|---|--|---|
| <b>MXTG2-RTRD306</b><br>(1 1/2" Regress) | <b>B</b> (Black)<br><b>W</b> (White)  | <b>WD1</b> (13.5W)<br><b>WD2</b> (16.5W) | <b>NF</b> (24° Narrow Flood)<br><b>FL</b> (30° Flood) |
| <b>MXTG2-RTRR306</b><br>(1/2" Regress)   | <b>SN</b> (Satin Nickel)<br><b>AB</b> (Antique Bronze)<br><b>WH</b> (Wheat) |  | <b>WF</b> (45° Wide Flood)                            |

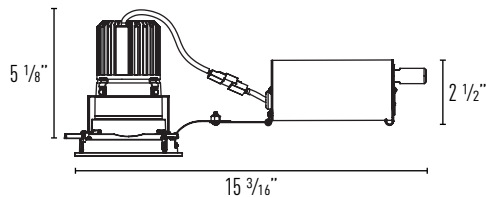
### Notes:

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

# MXRG2DRTR

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

**DRIVER:** Phase / D10V

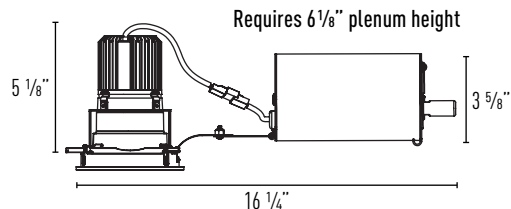


Ceiling Cut Out: 4 1/8"

Minimum Ceiling Thickness: 5/16"

Maximum Ceiling Thickness: 3/4"

**DRIVER:** eldoLED / Lutron / DMX



Ceiling Cut Out: 4 1/8"

Minimum Ceiling Thickness: 5/16"

Maximum Ceiling Thickness: 3/4"

### ACCESSORIES

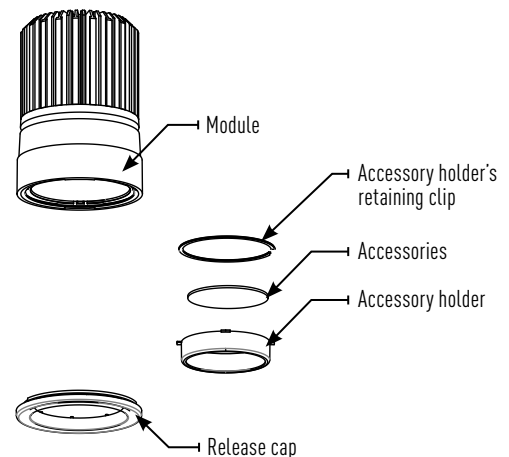
Luminaire will accommodate (2) accessories, accessory holder required.

### 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

|                 |                           |
|-----------------|---------------------------|
| <b>LH47</b>     | (Accessory Holder, Black) |
| <b>LH47W</b>    | (Accessory Holder, White) |
| <b>PFLMB-47</b> | (Hex Louver, Black)       |
| <b>PFL1-47</b>  | (Prismatic Spread Lens)   |
| <b>PFL2-47</b>  | (Linear Spread Lens)      |
| <b>PFL4-47</b>  | (Soft Focus Lens)         |

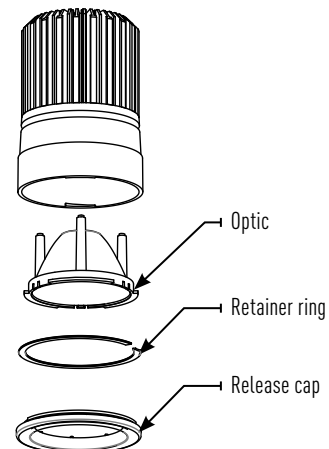


### OPTICS REPLACEMENT

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

|                  |                    |
|------------------|--------------------|
| <b>IP-OP4724</b> | (24° Narrow Flood) |
| <b>IP-OP4736</b> | (30° Flood)        |
| <b>IP-OP4750</b> | (45° Wide Flood)   |



MX DOWNLIGHTING REMODEL L/M-1111-19 P-8

**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](http://www.intenselightning.com). For a printed copy of the warranty, you may call 800 961-5321.

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|          |  |                |  |
|----------|--|----------------|--|
| JOB NAME |  | CATALOG NUMBER |  |
| NOTES    |  | TYPE           |  |

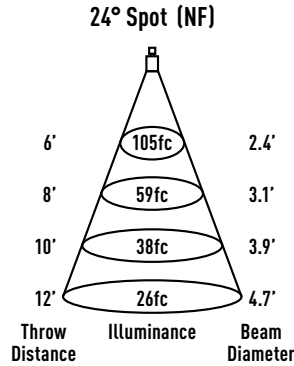
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### REPORT #:

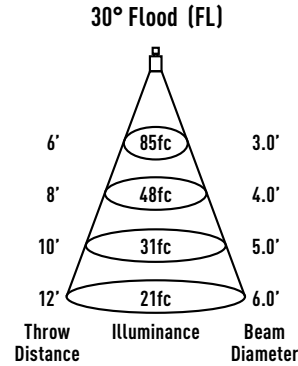
ILL20180913-12.001 (24)  
ILL20180917-3.001 (30)  
ILL20180919-3.001 (45)

### TRIM MULTIPLIERS:

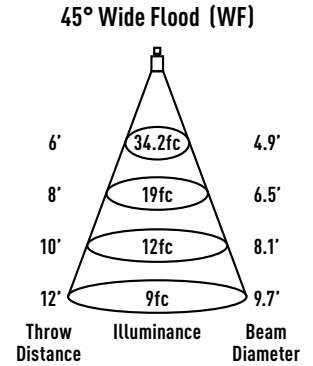
MXTG2-RTRD306 (x 1.00)  
MXTG2-RTRR306 (x 0.98)



Watts: 13.5  
Lumens: 593  
LPW: 44  
CCT: 3000K



Watts: 13.5  
Lumens: 767  
LPW: 57  
CCT: 3000K



Watts: 13.5  
Lumens: 687  
LPW: 51  
CCT: 3000K

| Intensity |         |
|-----------|---------|
| Degree    | Candela |
| 0°        | 3788    |
| 5°        | 3351    |
| 15°       | 894     |
| 25°       | 76      |
| 35°       | 9       |
| 45°       | 3       |

| Intensity |         |
|-----------|---------|
| Degree    | Candela |
| 0°        | 3060    |
| 5°        | 2927    |
| 15°       | 1329    |
| 25°       | 270     |
| 35°       | 37      |
| 45°       | 3       |

| Intensity |         |
|-----------|---------|
| Degree    | Candela |
| 0°        | 1233    |
| 5°        | 1208    |
| 15°       | 963     |
| 25°       | 458     |
| 35°       | 130     |
| 45°       | 12      |

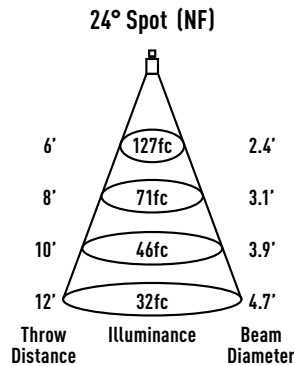
## MXTG2-RTRD306WWD2

### REPORT #:

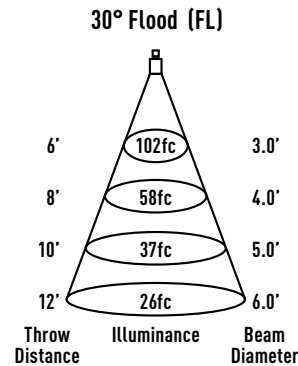
ILL20180913-12.002 (24)  
ILL20180917-3.002 (30)  
ILL20180919-3.002 (45)

### TRIM MULTIPLIERS:

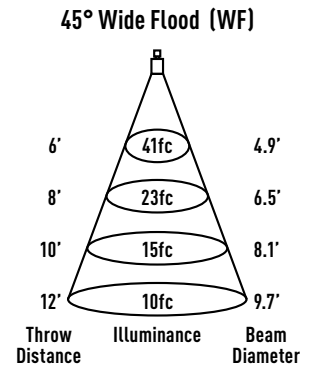
MXTG2-RTRD306 (x 1.00)  
MXTG2-RTRR306 (x 0.98)



Watts: 16.4  
Lumens: 715  
LPW: 44  
CCT: 3000K



Watts: 16.4  
Lumens: 960  
LPW: 59  
CCT: 3000K



Watts: 16.4  
Lumens: 828  
LPW: 50  
CCT: 3000K

| Intensity |         |
|-----------|---------|
| Degree    | Candela |
| 0°        | 4564    |
| 5°        | 4037    |
| 15°       | 1077    |
| 25°       | 91      |
| 35°       | 11      |
| 45°       | 4       |

| Intensity |         |
|-----------|---------|
| Degree    | Candela |
| 0°        | 3687    |
| 5°        | 3527    |
| 15°       | 1601    |
| 25°       | 326     |
| 35°       | 44      |
| 45°       | 3       |

| Intensity |         |
|-----------|---------|
| Degree    | Candela |
| 0°        | 1485    |
| 5°        | 1455    |
| 15°       | 1160    |
| 25°       | 552     |
| 35°       | 157     |
| 45°       | 15      |