

MXG2ARTR

3.5" MX G2 Tunable White Pinhole

ELECTRICAL DATA

| LED Light Engine | System Wattage * | CCT / CRI | Delivered Lumens ** | Lumens Per Watt |
|------------------|------------------|----------------|---------------------|-----------------|
| TW05 | 8W | 3500K / 92 CRI | 500lm | 62.5 lm/W |
| TW0 | 11W | 3500K / 92 CRI | 750lm | 68.2 lm/W |
| TW1 | 17W | 3500K / 92 CRI | 1000lm | 58.8 lm/W |

System Wattage includes driver and LED Module consumption. | **Delivered lumens will vary depending on trim, CCT, CRI, optic and ceiling thickness

FEATURES

- Multiple architectural trim options
- Field changeable 14°, 26°, 30° or 45° optics

LED LIGHT ENGINE

- Tuning range from 2700K-6500K at a minimum of 92 CRI
- 3 SDCM binning throughout the tunable CCT range
- Wattage: 8W to 17W
- Rated life of >50,000 hours L70 based on LED testing per LM-80-08 and projected values using IESNA TM21-11

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

- eldoLED Dual Drive 2CH 0-10V 0.1% (Remote Only)
- Lutron T-Series 1% 2CH tunable white driver (Remote Only)
- DMX512 RDM 8-bit 0.1% (Remote Only)
- eldoLED Dual Drive DALI (DT6/DT8) 0.1%

HOUSING

- Heavy duty black powder coated 18 gauge steel frame
- Standard housing accommodates 5/8" ceiling thickness
- Extended collar options available for ceilings up to 1" or 2" thick, must specify either EC1 or EC2 (EC1/EC2 Not available with Chicago Plenum)

TRIM SPECIFICATION

Aiming with locking 35° vertical and 360° horizontal adjustment. 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.

INSTALLATION

Housing types include IC Air-Tight, CCEA (Chicago Plenum), or Non-IC Rated (must specify). Non-IC rated housings must be kept at a minimum of 3" away from insulation. Butterfly brackets are compatible with C-channel, adjustable bar hangers (14"-25") and EMT. C-channel is recommended for T-bar ceilings. Bar hangers must be ordered separately. Maximum ambient temperature: 95°F (35°C)

REMOTE BOX

- Remote box included when required by specification
- Galvanized steel construction
- Separate line voltage and low voltage wiring compartments
- 50ft remote distance maximum

ACCESSORIES

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

LISTING / WARRANTY

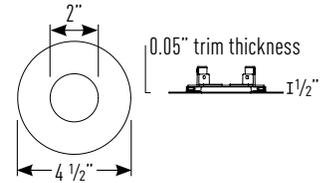
- 5-Year Intense LED Limited Warranty
- ETL listed to US and Canadian standards for damp locations
- (-IC/-CP Only) Air-Tight Certified ASTM E283
- (-IC/-CP Only) ETL listed for direct contact w/insulation
- (-CP Only) CCEA Chicago Plenum



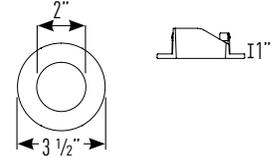
| JOB NAME | CATALOG NUMBER |
|----------|----------------|
| NOTES | TYPE |



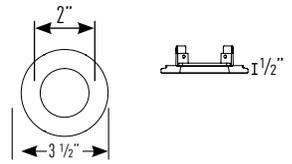
MXTG2-RFRR306
(1/2" Flat Mount)



MXTG2-RTLA306
(1" Regress Trimless)



MXTG2-RTL306
(1/2" Regress Trimless)



Housing Part Number (Example: MXG2ARTR-NCTW05-ED10V01)

| Housing Type | Ceiling Thickness | Wattage | Dimming | Voltage |
|--|-------------------|------------------|---|---|
| MXG2ARTR-NC (Non-IC) | blank (5/8") | TW05 (8W) | -ED10V01¹ (eldoLED Dual Drive 2CH 0-10V 0.1%) | blank (Non-IC: 120V; -IC/-CP: 120V/277V) |
| MXG2ARTR-IC (Air-Tight IC) | EC1 (1") | TW0 (11W) | -LUTT¹ (Lutron® T Series 1%) | 27 (277V Non-IC Only; |
| MXG2ARTR-CP (Chicago Plenum) | EC2 (2") | TW1 (17W) | -DMXR¹ (DMX512 RDM 8-bit 0.1%) | For -IC/-CP housing options use blank) |
| | | | -DALI6² (eldoLED Dual Drive DALI DT6 0.1%) | |
| | | | -DALI8² (eldoLED Dual Drive DALI DT8 0.1%) | |

Trim Part Number (Example: MXTG2-RFRR306W-SFTWSP)

| Trim | Trim Finish | Trim Type | CCT Range | Optic |
|---|--|--|-------------------------|---------------------|
| MXTG2-RFRR306 (1/2 Regress Trimmed) | W (White) | -SF (Self Flanged) | TW (2700K-6500K) | SP (14° SP) |
| MXTG2-RTLA306³ (1/2" Regress Trimless) | B⁴ (Black) | -SFW⁴ (Self Flanged White) | | NF (26° NFL) |
| MXTG2-RFRR306 (1/2" Flat Mount) | SN⁴ (Satin Nickel) | blank ³ (Trimless, for use with mud ring only) | | FL (30° FL) |
| | AB⁴ (Antique Bronze) | | | WF (45° WFL) |

Notes:

- AIC or CP only, Remote Box Required
- Not Available with AIC or CP in TW1
- Trimless options are for use with mud ring accessory only
- Consult factory for lead times

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) |

Bar Hangers

| | |
|-------------|--------------------------|
| 1100 | (C-Channel Bar Hangers) |
| 1200 | (Flat Bar Hangers) |
| 1400 | (Wood Joist Bar Hangers) |

Mud Ring

| | |
|---------------------------|---------------------------|
| MXR-MR¹ | (Round Trimless Mud Ring) |
|---------------------------|---------------------------|

MX ADJUSTABLE L/M-0214/25 P-7

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

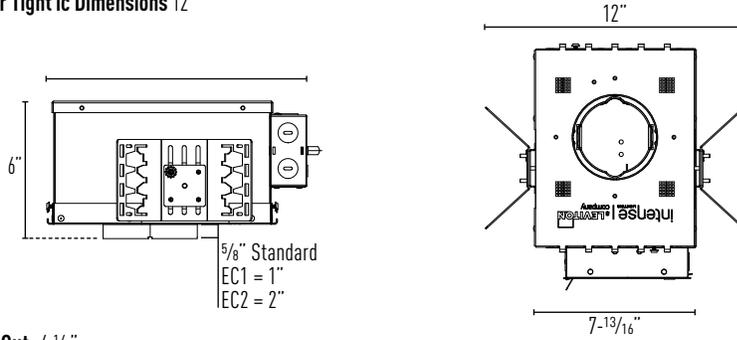
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| | | | |
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| NOTES | | TYPE | |

Non-IC & Air Tight ic Dimensions 12"

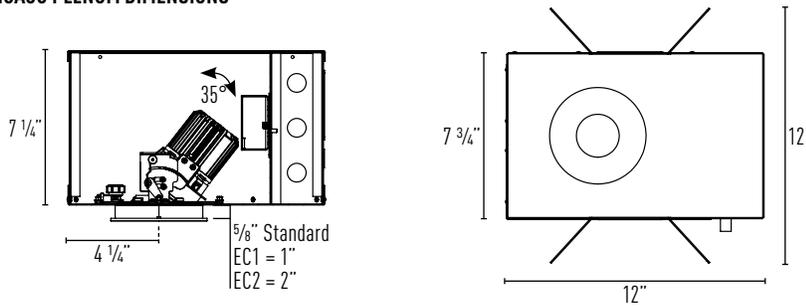


Plaster Frame Accommodation

| Collar Type | Standard | EC1 | EC2 |
|-----------------------|------------|----------|----------|
| Max Ceiling Thickness | Up-to 5/8" | Up-to 1" | Up-to 2" |

Ceiling Cut Out: 4 1/8"

CCEA CHICAGO PLENUM DIMENSIONS

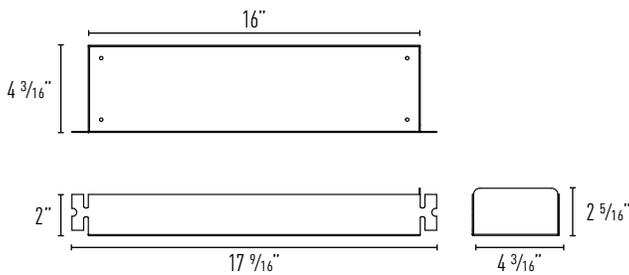


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REMOTE MOUNTED DRIVER OPTIONS



Remote Driver Box For

eldoLED Dual Drive 2CH 0-10V 0.1%
Lutron T-Series 1% 2CH tunable white driver
DMX512 RDM 8-bit 0.1%

Note: Wires for class 2 LED driver require a minimum of 18 AWG wire at a maximum of 50 feet length per local and national electrical regulations.

| Lumen Package | System Wattage | | |
|---------------|----------------|------|------|
| | CCT | 120V | 277V |
| TW05 (500lm) | 2700K | 8W | 10W |
| | 3500K | 8W | 9W |
| | 6000K | 7W | 8W |
| TW0 (750lm) | 2700K | 13W | 14W |
| | 3500K | 11W | 12W |
| | 6000K | 10W | 12W |
| TW1 (1000lm) | 2700K | 21W | 22W |
| | 3500K | 17W | 18W |
| | 6000K | 16W | 17W |

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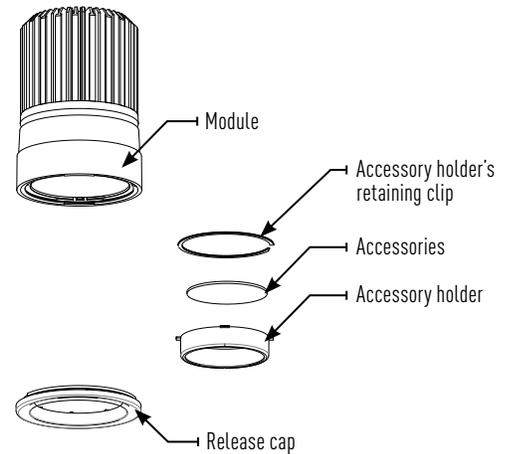
Luminaire will accommodate (2) accessories, accessory holder required.

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-OP4712 | (14° Spot) |
| IP-OP4724 | (26° Narrow Flood) |
| IP-OP4736 | (30° Flood) |
| IP-OP4750 | (45° Wide Flood) |

