# MXG2ASTL
## 3.5" MX G2 LED Square Trimless Adjustable with beam Wireless Optical Control

## ELECTRICAL DATA

| LED Light Engine | System Wattage * | CCT / CRI | Delivered Lumens ** | Lumens Per Watt |
|---|---|---|---|---|
| L0 | 11W | 3000K / 82 CRI | 650lm | 59 |
| L1 | 17W | 3000K / 82 CRI | 1000lm | 59 |
| L2 | 22W | 3000K / 82 CRI | 1250lm | 57 |
| L3 | 28W | 3000K / 82 CRI | 1450lm | 52 |

\* System wattage includes driver and LED module consumption.
\*\* Delivered lumens will vary depending on trim, CCT, CRI, optic and ceiling thickness

### FEATURES
- Digital beam shaping from spot to flood via Bluetooth mobile app or wired 0-10V dimming control
- App Interface enables individual luminaire control allowing features such as templates and project profiles

### LED LIGHT ENGINE
- 92 CRI & 82 CRI in 2700K, 3000K, 3500K and 4100K with 2SDCM binning
- 50,000 hours L70 (rated life at 70% output)

### ELECTRICAL SYSTEM
- Multiple dimming drivers available
- 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%
- EldoLED 0-10V  0.1% or 1%

### HOUSING
Heavy duty black powder coated 18 gauge steel frame. Standard plaster frame accommodates ⅝" ceiling thickness. Extended collar options available for ceilings up to 1" or 2" thick, must specify either EC1 or EC2.

### TRIM SPECIFICATION
- Locking 35° vertical and 360° horizontal adjustment (1/2" regress trims only). 90° turns with 1" regressed trims
- High quality A380 aluminum die-cast trims

### INSTALLATION
Housing types include IC Air-Tight, 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 adjustable bar hangers (14"-25") and EMT. Bar hangers must be ordered separately. Max. ambient temperature: 95°F (35°C).
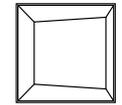
### LISTING / WARRANTY
- 5-Year Intense LED Limited Warranty
- ETL listed to US and Canadian standards for damp locations
- (-IC only) Air-Tight Certified ASTM E283
- (-IC only) ETL listed for direct contact w/insulation

Available finishes

| B | W | SN | AB | WH |
|---|---|---|---|---|
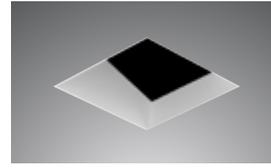

MXTG2-STLA300
(1" Regress)

3 ½"

Housing dimensions are on Page 2

## Housing Part Number  (Example: MXG2ASTL-ICL1D101DB)

| Housing | Installation Type | Ceiling Thickness | Wattage | Dimming | | Voltage | Optic |
|---|---|---|---|---|---|---|---|
| MXG2ASTL | -NC (Non-IC) | blank (⅝") | L0 (11W) | D101 | (0-10V Dimming 1%) | blank (120V) | DB (beam Wireless Optical Control) |
| | -IC (Air-Tight IC) | EC1 (1") | L1 (17W) | ED10V1[2] | (eldoLED 0-10V 1%) | 27 (277V) | |
| | | EC2 (2") | L2 (22W) | ED10V01[2] | (eldoLED 0-10V 0.1%) | | |
| | | | L3[1] (28W) | | | | |

## Trim Part Number  (Example: MXTG2-STLA300WL130DB)

| Trim | Finish | Wattage | CCT / CRI | Optic |
|---|---|---|---|---|
| MXTG2-STLA300 (1" Regress) | B (Black) | L0 (11W) | 27 (2700K / 82 CRI) | DB (beam Wireless Optical Control) |
| | W (White) | L1 (17W) | 279 (2700K / 92 CRI) | |
| | SN (Satin Nickel) | L2 (22W) | 30 (3000K / 82 CRI) | |
| | AB (Antique Bronze) | L3[1] (28W) | 309 (3000K / 92 CRI) | |
| | WH (Wheat) | | 35 (3500K / 82 CRI) | |
| | | | 359 (3500K / 92 CRI) | |
| | | | 41 (4100K / 82 CRI) | |
| | | | 419 (4100K / 92 CRI) | |

### Accessories
| I100 | (C-Channel Bar Hangers) |
|---|---|
| I200 | (Flat Bar Hangers) |
| I400 | (Wood Joist Bar Hangers) |

Notes:
1. Available in Non-IC housing only
2. Not Available in L3

# MXG2ASTL

3.5″ MX G2 LED Square Trimless Adjustable with beam Wireless Optical Control

## NON-IC & AIR TIGHT IC DIMENSIONS

5 ³/₈″

35°

4 ¼″

⅝″ Standard
EC1 = 1″
EC2 = 2″

Ceiling Cut Out: 4 ⅛″

7 ³/₄″

12″

12″
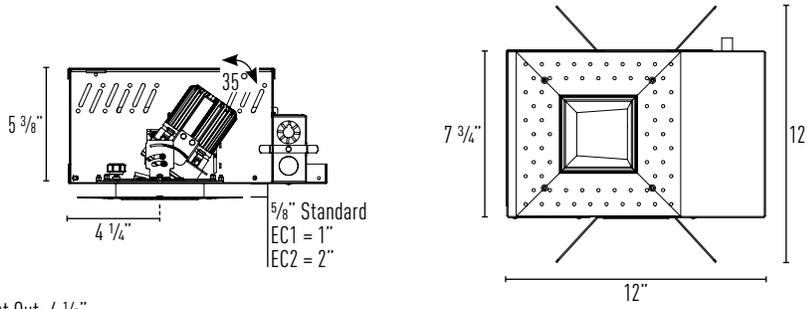
### Plaster Frame Accommodation

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

### Fixture Aiming - Horizontal Adjustment

| | Standard | EC1 | EC2 |
|---|---|---|---|
| **1″ Regress Trims** | 90° turns | 90° turns | Full 360° |
| **½″ Regress Trims** | Full 360° | Full 360° | Full 360° |

intense LIGHTING | a LEVITON company

# MX

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

## MXTG2-STLA300WL330DO

Report #:      ILL-20181129-1 (12)
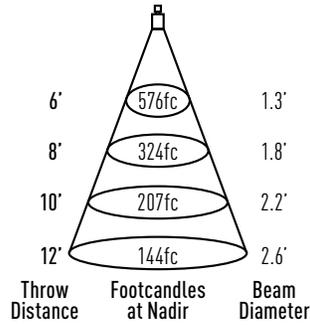               ILL-20181129-5 (50)

**MXTG2-STLA300**
Ceiling Thickness Multipliers:
5/8" Thickness   (x 1.00)
1" Thickness     (x 0.90)
2" Thickness     (x 0.80)

**CCT MULTIPLIERS:**

| | 82 CRI | 92 CRI |
|---|---|---|
| 2700K | (x 0.93) | (x 0.76) |
| 3000K | (x 1.00) | (x 0.87) |
| 3500K | (x 1.00) | (x 0.87) |
| 4100K | (x 1.00) | (x 0.87) |

### 14° Spot

| Throw Distance | Footcandles at Nadir | Beam Diameter |
|---|---|---|
| 6' | 576fc | 1.3' |
| 8' | 324fc | 1.8' |
| 10' | 207fc | 2.2' |
| 12' | 144fc | 2.6' |

Watts: 25.8
Lumens: 1145
LPW: 44
CCT: 3000K

#### Candelas at Nadir

| Degree | CBCP |
|---|---|
| 0° | 20738 |
| 5° | 13332 |
| 15° | 1055 |
| 25° | 243 |
| 35° | 97 |
| 45° | 28 |

### 55° Wide Flood

| | Footcandles at Nadir | |
|---|---|---|
| 6' | 40.7fc | |
| 8' | 22.9fc | |
| 10' | 14.7fc | |
| 12' | 10.2fc | |
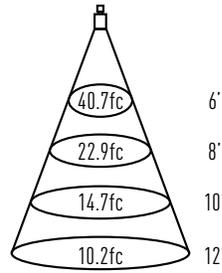
Watts: 25.8
Lumens: 1038
LPW: 40
CCT: 3000K

#### Candelas at Nadir

| Degree | CBCP |
|---|---|
| 0° | 1465 |
| 5° | 1409 |
| 15° | 1175 |
| 25° | 843 |
| 35° | 480 |
| 45° | 188 |

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