

MXG2ASTR

3.5" MX G2 LED Square Adjustable Wood Ceiling

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

ELECTRICAL DATA

| LED LIGHT ENGINE | System Wattage * | CCT / CRI | Delivered Lumens ** | Lumens Per Watt |
|------------------|------------------|----------------|---------------------|-----------------|
| L0 | 10W | 3000K / 82 CRI | 900lm | 90 |
| L1 | 16W | 3000K / 82 CRI | 1250lm | 78 |
| L2 | 20W | 3000K / 82 CRI | 1450lm | 73 |
| L3 | 26W | 3000K / 82 CRI | 1800lm | 69 |

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

FEATURES

- Multiple architectural trim options
- High center beam spot up to 24,500 CBCP
- Dedicated 9° with field changeable 12°, 24°, 36° & 50° optics

LED LIGHT ENGINE

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

ELECTRICAL SYSTEM

- (Non-IC) Dedicated voltage options of 120V or 277V. Must be specified in catalog code.
- (-IC/-CP) Universal 120V/277V input
- 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%
- Forward/reverse dimming 1% (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

- 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

TRIM SPECIFICATION

Aiming with locking 35° vertical and 360° horizontal adjustment with 1/2" regress. See fixture aiming chart on page 2. 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.

INSTALLATION

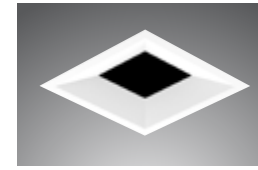
Housing types include IC Air-Tight or Non-IC Rated (must specify). Non-IC rated housings must be kept at a minimum of 3" away from insulation. Butterfly brackets are compatible with C-channel, adjustable bar hangers (14"-25") and EMT. C-channel is recommended for T-bar ceilings. Bar hangers must be ordered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

EMERGENCY BACKUP

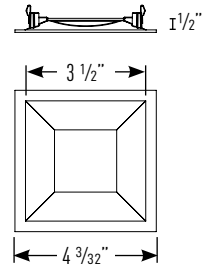
Remote test switch included. External battery operates LED load at a minimum of 500 to 850 lumens for 90 minutes, depending on backup wattage selected. See trim multipliers for detailed performance. Servicing requires above ceiling access.

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
- ENERGY STAR® Qualified¹
- Can be used to comply with 2016 Title 24, Part 6, JA8 high efficacy LED light source requirements²



MXTG2-SWLR300
(1/2" Regress)



Recommended 4 1/8" precision routing fitment of wood trim; using a hole saw may result in improper fitment, uneven gaps and/or light leak

Housing dimensions are on Page 2

Available Trim Finishes



Housing Part Number (Example: MXG2ASTR-ICL1)

| Housing | Installation Type | Ceiling Thickness | Wattage | Dimming | Voltage | Options |
|----------|--------------------|----------------------------|----------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------|
| MXG2ASTR | -NC (Non-IC) | blank (5/8") | L0 (10 Watts) | blank (Non-Dimming) | blank (Non-IC: 120V | I100 (C-Channel Bar Hangers) |
| | -IC (Air-Tight IC) | EC1 (1") | L1 (16 Watts) | DELV ⁴ (Phase Dimming) | -IC: 120V/277V) | I200 (Flat Bar Hangers) |
| | | EC2 (2") | L2 (20 Watts) | D101 (0-10V Dimming 1%) | 27 (277V Non-IC Only, for -IC housing options use blank) | I400 (Wood Joist Bar Hangers) |
| | | L3 ³ (26 Watts) | ED10V1 ⁵ (eldoLED 0-10V 1%) | -EM7⁸ (7W Emergency Backup IOTA Part #ILB-CP07-A) | | |
| | | | ED10V01 ⁵ (eldoLED 0-10V 0.1%) | | -EM12^{8,9} (12W Emergency Backup IOTA Part #ILB-CP12-A) | |
| | | | LUT ⁶ (Lutron® LDE1 EcoSystem 1%) | | | |
| | | | DMXR ⁸ (DMX512 RDM 0.1%) | | | |

Trim Part Number (Example: MXTG2-SWLR300WL13024)

| Trim | Finish | Wattage | CCT / CRI | Optic |
|---------------------------------|---------------------|----------------------------|----------------------|-----------------------------------|
| MXTG2-SWLR300 (1/2" Regress) | W (White) | L0 (10 Watts) | 27 (2700K / 82 CRI) | 09 ¹⁰ (9° Narrow Spot) |
| | B (Black) | L1 (16 Watts) | 279 (2700K / 92 CRI) | 12 (12° Spot) |
| | SN (Satin Nickel) | L2 (20 Watts) | 30 (3000K / 82 CRI) | 24 (24° Narrow Flood) |
| | AB (Antique Bronze) | L3 ³ (26 Watts) | 309 (3000K / 92 CRI) | 36 (36° Flood) |
| | | | 35 (3500K / 82 CRI) | 50 (50° Wide Flood) |
| | | 359 (3500K / 92 CRI) | | |
| | | 41 (4100K / 82 CRI) | | |
| | | 419 (4100K / 92 CRI) | | |

Notes:

- ENERGY STAR® Qualified (White reflectors only; Excludes: L2, L3, 92 CRI & 9° options)
- Excludes: L2, L3, 82 CRI & 9° options
- L3 available with Non-IC housings only
- Available in 120V only
- Not Available in L3
- Not Available in L2 & L3
- DMX512 RDM not available in L0 & L1
- Access above ceiling required
- Not available in L0
- 9° NS available in 279 with L0 or L1 Only

MX WOOD CEILING L/M-1003.23 P-57

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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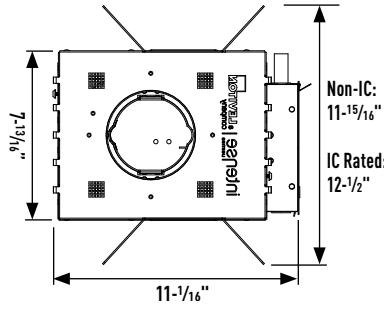
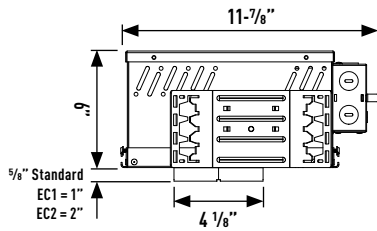


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| NOTES | | TYPE | |

NON-IC & AIR TIGHT IC DIMENSIONS



Plaster Frame Accommodation

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

Ceiling Cut Out: 4 1/8"

ACCESSORIES

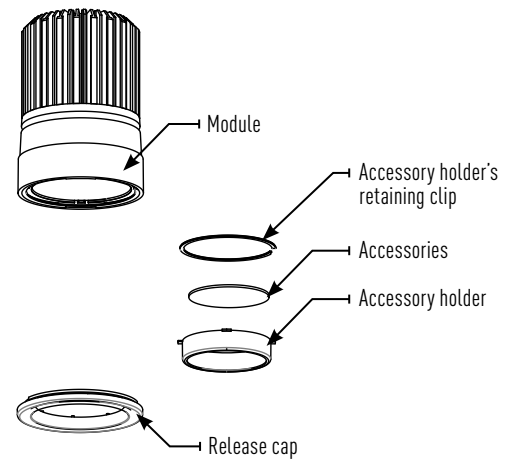
Luminaire will accommodate (2) accessories, accessory holder required.

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)

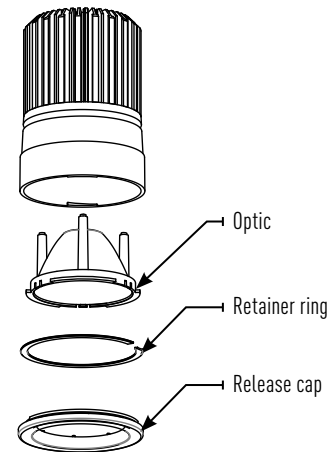


OPTICS REPLACEMENT

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-OP4712 (12° Spot)
- IP-OP4724 (24° Narrow Flood)
- IP-OP4736 (36° Flood)
- IP-OP4750 (50° Wide Flood)



| | | | |
|----------|--|----------------|--|
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| NOTES | | TYPE | |

MXTG2-STRA300WLO

Report #: ILL-02222016-01.3 (12)
 ILL-02222016-02.3 (24)
 ILL-02222016-03.3 (36)
 ILL-02222016-04.3 (50)

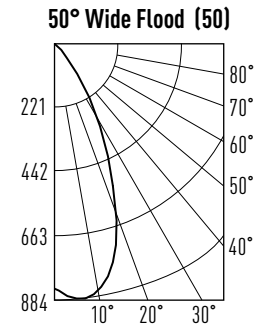
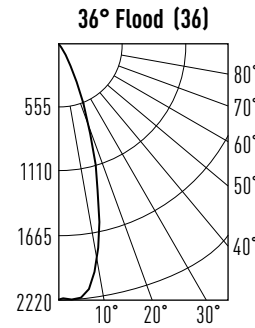
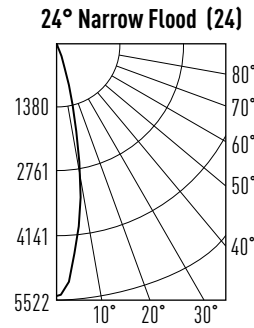
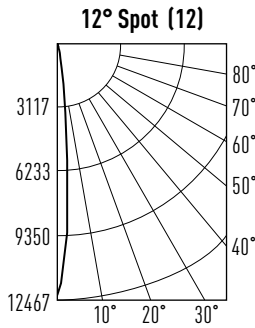
MXTG2-SWLR300
 Ceiling Thickness Multipliers:
 5/8" Thickness (x 0.91)
 1" Thickness (x 0.73)
 2" Thickness (x 0.55)

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) |

EMERGENCY MULTIPLIER:

7W Emergency (x 0.70)



Watts: 10
 Lumens: 857
 LPW: 86
 CCT: 3000K

Watts: 10
 Lumens: 902
 LPW: 90
 CCT: 3000K

Watts: 10
 Lumens: 851
 LPW: 85
 CCT: 3000K

Watts: 10
 Lumens: 726
 LPW: 73
 CCT: 3000K

Candelas at Nadir

| Degree | Candela |
|--------|---------|
| 0° | 12158 |
| 5° | 4706 |
| 15° | 428 |
| 25° | 107 |
| 35° | 36 |
| 45° | 5 |

Candelas at Nadir

| Degree | Candela |
|--------|---------|
| 0° | 5419 |
| 5° | 4521 |
| 15° | 1351 |
| 25° | 165 |
| 35° | 21 |
| 45° | 3 |

Candelas at Nadir

| Degree | Candela |
|--------|---------|
| 0° | 2213 |
| 5° | 2205 |
| 15° | 1313 |
| 25° | 397 |
| 35° | 80 |
| 45° | 8 |

Candelas at Nadir

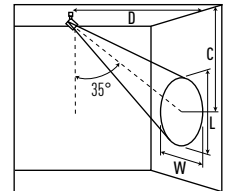
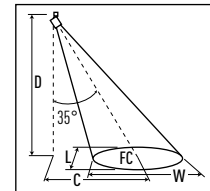
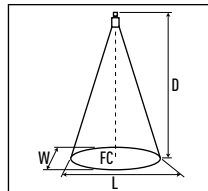
| Degree | Candela |
|--------|---------|
| 0° | 844 |
| 5° | 882 |
| 15° | 779 |
| 25° | 445 |
| 35° | 180 |
| 45° | 48 |

APPLICATION DATA:

W and **L** are the outer points where the candle power drops to 50% of maximum. **FC** are the initial foot candles at the center of the beam.

- W** Beam width
- L** Beam length
- C** Distance to center of beam
- D** Distance
- FC** Footcandles

Illuminated width & length are based upon point at which illuminance falls to 50% of center illuminance. Recommended spacing is based upon uniform illuminance aiming angle is the angle between the lamp axis and the perpendicular to the illuminated plane.



| | 0° HORIZONTAL | | | | 35° HORIZONTAL | | | | 35° VERTICAL | | | | | |
|--------------------------------------------------------------------|---------------|------|------|------|----------------|---|------|-------|--------------|----|---|------|------|------|
| | D | FC | W | L | D | C | FC | W | L | D | C | FC | W | L |
| MXTG2-STRA300WLO 3000K 12° Spot | 6' | 338 | 1.3 | 1.4 | 6' | 4 | 198 | 1.98 | 1.49 | 3' | 4 | 317 | 1.15 | 2.42 |
| | 8' | 190 | 1.8 | 1.8 | 8' | 5 | 118 | 2.58 | 2.1 | 4' | 6 | 198 | 1.49 | 2.96 |
| | 10' | 122 | 2.2 | 2.3 | 10' | 6 | 74.4 | 3.13 | 2.67 | 5' | 7 | 129 | 1.89 | 3.48 |
| | 12' | 84.4 | 2.7 | 2.7 | 12' | 7 | 51 | 3.82 | 3.19 | 6' | 9 | 87.9 | 2.55 | 4.24 |
| MXTG2-STRA300WLO 3000K 24° Narrow Flood | 6' | 151 | 2.4 | 2.2 | 6' | 4 | 87.8 | 3.2 | 2.64 | 3' | 4 | 169 | 1.78 | 3.22 |
| | 8' | 84.7 | 3.2 | 3 | 8' | 5 | 50.6 | 4.19 | 3.35 | 4' | 5 | 93.7 | 2.5 | 4.28 |
| | 10' | 54.2 | 4 | 3.7 | 10' | 6 | 32.6 | 5.22 | 4.16 | 5' | 7 | 59.4 | 3.15 | 5.36 |
| | 12' | 37.6 | 4.8 | 4.4 | 12' | 6 | 22.7 | 6.24 | 5.03 | 6' | 8 | 42.2 | 3.65 | 6.31 |
| MXTG2-STRA300WLO 3000K 36° Flood | 6' | 61.5 | 3.9 | 3.5 | 6' | 3 | 39.4 | 4.6 | 3.63 | 3' | 3 | 74.6 | 2.76 | 4 |
| | 8' | 34.6 | 5.2 | 4.7 | 8' | 4 | 22.1 | 6.16 | 5.01 | 4' | 5 | 42.2 | 3.46 | 5.34 |
| | 10' | 22.1 | 6.5 | 5.8 | 10' | 5 | 14.2 | 7.67 | 6.27 | 5' | 6 | 27.8 | 4.33 | 6.47 |
| | 12' | 15.4 | 7.8 | 7 | 12' | 6 | 9.8 | 9.21 | 7.48 | 6' | 7 | 19.5 | 5.13 | 7.64 |
| MXTG2-STRA300WLO 3000K 50° Wide Flood | 6' | 23.4 | 6.2 | 5.8 | 6' | 2 | 17.5 | 5.76 | 5.32 | 3' | 3 | 33.9 | 3.46 | 4.18 |
| | 8' | 13.2 | 8.2 | 7.8 | 8' | 3 | 9.8 | 7.76 | 7.19 | 4' | 4 | 19.1 | 4.7 | 5.5 |
| | 10' | 8.4 | 10.3 | 9.7 | 10' | 3 | 6.3 | 9.68 | 8.97 | 5' | 5 | 12.2 | 5.84 | 6.89 |
| | 12' | 5.9 | 12.4 | 11.7 | 12' | 4 | 4.4 | 11.51 | 10.67 | 6' | 6 | 8.5 | 6.99 | 8.2 |

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

MXTG2-STRA300WL1

Report #: ILL-02222016-01.2 (12)
 ILL-02222016-02.2 (24)
 ILL-02222016-03.2 (36)
 ILL-02222016-04.2 (50)

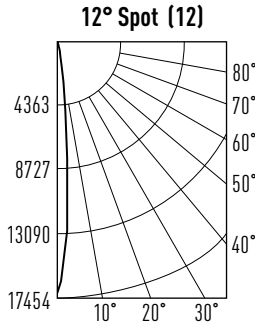
MXTG2-SWLR300
 Ceiling Thickness Multipliers:
 5/8" Thickness (x 0.91)
 1" Thickness (x 0.73)
 2" Thickness (x 0.55)

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) |

EMERGENCY MULTIPLIER:

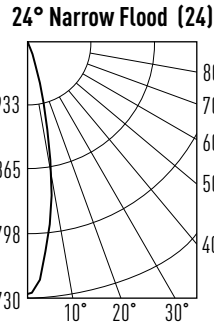
| | |
|---------------|----------|
| 7W Emergency | (x 0.50) |
| 12W Emergency | (x 0.85) |



Watts: 15.4
 Lumens: 1205
 LPW: 78
 CCT: 3000K

Candelas at Nadir

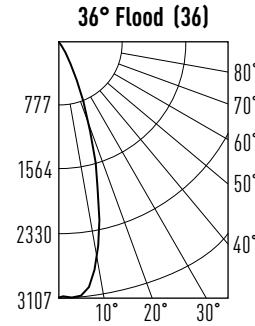
| Degree | Candela |
|--------|---------|
| 0° | 17021 |
| 5° | 6589 |
| 15° | 599 |
| 25° | 150 |
| 35° | 51 |
| 45° | 7 |



Watts: 15.5
 Lumens: 1263
 LPW: 81
 CCT: 3000K

Candelas at Nadir

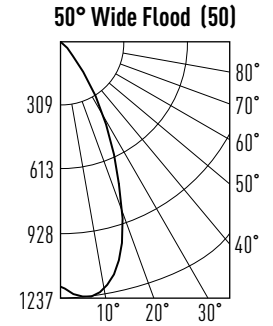
| Degree | Candela |
|--------|---------|
| 0° | 7586 |
| 5° | 6329 |
| 15° | 1892 |
| 25° | 231 |
| 35° | 29 |
| 45° | 4 |



Watts: 15.5
 Lumens: 1191
 LPW: 77
 CCT: 3000K

Candelas at Nadir

| Degree | Candela |
|--------|---------|
| 0° | 3098 |
| 5° | 3087 |
| 15° | 1838 |
| 25° | 555 |
| 35° | 112 |
| 45° | 11 |



Watts: 15.5
 Lumens: 1017
 LPW: 66
 CCT: 3000K

Candelas at Nadir

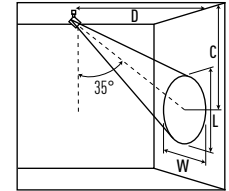
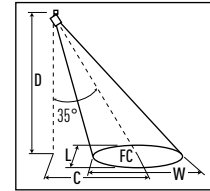
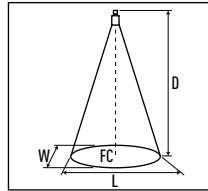
| Degree | Candela |
|--------|---------|
| 0° | 1181 |
| 5° | 1234 |
| 15° | 1091 |
| 25° | 623 |
| 35° | 253 |
| 45° | 68 |

APPLICATION DATA:

W and **L** are the outer points where the candle power drops to 50% of maximum. **FC** are the initial footcandles at the center of the beam.

- W** Beam width
- L** Beam length
- C** Distance to center of beam
- D** Distance
- FC** Footcandles

Illuminated width & length are based upon point at which illuminance falls to 50% of center illuminance. Recommended spacing is based upon uniform illuminance aiming angle is the angle between the lamp axis and the perpendicular to the illuminated plane.



| | 0° HORIZONTAL | | | | 35° HORIZONTAL | | | | 35° VERTICAL | | | | | |
|--------------------------------------------------------------------|---------------|------|------|------|----------------|---|------|-------|--------------|----|---|------|------|------|
| | D | FC | W | L | D | C | FC | W | L | D | C | FC | W | L |
| MXTG2-STRA300WL1 3000K 12° Spot | 6' | 473 | 1.3 | 1.4 | 6' | 4 | 277 | 1.98 | 1.49 | 3' | 4 | 444 | 1.15 | 2.42 |
| | 8' | 266 | 1.8 | 1.8 | 8' | 5 | 165 | 2.58 | 2.1 | 4' | 6 | 277 | 1.49 | 2.96 |
| | 10' | 170 | 2.2 | 2.3 | 10' | 6 | 104 | 3.13 | 2.67 | 5' | 7 | 180 | 1.89 | 3.48 |
| | 12' | 118 | 2.7 | 2.7 | 12' | 7 | 71.4 | 3.82 | 3.19 | 6' | 9 | 123 | 2.55 | 4.24 |
| MXTG2-STRA300WL1 3000K 24° Narrow Flood | 6' | 211 | 2.4 | 2.2 | 6' | 4 | 123 | 3.2 | 2.64 | 3' | 4 | 236 | 1.78 | 3.22 |
| | 8' | 119 | 3.2 | 3 | 8' | 5 | 70.8 | 4.19 | 3.35 | 4' | 5 | 131 | 2.5 | 4.28 |
| | 10' | 75.9 | 4 | 3.7 | 10' | 6 | 45.7 | 5.22 | 4.16 | 5' | 7 | 83.1 | 3.15 | 5.36 |
| | 12' | 52.7 | 4.8 | 4.4 | 12' | 6 | 31.8 | 6.24 | 5.03 | 6' | 8 | 59 | 3.65 | 6.31 |
| MXTG2-STRA300WL1 3000K 36° Flood | 6' | 86 | 3.9 | 3.5 | 6' | 3 | 55.1 | 4.6 | 3.63 | 3' | 3 | 104 | 2.76 | 4 |
| | 8' | 48.4 | 5.2 | 4.7 | 8' | 4 | 31 | 6.16 | 5.01 | 4' | 5 | 59.1 | 3.46 | 5.34 |
| | 10' | 31 | 6.5 | 5.8 | 10' | 5 | 19.8 | 7.67 | 6.27 | 5' | 6 | 38.9 | 4.33 | 6.47 |
| | 12' | 21.5 | 7.8 | 7 | 12' | 6 | 13.8 | 9.21 | 7.48 | 6' | 7 | 27.3 | 5.13 | 7.64 |
| MXTG2-STRA300WL1 3000K 50° Wide Flood | 6' | 32.8 | 6.2 | 5.8 | 6' | 2 | 24.5 | 5.76 | 5.32 | 3' | 3 | 47.5 | 3.46 | 4.18 |
| | 8' | 18.5 | 8.2 | 7.8 | 8' | 3 | 13.7 | 7.76 | 7.19 | 4' | 4 | 26.7 | 4.7 | 5.5 |
| | 10' | 11.8 | 10.3 | 9.7 | 10' | 3 | 8.8 | 9.68 | 8.97 | 5' | 5 | 17.1 | 5.84 | 6.89 |
| | 12' | 8.2 | 12.4 | 11.7 | 12' | 4 | 6.1 | 11.51 | 10.67 | 6' | 6 | 11.9 | 6.99 | 8.2 |

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

MXTG2-STRA300WL2

Report #: ILL-02222016-01.1 (12)
 ILL-02222016-02.1 (24)
 ILL-02222016-03.1 (36)
 ILL-02222016-04.1 (50)

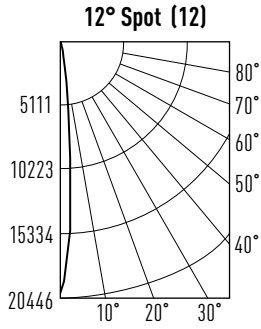
MXTG2-SWLR300
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 5/8" Thickness (x 0.91)
 1" Thickness (x 0.73)
 2" Thickness (x 0.55)

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) |

EMERGENCY MULTIPLIER:

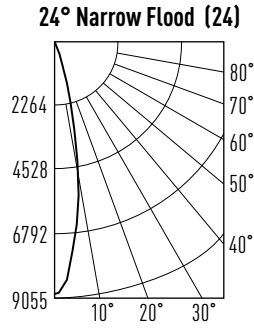
| | |
|---------------|----------|
| 7W Emergency | (x 0.40) |
| 12W Emergency | (x 0.68) |



Watts: 20.5
 Lumens: 1406
 LPW: 69
 CCT: 3000K

Candelas at Nadir

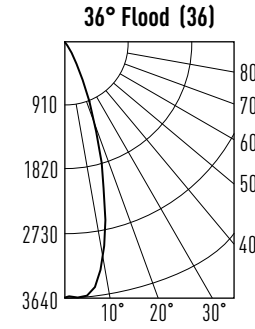
| Degree | Candela |
|--------|---------|
| 0° | 19939 |
| 5° | 7718 |
| 15° | 702 |
| 25° | 175 |
| 35° | 59 |
| 45° | 8 |



Watts: 20.4
 Lumens: 1480
 LPW: 73
 CCT: 3000K

Candelas at Nadir

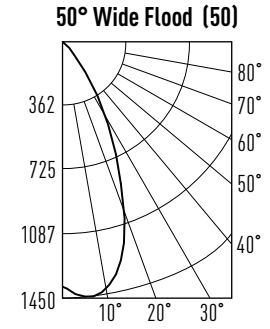
| Degree | Candela |
|--------|---------|
| 0° | 8887 |
| 5° | 7415 |
| 15° | 2216 |
| 25° | 271 |
| 35° | 34 |
| 45° | 4 |



Watts: 20.5
 Lumens: 1395
 LPW: 68
 CCT: 3000K

Candelas at Nadir

| Degree | Candela |
|--------|---------|
| 0° | 3629 |
| 5° | 3617 |
| 15° | 2153 |
| 25° | 651 |
| 35° | 131 |
| 45° | 12 |



Watts: 20.4
 Lumens: 1191
 LPW: 58
 CCT: 3000K

Candelas at Nadir

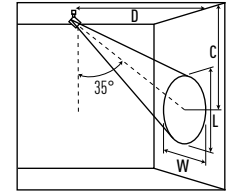
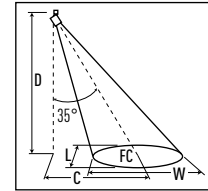
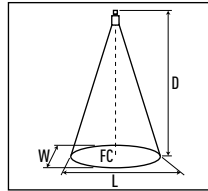
| Degree | Candela |
|--------|---------|
| 0° | 1384 |
| 5° | 1446 |
| 15° | 1278 |
| 25° | 730 |
| 35° | 296 |
| 45° | 79 |

APPLICATION DATA:

W and **L** are the outer points where the candle power drops to 50% of maximum. **FC** are the initial footcandles at the center of the beam.

- W** Beam width
- L** Beam length
- C** Distance to center of beam
- D** Distance
- FC** Footcandles

Illuminated width & length are based upon point at which illuminance falls to 50% of center illuminance. Recommended spacing is based upon uniform illuminance aiming angle is the angle between the lamp axis and the perpendicular to the illuminated plane.



| | 0° HORIZONTAL | | | | 35° HORIZONTAL | | | | 35° VERTICAL | | | | | |
|------------------------------------------------------|---------------|------|------|------|----------------|---|------|-------|--------------|----|---|------|------|------|
| | D | FC | W | L | D | C | FC | W | L | D | C | FC | W | L |
| MXTG2-STRA300WL2 3000K 12° Spot | 6' | 554 | 1.3 | 1.4 | 6' | 4 | 324 | 1.98 | 1.49 | 3' | 4 | 520 | 1.15 | 2.42 |
| | 8' | 312 | 1.8 | 1.8 | 8' | 5 | 194 | 2.58 | 2.1 | 4' | 6 | 324 | 1.49 | 2.96 |
| | 10' | 199 | 2.2 | 2.3 | 10' | 6 | 122 | 3.13 | 2.67 | 5' | 7 | 211 | 1.89 | 3.48 |
| | 12' | 138 | 2.7 | 2.7 | 12' | 7 | 83.7 | 3.82 | 3.19 | 6' | 9 | 144 | 2.55 | 4.24 |
| MXTG2-STRA300WL2 3000K 24° Narrow Flood | 6' | 247 | 2.4 | 2.2 | 6' | 4 | 144 | 3.2 | 2.64 | 3' | 4 | 277 | 1.78 | 3.22 |
| | 8' | 139 | 3.2 | 3 | 8' | 5 | 83 | 4.19 | 3.35 | 4' | 5 | 154 | 2.5 | 4.28 |
| | 10' | 88.9 | 4 | 3.7 | 10' | 6 | 53.5 | 5.22 | 4.16 | 5' | 7 | 97.4 | 3.15 | 5.36 |
| | 12' | 61.7 | 4.8 | 4.4 | 12' | 6 | 37.3 | 6.24 | 5.03 | 6' | 8 | 69.1 | 3.65 | 6.31 |
| MXTG2-STRA300WL2 3000K 36° Flood | 6' | 101 | 3.9 | 3.5 | 6' | 3 | 64.5 | 4.6 | 3.63 | 3' | 3 | 122 | 2.76 | 4 |
| | 8' | 56.7 | 5.2 | 4.7 | 8' | 4 | 36.3 | 6.16 | 5.01 | 4' | 5 | 69.2 | 3.46 | 5.34 |
| | 10' | 36.3 | 6.5 | 5.8 | 10' | 5 | 23.2 | 7.67 | 6.27 | 5' | 6 | 45.6 | 4.33 | 6.47 |
| | 12' | 25.2 | 7.8 | 7 | 12' | 6 | 16.1 | 9.21 | 7.48 | 6' | 7 | 32 | 5.13 | 7.64 |
| MXTG2-STRA300WL2 3000K 50° Wide Flood | 6' | 38.4 | 6.2 | 5.8 | 6' | 2 | 28.7 | 5.76 | 5.32 | 3' | 3 | 55.6 | 3.46 | 4.18 |
| | 8' | 21.6 | 8.2 | 7.8 | 8' | 3 | 16 | 7.76 | 7.19 | 4' | 4 | 31.3 | 4.7 | 5.5 |
| | 10' | 13.8 | 10.3 | 9.7 | 10' | 3 | 10.3 | 9.68 | 8.97 | 5' | 5 | 20 | 5.84 | 6.89 |
| | 12' | 9.6 | 12.4 | 11.7 | 12' | 4 | 7.2 | 11.51 | 10.67 | 6' | 6 | 13.9 | 6.99 | 8.2 |

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

MXTG2-STRA300WL3

Report #: ILL-02222016-01 (12)
 ILL-02222016-02 (24)
 ILL-02222016-03 (36)
 ILL-02222016-04 (50)

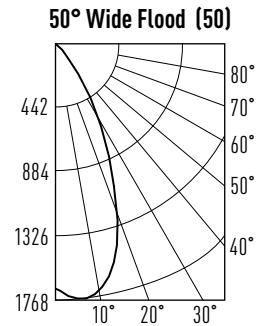
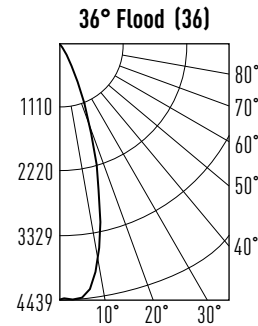
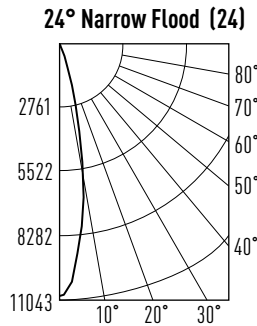
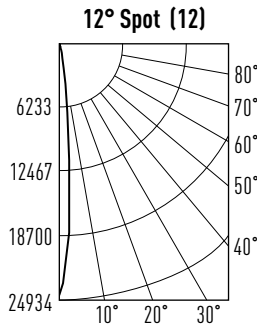
MXTG2-SWLR300
 Ceiling Thickness Multipliers:
 5/8" Thickness (x 0.91)
 1" Thickness (x 0.73)
 2" Thickness (x 0.55)

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) |

EMERGENCY MULTIPLIER:

7W Emergency (x 0.35)
 12W Emergency (x 0.59)



Watts: 26
 Lumens: 1714
 LPW: 66
 CCT: 3000K

Watts: 26
 Lumens: 1805
 LPW: 69
 CCT: 3000K

Watts: 26
 Lumens: 1702
 LPW: 65
 CCT: 3000K

Watts: 26
 Lumens: 1452
 LPW: 56
 CCT: 3000K

Candelas at Nadir

| Degree | Candela |
|--------|---------|
| 0° | 24316 |
| 5° | 9413 |
| 15° | 856 |
| 25° | 214 |
| 35° | 72 |
| 45° | 10 |

Candelas at Nadir

| Degree | Candela |
|--------|---------|
| 0° | 10838 |
| 5° | 9042 |
| 15° | 2703 |
| 25° | 330 |
| 35° | 42 |
| 45° | 5 |

Candelas at Nadir

| Degree | Candela |
|--------|---------|
| 0° | 4425 |
| 5° | 4411 |
| 15° | 2626 |
| 25° | 793 |
| 35° | 160 |
| 45° | 15a |

Candelas at Nadir

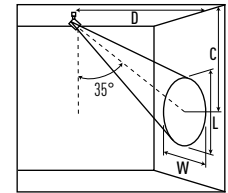
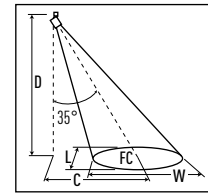
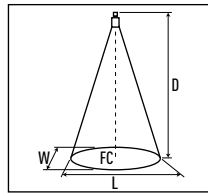
| Degree | Candela |
|--------|---------|
| 0° | 1687 |
| 5° | 1763 |
| 15° | 1558 |
| 25° | 890 |
| 35° | 361 |
| 45° | 96 |

APPLICATION DATA:

W and **L** are the outer points where the candle power drops to 50% of maximum. **FC** are the initial foot candles at the center of the beam.

- W** Beam width
- L** Beam length
- C** Distance to center of beam
- D** Distance
- FC** Footcandles

Illuminated width & length are based upon point at which illuminance falls to 50% of center illuminance. Recommended spacing is based upon uniform illuminance aiming angle is the angle between the lamp axis and the perpendicular to the illuminated plane.



| | 0° HORIZONTAL | | | | 35° HORIZONTAL | | | | 35° VERTICAL | | | | | |
|------------------------------------------------------|---------------|------|------|------|----------------|---|------|-------|--------------|----|---|------|------|------|
| | D | FC | W | L | D | C | FC | W | L | D | C | FC | W | L |
| MXTG2-STRA300WL3 3000K 12° Spot | 6' | 675 | 1.3 | 1.4 | 6' | 4 | 396 | 1.98 | 1.49 | 3' | 4 | 635 | 1.15 | 2.42 |
| | 8' | 380 | 1.8 | 1.8 | 8' | 5 | 236 | 2.58 | 2.1 | 4' | 6 | 396 | 1.49 | 2.96 |
| | 10' | 243 | 2.2 | 2.3 | 10' | 6 | 149 | 3.13 | 2.67 | 5' | 7 | 258 | 1.89 | 3.48 |
| | 12' | 169 | 2.7 | 2.7 | 12' | 7 | 102 | 3.82 | 3.19 | 6' | 9 | 176 | 2.55 | 4.24 |
| MXTG2-STRA300WL3 3000K 24° Narrow Flood | 6' | 301 | 2.4 | 2.2 | 6' | 4 | 176 | 3.2 | 2.64 | 3' | 4 | 337 | 1.78 | 3.22 |
| | 8' | 169 | 3.2 | 3 | 8' | 5 | 101 | 4.19 | 3.35 | 4' | 5 | 188 | 2.5 | 4.28 |
| | 10' | 108 | 4 | 3.7 | 10' | 6 | 65.2 | 5.22 | 4.16 | 5' | 7 | 119 | 3.15 | 5.36 |
| | 12' | 75.3 | 4.8 | 4.4 | 12' | 6 | 45.4 | 6.24 | 5.03 | 6' | 8 | 84.3 | 3.65 | 6.31 |
| MXTG2-STRA300WL3 3000K 36° Flood | 6' | 123 | 3.9 | 3.5 | 6' | 3 | 78.7 | 4.6 | 3.63 | 3' | 3 | 142 | 2.76 | 4 |
| | 8' | 69.1 | 5.2 | 4.7 | 8' | 4 | 44.3 | 6.16 | 5.01 | 4' | 5 | 84.4 | 3.46 | 5.34 |
| | 10' | 44.3 | 6.5 | 5.8 | 10' | 5 | 28.3 | 7.67 | 6.27 | 5' | 6 | 55.6 | 4.33 | 6.47 |
| | 12' | 30.7 | 7.8 | 7 | 12' | 6 | 19.7 | 9.21 | 7.48 | 6' | 7 | 39 | 5.13 | 7.64 |
| MXTG2-STRA300WL3 3000K 50° Wide Flood | 6' | 46.9 | 6.2 | 5.8 | 6' | 2 | 35.1 | 5.76 | 5.32 | 3' | 3 | 67.8 | 3.46 | 4.18 |
| | 8' | 26.4 | 8.2 | 7.8 | 8' | 3 | 19.5 | 7.76 | 7.19 | 4' | 4 | 38.2 | 4.7 | 5.5 |
| | 10' | 16.9 | 10.3 | 9.7 | 10' | 3 | 12.5 | 9.68 | 8.97 | 5' | 5 | 24.4 | 5.84 | 6.89 |
| | 12' | 11.7 | 12.4 | 11.7 | 12' | 4 | 8.8 | 11.51 | 10.67 | 6' | 6 | 17 | 6.99 | 8.2 |