

MXRG2DRTR

3.5" MX Remodel G2 LED Lensed Downlight Non Conductive - Wet Location

| | | | |
|----------|--|----------------|--|
| 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 | 700lm | 70 |
| L1 | 16W | 3000K / 82 CRI | 950lm | 59 |
| L2 | 20W | 3000K / 82 CRI | 1150lm | 57 |
| L3 | 26W | 3000K / 82 CRI | 1350lm | 52 |

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

FEATURES

- Non-metallic trim with integral lens
- High center beam spot up to 20,000 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.
- 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

High quality die-casted collar with high strength stainless steel swing out lugs. Driver swivels 90° to accommodate tight spaces.

TRIM SPECIFICATION

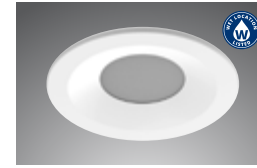
Non-reactive trim made of heavy duty injection molded polymer with solite, clear tempered or frosted lens, must specify.

INSTALLATION

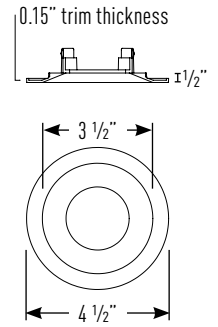
Frame-in installs from below the ceiling. Swing out lugs allow for installation in ceilings between 5/16" and 3/4". Max. ambient temperature: 95°F (35°C). Housing is Non-IC rated, must be kept at a minimum of 3" away from insulation.

LISTING / WARRANTY

- 5-Year Intense LED Limited Warranty
- ETL listed to US and Canadian standards for wet locations
- ENERGY STAR® Qualified ¹
- Can be used to comply with 2016 Title 24, Part 6, JA8 high efficacy LED light source requirements ²



MXTG2-RNRR302
(1/2" Regress)



Housing Part Number (Example: MXRG2DRTR-NCL1)

| Housing | Installation Type | Wattage | Dimming | Voltage |
|-----------|-------------------------------------|----------|--|--|
| MXRG2DRTR | -NC (Non-IC) | L0 (10W) | blank (Non-Dimming) | blank (Non-IC: 120V |
| | | L1 (16W) | DELV ³ (Phase Dimming) | -IC/-CP: 120V/277V) |
| | | L2 (20W) | D101 (0-10V Dimming 1%) | 27 (277V Non-IC Only, for -IC/-CP housing options use blank) |
| | | L3 (2 W) | ED10V1 ⁴ (eldoLED 0-10V 1%) | |
| | | | ED10V01 ⁴ (eldoLED 0-10V 0.1%) | |
| | | | LUT ⁵ (Lutron® LDE1 EcoSystem 1%) | |
| | DMXR ⁶ (DMX512 RDM 0.1%) | | | |

Trim Part Number (Example: MXTG2-RNRR302WL13024-SL)

| Trim | Finish | Wattage | CCT / CRI | Optic | Lens |
|---|--------------------------|----------|----------------------|-----------------------|----------------------|
| MXTG2-RNRR302 (1/2" Regress with Lens) | W (White Non-Conductive) | L0 (10W) | 27 (2700K / 82 CRI) | 09° (9° Narrow Spot) | -SL (Solite) |
| | | L1 (16W) | 279 (2700K / 92 CRI) | 12 (12° Spot) | -CR (Clear Tempered) |
| | | L2 (20W) | 30 (3000K / 82 CRI) | 24 (24° Narrow Flood) | -FR (Frosted) |
| | | L3 (26W) | 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:

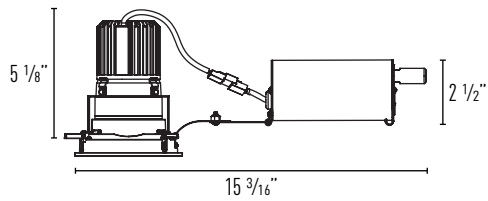
- ENERGY STAR® Qualified (White reflectors only; **Excludes:** L2, L3, 92 CRI & 9° options)
- L0 only; **Excludes:** 82 CRI & 9° options
- Not Available in 277V
- Not Available in L3
- Not Available in L2 & L3
- DMX512 RDM not available in L0 & L1
- 9° NS available in 279 with L0 or L1 Only

MXRG2DRTR

3.5" MX Remodel G2 LED Lensed Downlight Non Conductive - Wet Location

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

DRIVER: Non-Dimming / DELV / D10

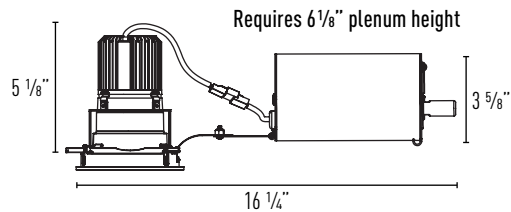


Ceiling Cut Out: 4 1/8"

Minimum Ceiling Thickness: 5/16"

Maximum Ceiling Thickness: 3/4"

DRIVER: eldoLED / Lutron



Ceiling Cut Out: 4 1/8"

Minimum Ceiling Thickness: 5/16"

Maximum Ceiling Thickness: 3/4"

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.

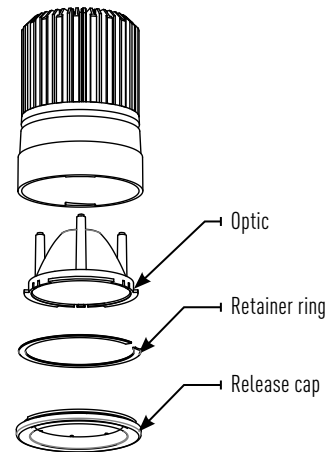
Optics

IP-OP4712 (12° Spot)

IP-OP4724 (24° Narrow Flood)

IP-OP4736 (36° Flood)

IP-OP4750 (50° Wide Flood)



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

MXTG2-RNRR302LO-CR

Report #: ILL-01262016-39 (12)
 ILL-01262016-42 (24)
 ILL-01262016-45 (36)
 ILL-01262016-48 (50)

MXTG2-RNRR302

Ceiling Thickness Multipliers:
 5/8" Thickness (x 1.00)
 1" Thickness (x 0.87)
 2" Thickness (x 0.73)

CCT MULTIPLIERS:

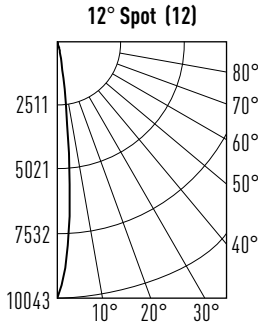
| | | |
|-------|---------------|---------------|
| | 82 CRI | 92 CRI |
| 2700K | (x 0.93) | (x 0.76) |
| 3000K | (x 1.00) | (x 0.87) |
| 3500K | (x 1.00) | (x 0.87) |
| 4100K | (x 1.00) | (x 0.87) |

LENS MULTIPLIERS:

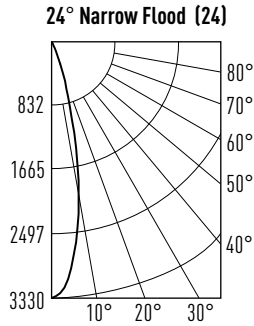
| | |
|---------|----------|
| Solite | (x 0.92) |
| Clear | (x 1.00) |
| Frosted | (x 0.92) |

EMERGENCY MULTIPLIER:

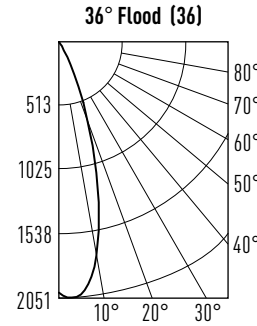
7W Emergency (x 0.70)



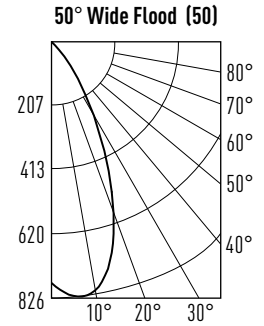
Watts: 10
 Lumens: 579
 LPW: 58
 CCT: 3000K



Watts: 10
 Lumens: 647
 LPW: 65
 CCT: 3000K



Watts: 10
 Lumens: 714
 LPW: 71
 CCT: 3000K



Watts: 10
 Lumens: 818
 LPW: 62
 CCT: 3000K

Candelas at Nadir

| Degree | Candela |
|--------|---------|
| 0° | 10043 |
| 5° | 5608 |
| 15° | 419 |
| 25° | 70 |
| 35° | 25 |
| 45° | 4 |

Candelas at Nadir

| Degree | Candela |
|--------|---------|
| 0° | 3330 |
| 5° | 2947 |
| 15° | 1038 |
| 25° | 168 |
| 35° | 18 |
| 45° | 2 |

Candelas at Nadir

| Degree | Candela |
|--------|---------|
| 0° | 2006 |
| 5° | 2029 |
| 15° | 1205 |
| 25° | 338 |
| 35° | 54 |
| 45° | 4 |

Candelas at Nadir

| Degree | Candela |
|--------|---------|
| 0° | 776 |
| 5° | 822 |
| 15° | 731 |
| 25° | 423 |
| 35° | 164 |
| 45° | 42 |

MXTG2-RNRR302L1-CR

Report #: ILL-01262016-15 (12)
 ILL-01262016-18 (24)
 ILL-01262016-21 (36)
 ILL-01262016-24 (50)

MXTG2-RNRR302

Ceiling Thickness Multipliers:
 5/8" Thickness (x 1.00)
 1" Thickness (x 0.87)
 2" Thickness (x 0.73)

CCT MULTIPLIERS:

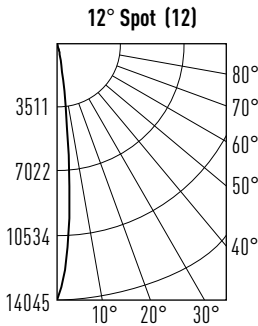
| | | |
|-------|---------------|---------------|
| | 82 CRI | 92 CRI |
| 2700K | (x 0.93) | (x 0.76) |
| 3000K | (x 1.00) | (x 0.87) |
| 3500K | (x 1.00) | (x 0.87) |
| 4100K | (x 1.00) | (x 0.87) |

LENS MULTIPLIERS:

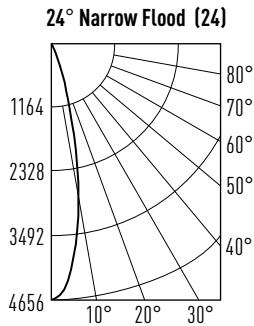
| | |
|---------|----------|
| Solite | (x 0.92) |
| Clear | (x 1.00) |
| Frosted | (x 0.92) |

EMERGENCY MULTIPLIER:

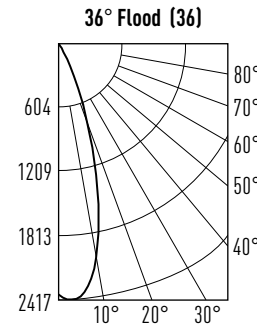
7W Emergency (x 0.50)
 12W Emergency (x 0.85)



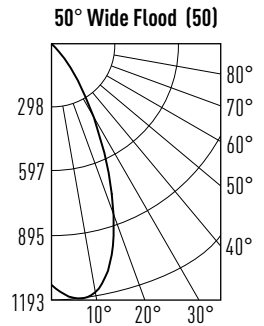
Watts: 15.6
 Lumens: 805
 LPW: 52
 CCT: 3000K



Watts: 15.6
 Lumens: 880
 LPW: 56
 CCT: 3000K



Watts: 15.6
 Lumens: 964
 LPW: 62
 CCT: 3000K



Watts: 15.6
 Lumens: 860
 LPW: 55
 CCT: 3000K

Candelas at Nadir

| Degree | Candela |
|--------|---------|
| 0° | 14045 |
| 5° | 7791 |
| 15° | 583 |
| 25° | 97 |
| 35° | 35 |
| 45° | 5 |

Candelas at Nadir

| Degree | Candela |
|--------|---------|
| 0° | 4656 |
| 5° | 4096 |
| 15° | 1405 |
| 25° | 225 |
| 35° | 24 |
| 45° | 3 |

Candelas at Nadir

| Degree | Candela |
|--------|---------|
| 0° | 2395 |
| 5° | 2381 |
| 15° | 1570 |
| 25° | 508 |
| 35° | 101 |
| 45° | 10 |

Candelas at Nadir

| Degree | Candela |
|--------|---------|
| 0° | 1127 |
| 5° | 1190 |
| 15° | 1034 |
| 25° | 579 |
| 35° | 222 |
| 45° | 57 |

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

MXTG2-RNRR302L2-CR

Report #: ILL-01262016-27 (12)
 ILL-01262016-30 (24)
 ILL-01262016-33 (36)
 ILL-02102016-06 (50)

MXTG2-RNRR302

Ceiling Thickness Multipliers:
 5/8" Thickness (x 1.00)
 1" Thickness (x 0.87)
 2" Thickness (x 0.73)

CCT MULTIPLIERS:

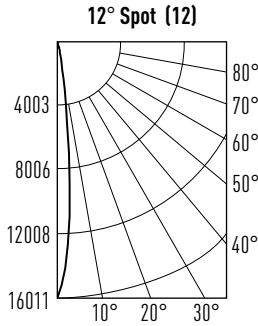
| | | |
|-------|---------------|---------------|
| | 82 CRI | 92 CRI |
| 2700K | (x 0.93) | (x 0.76) |
| 3000K | (x 1.00) | (x 0.87) |
| 3500K | (x 1.00) | (x 0.87) |
| 4100K | (x 1.00) | (x 0.87) |

LENS MULTIPLIERS:

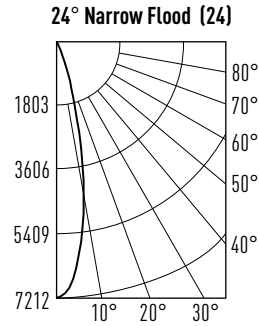
| | |
|---------|----------|
| Solite | (x 0.92) |
| Clear | (x 1.00) |
| Frosted | (x 0.92) |

EMERGENCY MULTIPLIER:

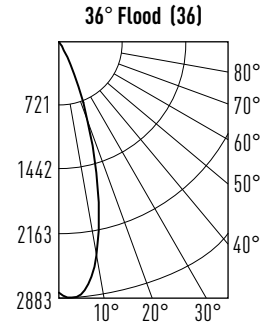
| | |
|---------------|----------|
| 7W Emergency | (x 0.40) |
| 12W Emergency | (x 0.68) |



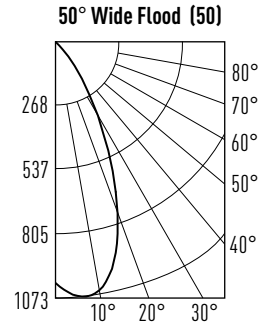
Watts: 20.4
 Lumens: 996
 LPW: 49
 CCT: 3000K



Watts: 20.4
 Lumens: 1147
 LPW: 56
 CCT: 3000K



Watts: 20.4
 Lumens: 1166
 LPW: 57
 CCT: 3000K



Watts: 20.8
 Lumens: 910
 LPW: 44
 CCT: 3000K

Candelas at Nadir

| Degree | Candela |
|--------|---------|
| 0° | 16011 |
| 5° | 10003 |
| 15° | 605 |
| 25° | 130 |
| 35° | 51 |
| 45° | 7 |

Candelas at Nadir

| Degree | Candela |
|--------|---------|
| 0° | 7212 |
| 5° | 9072 |
| 15° | 1772 |
| 25° | 203 |
| 35° | 25 |
| 45° | 3 |

Candelas at Nadir

| Degree | Candela |
|--------|---------|
| 0° | 2874 |
| 5° | 2843 |
| 15° | 1908 |
| 25° | 616 |
| 35° | 125 |
| 45° | 11 |

Candelas at Nadir

| Degree | Candela |
|--------|---------|
| 0° | 1060 |
| 5° | 1071 |
| 15° | 990 |
| 25° | 619 |
| 35° | 263 |
| 45° | 81 |

MXTG2-RNRR302L3-CR

Report #: ILL-01262016-12 (12)
 ILL-01262016-09 (24)
 ILL-01262016-03 (36)
 ILL-02102016-05 (50)

MXTG2-RNRR302

Ceiling Thickness Multipliers:
 5/8" Thickness (x 1.00)
 1" Thickness (x 0.87)
 2" Thickness (x 0.73)

CCT MULTIPLIERS:

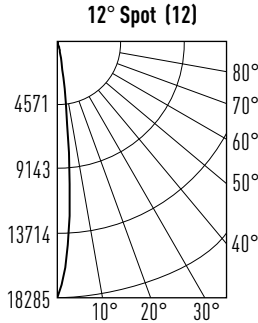
| | | |
|-------|---------------|---------------|
| | 82 CRI | 92 CRI |
| 2700K | (x 0.93) | (x 0.76) |
| 3000K | (x 1.00) | (x 0.87) |
| 3500K | (x 1.00) | (x 0.87) |
| 4100K | (x 1.00) | (x 0.87) |

LENS MULTIPLIERS:

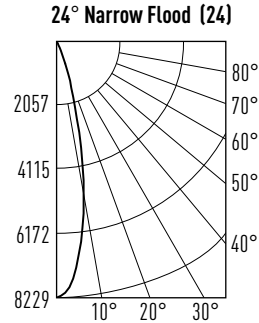
| | |
|---------|----------|
| Solite | (x 0.92) |
| Clear | (x 1.00) |
| Frosted | (x 0.92) |

EMERGENCY MULTIPLIER:

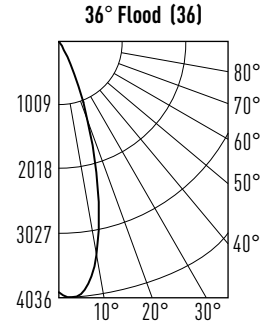
| | |
|---------------|----------|
| 7W Emergency | (x 0.35) |
| 12W Emergency | (x 0.59) |



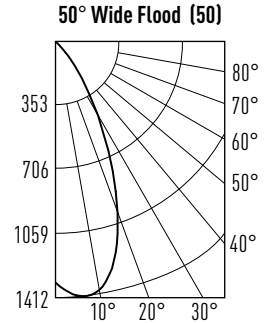
Watts: 26.3
 Lumens: 1162
 LPW: 44
 CCT: 3000K



Watts: 26.3
 Lumens: 1398
 LPW: 53
 CCT: 3000K



Watts: 26.3
 Lumens: 1372
 LPW: 52
 CCT: 3000K



Watts: 26.6
 Lumens: 1196
 LPW: 45
 CCT: 3000K

Candelas at Nadir

| Degree | Candela |
|--------|---------|
| 0° | 18285 |
| 5° | 11742 |
| 15° | 655 |
| 25° | 143 |
| 35° | 55 |
| 45° | 9 |

Candelas at Nadir

| Degree | Candela |
|--------|---------|
| 0° | 8229 |
| 5° | 7144 |
| 15° | 2207 |
| 25° | 256 |
| 35° | 29 |
| 45° | 4 |

Candelas at Nadir

| Degree | Candela |
|--------|---------|
| 0° | 4009 |
| 5° | 3949 |
| 15° | 2290 |
| 25° | 625 |
| 35° | 111 |
| 45° | 10 |

Candelas at Nadir

| Degree | Candela |
|--------|---------|
| 0° | 1396 |
| 5° | 1410 |
| 15° | 1301 |
| 25° | 813 |
| 35° | 345 |
| 45° | 107 |