

MXRG2DRTR

3.5" MX G2 Warm Dim LED Lensed Pinhole with Remodel Housing - Wet Location

ELECTRICAL DATA

LED Light Engine	System *	CCT / CRI	Delivered Lumens **
WD1	13.5W	3000K-1800K / 92 CRI	700lm
WD2	16.5W	3000K-1800K / 92 CRI	850lm

* 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. Trim is available with solite, clear tempered or frosted lens, must specify. Trims available in 1 1/2" regress for greater visual comfort or 1/2" regress for consistent look throughout space.

INSTALLATION

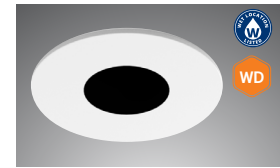
Frame-in installs from below the ceiling. Swing out lugs allow for installation in ceilings between 5/16" and 3/4". Max. ambient temperature: 131°F (55°C). Housing is Non-IC rated, must be kept at a minimum of 3" away from insulation.

LISTING / WARRANTY

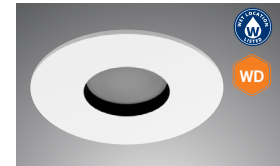
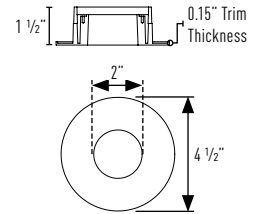
- 5-Year Intense LED Limited Warranty
- ETL listed to US and Canadian standards for damp locations



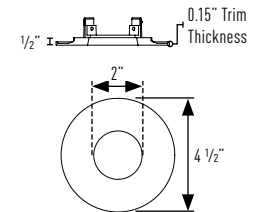
JOB NAME	CATALOG NUMBER
NOTES	TYPE



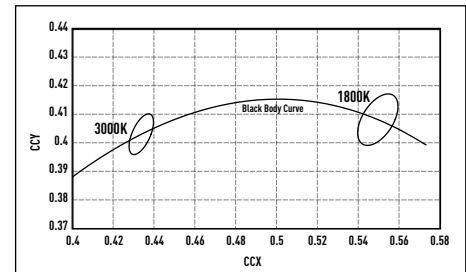
MXTG2-RTRD308
(1 1/2" Regress with Lens)



MXTG2-RTRR308
(1/2" Regress with Lens)



Available Trim Finishes



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

Housing	Installation Type	Wattage	Dimming	Voltage
MXG2DRTR	-NC (Non-IC)	WD1 (13.5W) WD2 (16.5W)	DIM ¹ (Phase Dimming) D101 (0-10V Dimming 1%) ED10V1 (eldoLED 0-10V 1%) ED10V01 (eldoLED 0-10V 0.1%) LUT (Lutron® LDE1 EcoSystem 1%) LUT2 ¹ (Lutron® LTEA2W 2-Wire 1%) DMXR ² (DMX512 RDM 0.1%)	blank (120V) 27 (277V)

Trim Part Number (Example: MXTG2-RTRD308W-SFWD1NF-SL)

Trim	Finish	Wattage	Optic	Lens
MXTG2-RTRD308 (1 1/2" Regress)	B (Black) W (White)	WD1 (13.5W) WD2 (16.5W)	NF (24° Narrow Flood) FL (30° Flood)	-SL (Solite) -CR (Clear Tempered)
MXTG2-RTRR308 (1/2" Regress)	SN (Satin Nickel) AB (Antique Bronze) WH (Wheat)		WF (45° Wide Flood)	-FR (Frosted)

Notes:

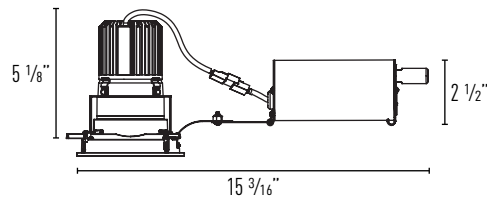
- Available in 120V only
- DMX512 RDM not available in WD1

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JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

DRIVER: Phase / D10V

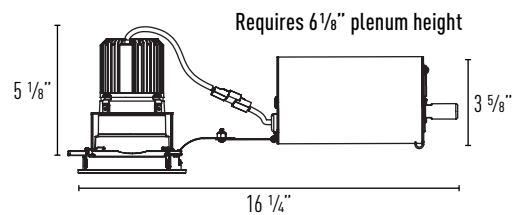


Ceiling Cut Out: 4 1/8"

Minimum Ceiling Thickness: 5/16"

Maximum Ceiling Thickness: 3/4"

DRIVER: eldoLED / Lutron / DMX



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OPTICS REPLACEMENT

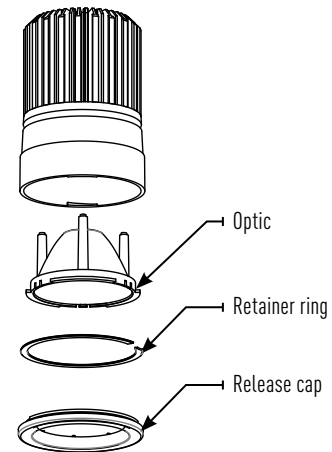
1. Rotate release cap by turning counter clockwise.
2. Install accessories into accessory holder and replace accessory holder's retaining clip.
3. Place accessory holder and accessory flush against optic and replace release cap.

Optics

IP-OP4724 (24° Narrow Flood)

IP-OP4736 (30° Flood)

IP-OP4750 (45° Wide Flood)



JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

MXTG2-RTRD308WWD1-CR

REPORT #:

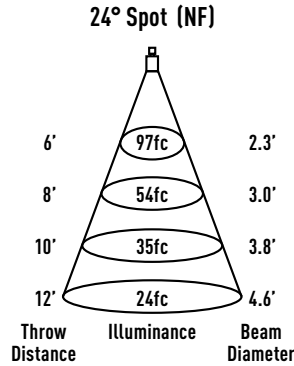
ILL20180913-13.001 (24)
ILL20180917-4.001 (30)
ILL20180919-4.001 (45)

TRIM MULTIPLIERS:

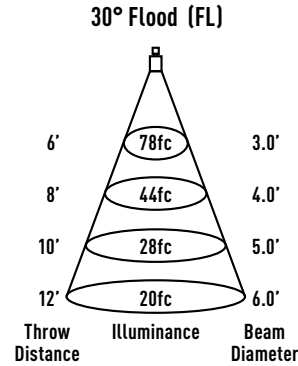
MXTG2-RTRD308 (x 1.00)
MXTG2-RTRR308 (x 0.98)

LENS MULTIPLIERS:

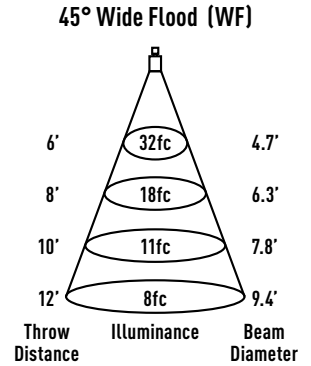
Solite (x 0.92)
Clear (x 1.00)
Frosted (x 0.92)



Watts: 13.5
Lumens: 513
LPW: 38
CCT: 3000K



Watts: 13.5
Lumens: 736
LPW: 55
CCT: 3000K



Watts: 13.5
Lumens: 604
LPW: 45
CCT: 3000K

Intensity	
Degree	Candela
0°	3484
5°	3052
15°	725
25°	55
35°	8
45°	3

Intensity	
Degree	Candela
0°	2796
5°	2677
15°	1232
25°	253
35°	35
45°	3

Intensity	
Degree	Candela
0°	1141
5°	1115
15°	876
25°	397
35°	103
45°	7

MXTG2-RTRD308WWD2-CR

REPORT #:

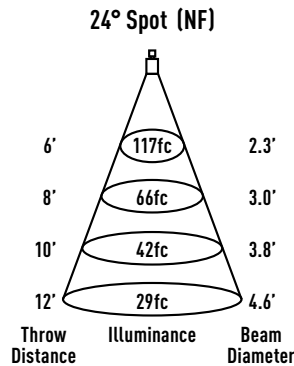
ILL20180913-13.002 (24)
ILL20180917-4.002 (30)
ILL20180919-4.002 (45)

TRIM MULTIPLIERS:

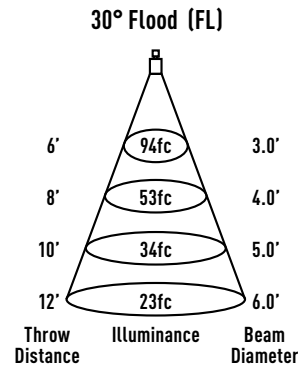
MXTG2-RTRD308 (x 1.00)
MXTG2-RTRR308 (x 0.98)

LENS MULTIPLIERS:

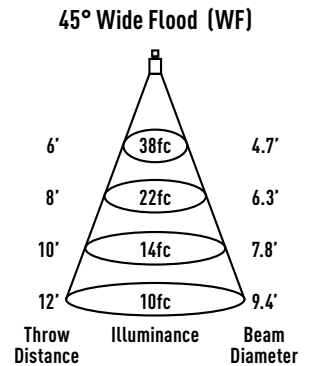
Solite (x 0.92)
Clear (x 1.00)
Frosted (x 0.92)



Watts: 16.4
Lumens: 618
LPW: 38
CCT: 3000K



Watts: 16.4
Lumens: 887
LPW: 54
CCT: 3000K



Watts: 16.4
Lumens: 728
LPW: 44
CCT: 3000K

Intensity	
Degree	Candela
0°	4197
5°	3678
15°	873
25°	66
35°	9
45°	4

Intensity	
Degree	Candela
0°	3369
5°	3225
15°	1485
25°	304
35°	42
45°	4

Intensity	
Degree	Candela
0°	1374
5°	1343
15°	1055
25°	479
35°	125
45°	8