

MXRG2DRTR

3.5" MX G2 Warm Dim Downlight with Remodel Housing

ELECTRICAL DATA

LED Light Engine	System Wattage *	CCT / CRI	Delivered Lumens **
WD1	13.5W	3000K-1800K / 92 CRI	900lm
WD2	16.5W	3000K-1800K / 92 CRI	1150lm

* 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%
- EdoLED 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 die-cast A380 aluminum trims with durable powder coat finishes. Architectural, discrete self flange or painted white flange options available. 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.

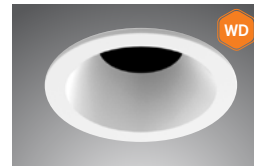
INSTALLATION

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.

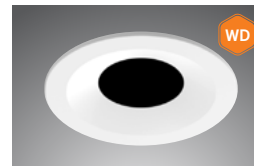
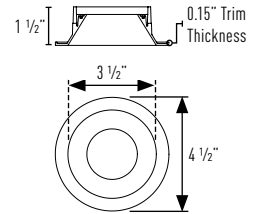
LISTING / WARRANTY

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

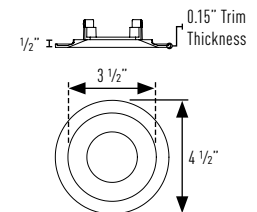
JOB NAME	CATALOG NUMBER
NOTES	TYPE



MXTG2-RTRD300
(1 1/2" Regress)



MXTG2-RTRR300
(1/2" Regress)



Housing Dimensions Are On Page 2

Available Trim Finishes



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

Housing	Installation Type	Wattage	Dimming	Voltage
MXRG2DRTR	-NC (Non-IC)	WD1 (13.5W)	DIM¹ (Phase Dimming)	blank (120V)
		WD2 (16.5W)	D101 (0-10V Dimming 1%)	27 (277V)
			ED10V1 (EdoLED 0-10V 1%)	
			ED10V01 (EdoLED 0-10V 0.1%)	
			LUT (Lutron® LDE1 EcoSystem 1%)	
			LUT2¹ (Lutron® LTEA2W 2-Wire 1%)	
			DMXR² (DMX512 RDM 0.1%)	

Trim Part Number (Example: MXTG2-RTRD300W-SFWD1NF)

Trim	Finish	Wattage	Optic
MXTG2-RTRD300 (1 1/2" Regress)	B-SF (Black / Self Flanged)	WD1 (13.5W)	NF (24° Narrow Flood)
MXTG2-RTRR300 (1/2" Regress)	B-SFW (Black / Self Flanged White)	WD2 (16.5W)	FL (30° Flood)
	W-SF (White / Self Flanged)		WF (45° Wide Flood)
	SN-SF (Satin Nickel / Self Flanged)		
	SN-SFW⁴ (Satin Nickel / Self Flanged White)		
	AB-SF (Antique Bronze / Self Flanged)		
	AB-SFW⁴ (Antique Bronze / Self Flanged White)		
	WH-SF (Wheat / Self Flanged)		
	WH-SFW⁴ (Wheat / Self Flanged White)		

- Notes:**
1. Available in 120V only
 2. Not available with WD1
 3. Access above ceiling required
 4. Consult factory for lead times

Accessories: (2) accessories max, accessory holder required.

- 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)

MX DOWNLIGHTING REMODEL L/M-0617-21 P-1

INTENSE LIGHTING | 3340 E La Palma Ave, Anaheim, CA 92806 | tel 714 630-9877 | fax 714 630-9883

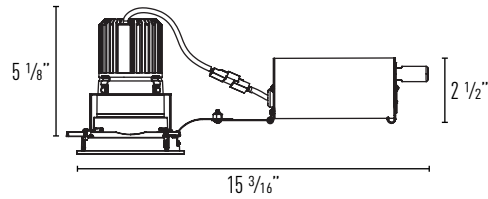
For Intense Lighting's limited product warranty, go to www.intenselightning.com. For a printed copy of the warranty, you may call 800 961-5321.

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MXRG2DRTR

3.5" MX G2 LED Downlight with Remodel Housing

DRIVER: Non-Dimming / DELV / D10

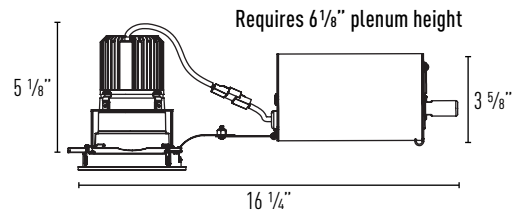


Ceiling Cut Out: 4 1/8"

Minimum Ceiling Thickness: 5/16"

Maximum Ceiling Thickness: 3/4"

DRIVER: eldoLED / Lutron / DMX



Ceiling Cut Out: 4 1/8"

Minimum Ceiling Thickness: 5/16"

Maximum Ceiling Thickness: 3/4"

ACCESSORIES

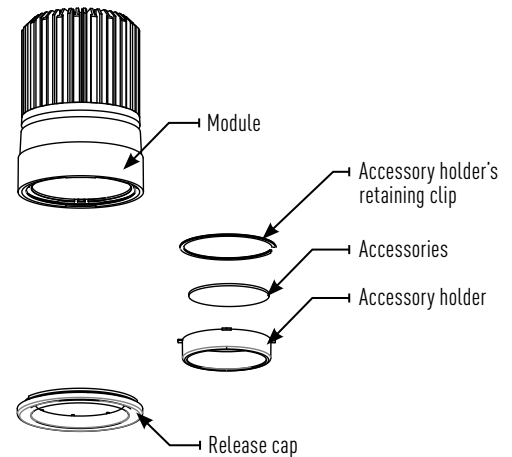
Luminaire will accommodate (2) accessories, accessory holder required.

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)

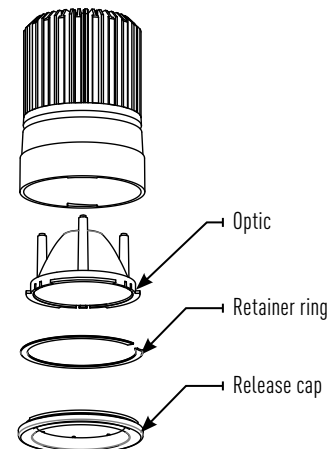


OPTICS REPLACEMENT

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-OP4724	(24° Narrow Flood)
IP-OP4736	(30° Flood)
IP-OP4750	(45° Wide Flood)



MX DOWNLIGHTING REMODEL L/M-0617-21 P-2

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JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

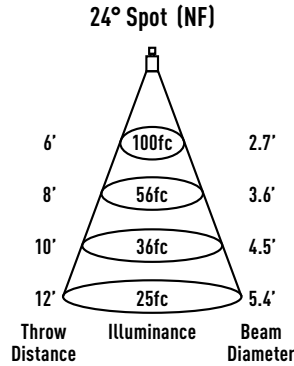
MXTG2-RTRD300WWD1

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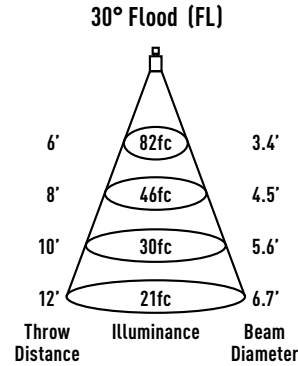
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ILL20180917-1.001 (30)
ILL20180919-1.001 (45)

TRIM MULTIPLIERS:

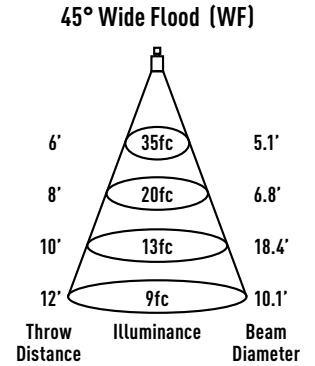
MXTG2-RTRD300 (x 1.00)
MXTG2-RTRR300 (x 0.90)



Watts: 13.5
Lumens: 846
LPW: 63
CCT: 3000K



Watts: 13.5
Lumens: 959
LPW: 71
CCT: 3000K



Watts: 13.5
Lumens: 824
LPW: 61
CCT: 3000K

Intensity	
Degree	Candela
0°	3586
5°	3212
15°	1360
25°	316
35°	27
45°	6

Intensity	
Degree	Candela
0°	2964
5°	2826
15°	1582
25°	444
35°	64
45°	9

Intensity	
Degree	Candela
0°	1268
5°	1240
15°	988
25°	540
35°	204
45°	53

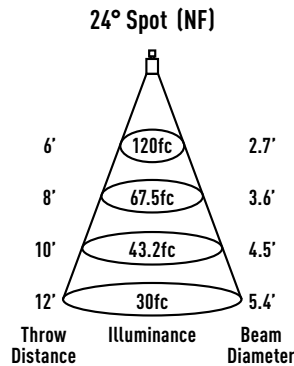
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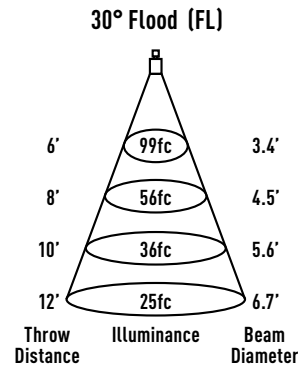
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TRIM MULTIPLIERS:

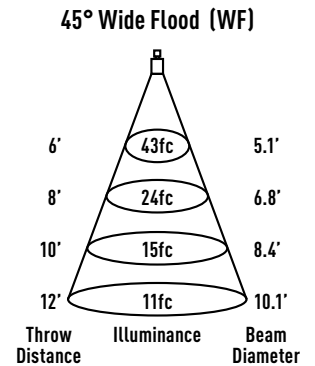
MXTG2-RTRD300 (x 1.00)
MXTG2-RTRR300 (x 0.90)



Watts: 16.4
Lumens: 1021
LPW: 62
CCT: 3000K



Watts: 16.4
Lumens: 1155
LPW: 70
CCT: 3000K



Watts: 16.4
Lumens: 993
LPW: 61
CCT: 3000K

Intensity	
Degree	Candela
0°	4320
5°	3870
15°	1639
25°	380
35°	33
45°	8

Intensity	
Degree	Candela
0°	3571
5°	3405
15°	1906
25°	535
35°	77
45°	11

Intensity	
Degree	Candela
0°	1529
5°	1495
15°	1191
25°	651
35°	246
45°	64