

MXRG2DSTR

3.5" MX G2 Warm Dim LED Square Downlight with Remodel Housing

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

ELECTRICAL DATA

LED Light Engine	System	CCT / CRI	Delivered Lumens **
WD1	13.5W	3000K-1800K / 92 CRI	900lm
WD2	16.5W	3000K-1800K / 92 CRI	1100lm

* 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 die-cast A380 aluminum trims with durable powder coat finishes. Architectural, discrete self flange or painted white flange options available. Trims available in 1 1/2" regress for greater visual comfort or 1/2" regress for consistent look throughout space.

INSTALLATION

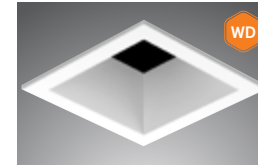
Frame-in installs from below the ceiling. Swing out lugs allow for installation in ceilings between 5/16" and 3/4". Max. ambient temperature: 131°F (55°C). Housing is Non-IC rated, must be kept at a minimum of 3" away from insulation.

ACCESSORIES

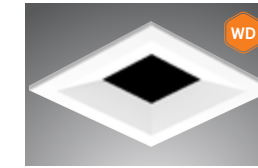
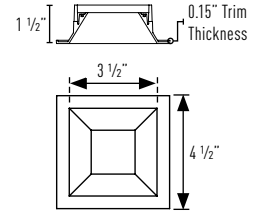
Luminaire will accommodate (2) accessories, accessory holder required, see page 2.

LISTING / WARRANTY

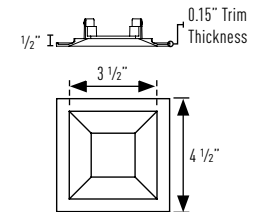
- 5-Year Intense LED Limited Warranty
- ETL listed to US and Canadian standards for damp locations



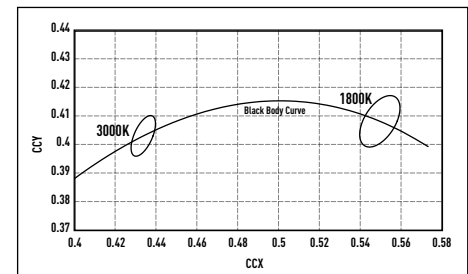
MXTG2-STRD300
(1 1/2" Regress)



MXTG2-STRR300
(1/2" Regress)



Available Trim Finishes



Housing Part Number (Example: MXRG2DSTR-NCWD1-DIM)

Housing	Installation Type	Wattage	Dimming	Voltage
MXRG2DSTR	-NC (Non-IC)	WD1 (13.5W)	DIM ¹ (Phase Dimming)	blank (120V)
		WD2 (16.5W)	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%)	27 (277V)

Trim Part Number (Example: MXTG2-STRD300W-SFWD1NF)

Trim	Finish	Wattage	Optic
MXTG2-STRD300 (1 1/2" Regress)	B-SF (Black / Self Flanged)	WD1 (13.5W)	NF (24° Narrow Flood)
	B-SFW (Black / Self Flanged White)	WD2 (16.5W)	FL (30° Flood)
MXTG2-STRR300 (1/2" Regress)	W-SF (White / Self Flanged)		WF (45° Wide Flood)
	SN-SF (Satin Nickel / Self Flanged)		
	SN-SFW ³ (Satin Nickel / Self Flanged White)		
	AB-SF (Antique Bronze / Self Flanged)		
	AB-SFW ³ (Antique Bronze / Self Flanged White)		
	WH-SF (Wheat / Self Flanged)		
	WH-SFW ³ (Wheat / Self Flanged White)		

Notes:

- Available in 120V only
- DMX512 RDM not available in WD1
- Consult factory for lead times

MX DOWNLIGHTING REMODEL L/M-0612-20 P-13

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.intenselight.com. For a printed copy of the warranty, you may call 800 961-5321.

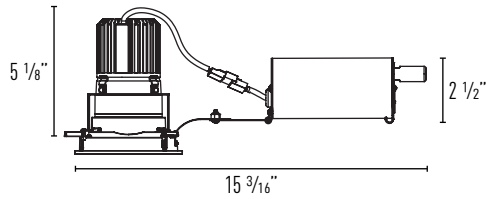
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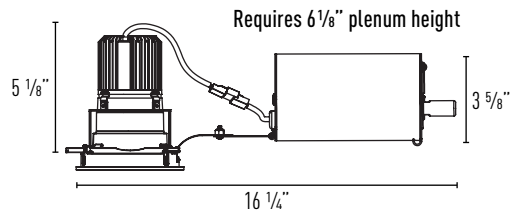
JOB NAME		CATALOG NUMBER	
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DRIVER: Phase / D10V



Ceiling Cut Out: 4 1/16" x 4 1/16"
 Minimum Ceiling Thickness: 5/16"
 Maximum Ceiling Thickness: 3/4"

DRIVER: eldoLED / Lutron / DMX



Ceiling Cut Out: 4 1/16" x 4 1/16"
 Minimum Ceiling Thickness: 5/16"
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ACCESSORIES

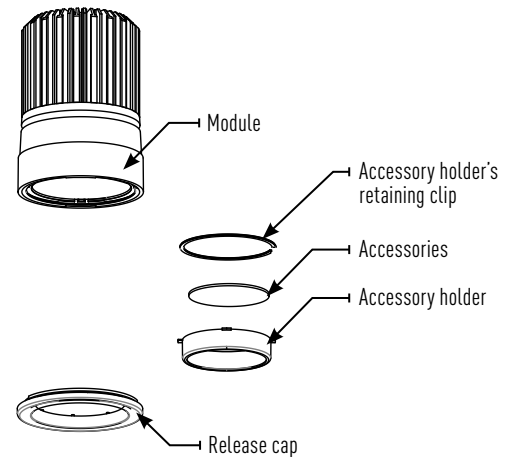
Luminaire will accommodate (2) accessories, accessory holder required.

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)

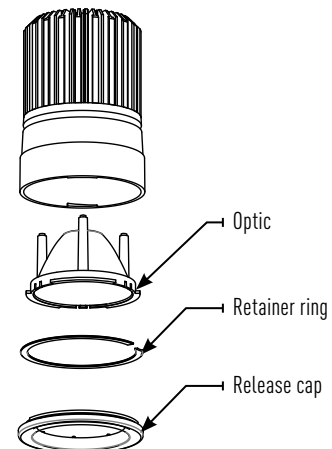


OPTICS REPLACEMENT

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)



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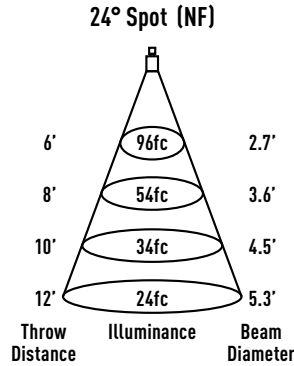
MXTG2-STRD300WWD1

REPORT #:

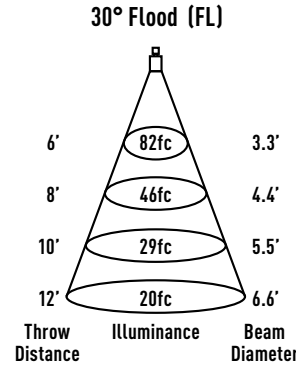
ILL20181001-9.001 (24)
ILL20180917-17.001 (30)
ILL20180919-25.001 (45)

TRIM MULTIPLIERS:

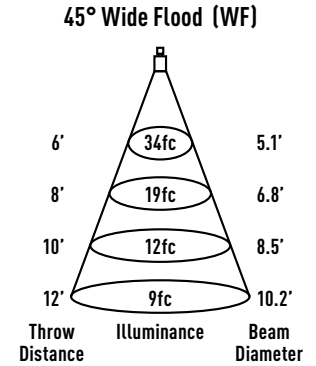
MXTG2-STRD300 (x 1.00)
MXTG2-STRR300 (x 0.93)



Watts: 13.5
Lumens: 784
LPW: 58
CCT: 3000K



Watts: 13.5
Lumens: 936
LPW: 69
CCT: 3000K



Watts: 13.5
Lumens: 816
LPW: 60
CCT: 3000K

Intensity	
Degree	Candela
0°	3442
5°	3074
15°	1196
25°	212
35°	26
45°	7

Intensity	
Degree	Candela
0°	2938
5°	2778
15°	1549
25°	415
35°	61
45°	10

Intensity	
Degree	Candela
0°	1233
5°	1206
15°	971
25°	531
35°	202
45°	52

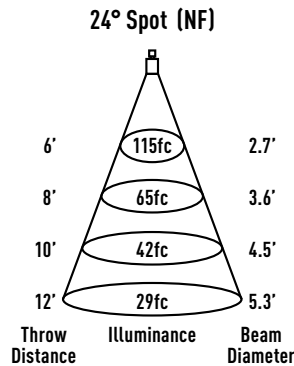
MXTG2-STRD300WWD2

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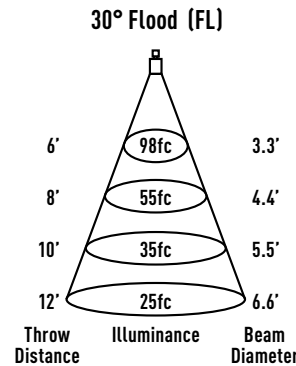
ILL20181001-9.002 (24)
ILL20180917-17.002 (30)
ILL20180919-25.002 (45)

TRIM MULTIPLIERS:

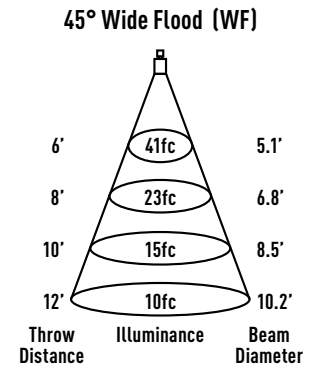
MXTG2-STRD300 (x 1.00)
MXTG2-STRR300 (x 0.93)



Watts: 16.4
Lumens: 945
LPW: 58
CCT: 3000K



Watts: 16.4
Lumens: 1128
LPW: 69
CCT: 3000K



Watts: 16.4
Lumens: 983
LPW: 60
CCT: 3000K

Intensity	
Degree	Candela
0°	4147
5°	3704
15°	1441
25°	255
35°	31
45°	8

Intensity	
Degree	Candela
0°	3540
5°	3347
15°	1866
25°	500
35°	73
45°	12

Intensity	
Degree	Candela
0°	1486
5°	1454
15°	1170
25°	640
35°	244
45°	63