

MXFG2DSTR

3.5" MX G2 Naked Warm Dim Square Lensed Downlight

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

ELECTRICAL DATA

LED Light Engine	System Wattage *	CCT / CRI	Delivered Lumens **	Lumens Per Watt
WD1	13.5W	3000K-1800K / 92 CRI	900lm	66 lm/W
WD2	16.5W	3000K-1800K / 92 CRI	1150lm	70 lm/W

* System Wattage include 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

LED LIGHT ENGINE

- 3000K to 1800K programmable tuning at 92 CRI
- 50,000 hours L70 (rated life at 70% output)

ELECTRICAL SYSTEM

- Multiple dimming drivers available
- 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

- 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

HOUSING

- Heavy duty galvanized 18 gauge steel frame
- Standard plaster frame accommodates 1/2" to 1-1/4" ceiling thickness
- Extended collar options available for ceilings up to 1-1/4" to 2-1/2" thick

TRIM SPECIFICATION

- A380 aluminum die-cast trims
- Durable powder coat available in multiple finishes
- Clear tempered glass standard, must specify solite
- Discrete self flange painted

INSTALLATION

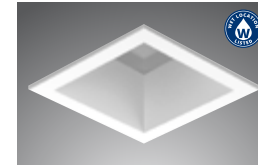
- Non-IC rated housings must be kept at a minimum of 3" away from insulation
- Fixture includes adjustable bar hangers (14"-24") for wood joist or t-bar ceiling installations
- Bar hangers can be installed in either direction
- Maximum ambient temperature: 95°F (35°C)

EMERGENCY BACKUP

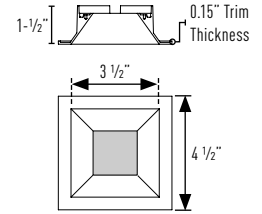
- Remote test switch included
- External battery operates LED load at a minimum of 500lm to 850lm for 90 minutes, depending on backup wattage selected
- Servicing requires above ceiling access

LISTING / WARRANTY

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



MXTFG2-STRD302
(1-1/2" Regress with Lens)



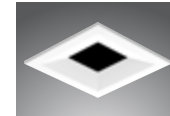
Available Trim Finishes



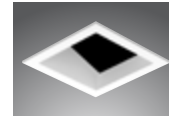
Housing dimensions are on Page 2

Related Products

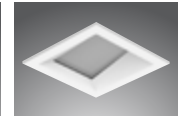
For adjustable, wall wash and other trim options see standard MX Downlight Products



Please see [MXG2DSTR](#)
For more downlight trim options



Please see [MXG2ASTR](#)
For adjustable alternative



Please see [MXG2WSTR](#)
For wall alternative

Housing Part Number (Example: MXFG2DSTR-NCWD1DELV)

Housing	Installation Type	Ceiling Thickness	Wattage	Dimming	Voltage	Options
MXFG2DSTR	-NC (Non-IC)	blank (1/2" to 1-1/4")	WD1 (13.5W)	DELV ¹ (Phase Dimming)	blank (120V)	EM7 ³ (7W Emergency Backup IOTA Part #ILB-CP07-A) EM12 ³ (12W Emergency Backup IOTA Part #ILB-CP12-A)
		EC2 (1-1/4" to 2-1/2")	WD2 (16.5W)	D101 (0-10V Dimming 1%) LUT ² (Lutron® LDE1 EcoSyst™m 1%)	27 (277V)	

Trim Part Number (Example: MXTFG2-STRD302W-SFWD1NF-CR)

Trim	Trim Finish	Trim Type	Wattage	Optic	Lens
MXTFG2-STRD302 (1-1/2" Regress)	W (White)	-SF (Self Flanged)	WD1 (13.5W)	NF (24° NFL)	-CR (Clear Tempered Glass) (Solite)
	B ⁴ (Black)		WD2 (16.5W)	FL (30° FL)	
	SN ⁴ (Satin Nickel)			WF (45° WFL)	

Notes:

- Available in 120V only
- Not available with WD1
- Access above ceiling required
- Consult factory for lead times

SPECIFICATION SHEET | M-0405-23 P-10

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

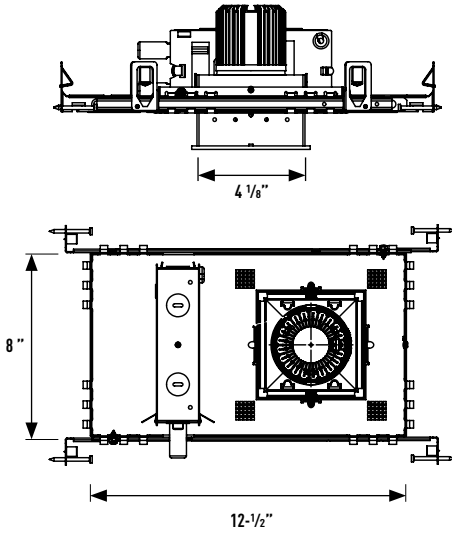
For Intense Lighting's limited product warranty, go to www.intenselighting.com. For a printed copy of the warranty, you may call 800 961-5321.

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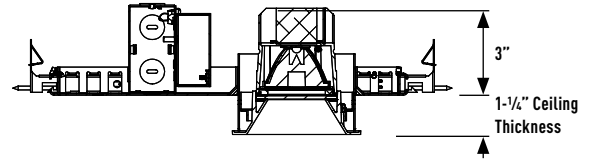
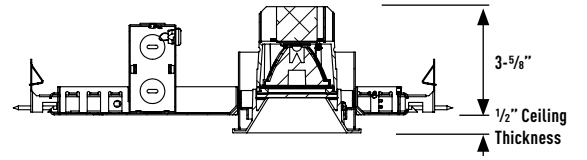
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HOUSING DIMENSIONS



JOB NAME		CATALOG NUMBER	
NOTES		TYPE	



Adjustable Collar Height

Collar Type	Standard	EC2
Max Ceiling Thickness	1/2" - 1 1/4"	1 1/4" - 2 1/2"

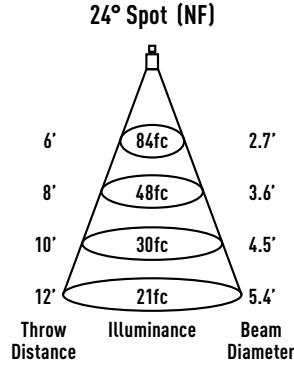
JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

MXTG2-STLD302WWD1-CR

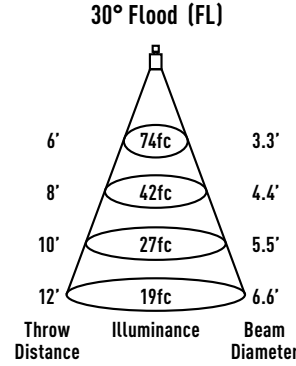
REPORT #:
 ILL20181001-10.001 (24)
 ILL20180917-18.001 (30)
 ILL20180919-26.001 (45)

TRIM MULTIPLIERS:
 MXTG2-STRD302 (x 1.00)
 MXTG2-STRR302 (x 0.93)

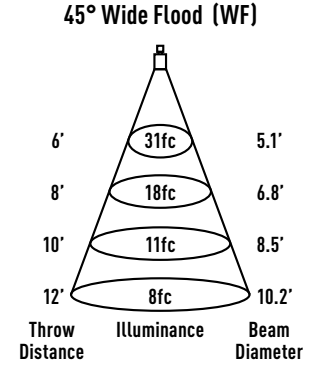
LENS MULTIPLIERS:
 Solite (x 0.92)
 Clear (x 1.00)
 Frosted (x 0.92)



Watts: 13.5
Lumens: 699
LPW: 52
CCT: 3000K



Watts: 13.5
Lumens: 855
LPW: 63
CCT: 3000K



Watts: 13.5
Lumens: 743
LPW: 55
CCT: 3000K

Intensity	
Degree	Candela
0°	3039
5°	2718
15°	1069
25°	199
35°	24
45°	5

Intensity	
Degree	Candela
0°	2665
5°	2521
15°	1405
25°	386
35°	61
45°	9

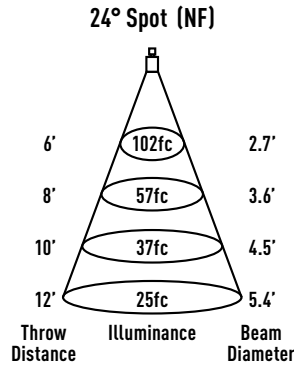
Intensity	
Degree	Candela
0°	1117
5°	1093
15°	881
25°	482
35°	185
45°	49

MXTG2-STLD302WWD2-CR

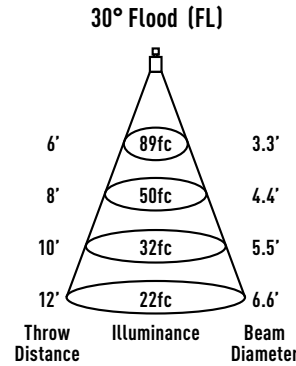
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TRIM MULTIPLIERS:
 MXTG2-STRD302 (x 1.00)
 MXTG2-STRR302 (x 0.93)

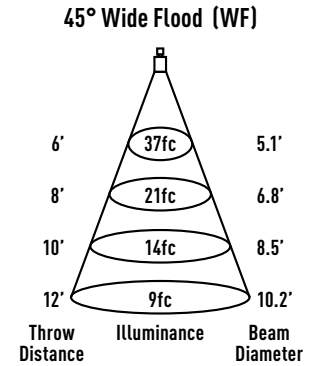
LENS MULTIPLIERS:
 Solite (x 0.92)
 Clear (x 1.00)
 Frosted (x 0.92)



Watts: 16.4
Lumens: 842
LPW: 51
CCT: 3000K



Watts: 16.4
Lumens: 1030
LPW: 63
CCT: 3000K



Watts: 16.4
Lumens: 895
LPW: 55
CCT: 3000K

Intensity	
Degree	Candela
0°	3661
5°	3274
15°	1289
25°	239
35°	29
45°	6

Intensity	
Degree	Candela
0°	3211
5°	3037
15°	1693
25°	465
35°	73
45°	11

Intensity	
Degree	Candela
0°	1346
5°	1317
15°	1061
25°	581
35°	223
45°	59