

MXFG2DSTR

3.5" MX G2 Naked Warm Dim Square 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
- Discrete self flange painted

TRIMLESS MUD RING:

Perforated collar for seamless and trimless mounting. Must be ordered separately and can only be used in conjunction with trimless trims.

INSTALLATION

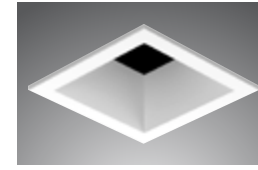
- Non-IC rated housings must be kept at a minimum of 3" away from insulation
- Fixture includes adjustable bar hangers (14"-24") for wood joist or t-bar ceiling installations
- Bar hangers can be installed in either direction
- Maximum ambient temperature: 95°F (35°C)

EMERGENCY BACKUP

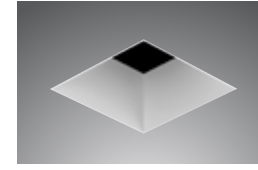
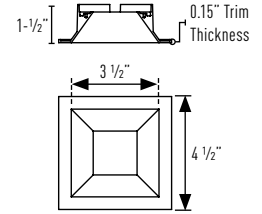
- Remote test switch included
- External battery operates LED load at a minimum of 500lm to 850lm for 90 minutes, depending on backup wattage selected
- Servicing requires above ceiling access

LISTING / WARRANTY

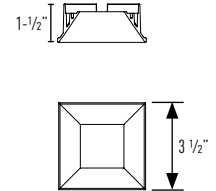
- 5-Year Intense LED Limited Warranty
- ETL listed to US and Canadian standards for damp locations



MXTFG2-STRD300
(1-1/2" Regress)



MXTFG2-STLD300
(1-1/2" Regress Trimless Trim)



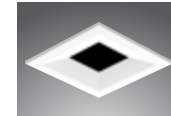
Available Trim Finishes



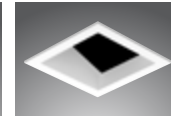
Housing dimensions are on Page 2

Related Products

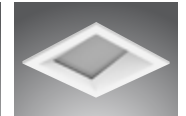
For adjustable, wall wash and other trim options see standard MX Downlight Products



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)
		EC2 (1-1/4" to 2-1/2")	WD2 (16.5W)	D101 (0-10V Dimming 1%) LUT ² (Lutron® LDE1 EcoSyst™ 1%)	27 (277V)	EM12 ³ (12W Emergency Backup IOTA Part #ILB-CP12-A)

Trim Part Number (Example: MXTFG2-STRD300W-SFWD1NF)

Trim	Trim Finish	Trim Type	Wattage	Optic
MXTFG2-STRD300 (1-1/2" Regress)	W (White)	-SF (Self Flanged)	WD1 (13.5W)	NF (24° NFL)
	B ⁴ (Black)	blank ⁵ (Trimless, for use with mud ring only)	WD2 (16.5W)	FL (30° FL)
MXTFG2-STLD300 (1-1/2" Regress Trimless Trim)	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
- Trimless options are for use with mud ring accessory only

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)

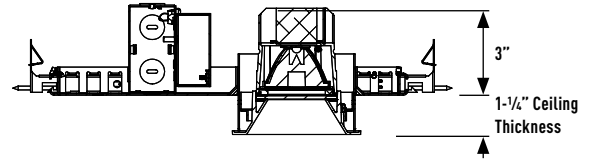
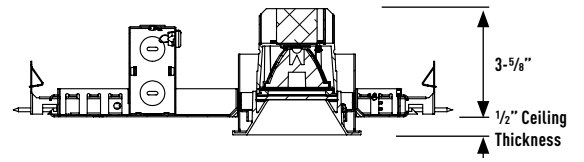
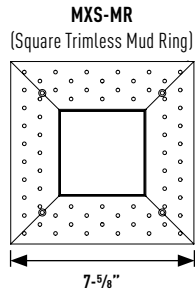
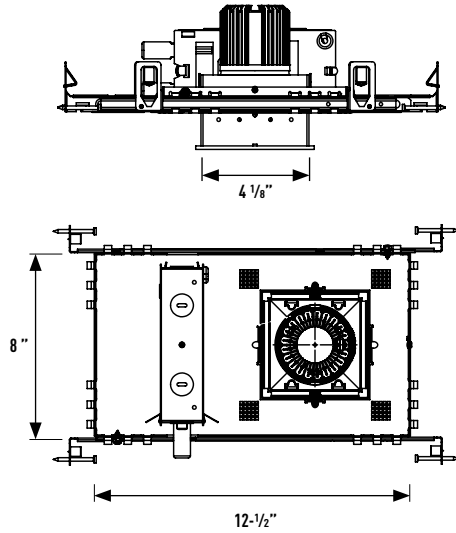
Mud Ring⁶

- MXS-MR (Square Trimless Mud Ring)

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HOUSING DIMENSIONS



Adjustable Collar Height

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

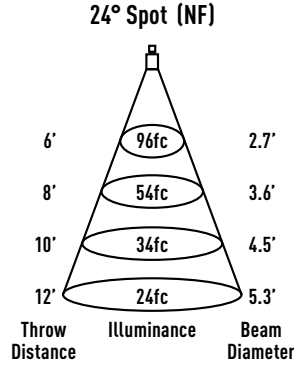
JOB NAME	CATALOG NUMBER
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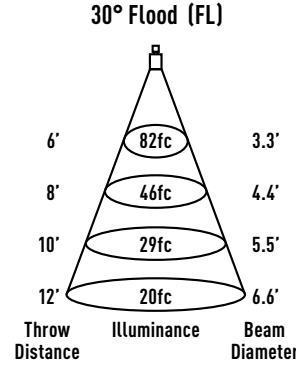
MXTG2-STLD300WWD1

REPORT #:
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 ILL20180917-17.001 (30)
 ILL20180919-25.001 (45)

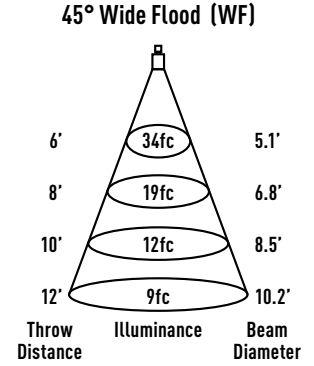
TRIM MULTIPLIERS:
 MXTG2-STRD300 (x 1.00)
 MXTG2-STRR300 (x 0.93)



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

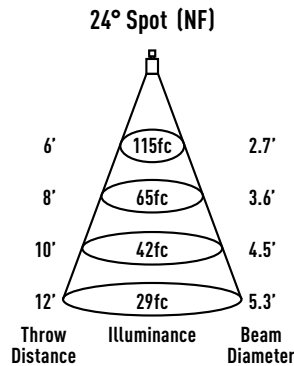
Intensity	
Degree	Candela
0°	2938
5°	2778
15°	1549
25°	415
35°	61
45°	10

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

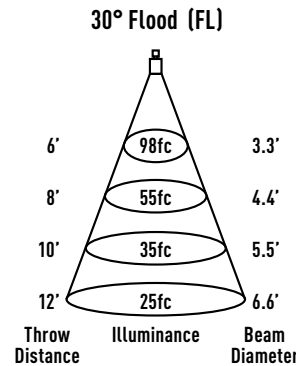
MXTG2-STLD300WWD2

REPORT #:
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 ILL20180917-17.002 (30)
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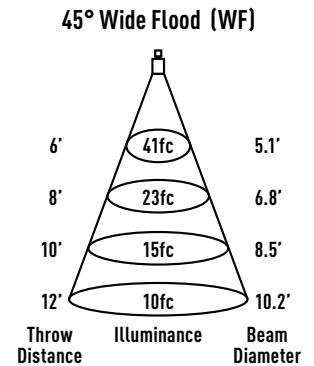
TRIM MULTIPLIERS:
 MXTG2-STRD300 (x 1.00)
 MXTG2-STRR300 (x 0.93)



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