MXG2DSTR
3.5" MX G2 TunableWhite Square Lensed Pinhole - Wet Location

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

ELECTRICAL DATA

LED Light Engine	System Wattage *	CCT / CRI	Delivered Lumens **	Lumens Per Watt
TW05	8W	3500K / 92 CRI	500lm	62.5 lm/W
TW0	11W	3500K / 92 CRI	750lm	68.2 lm/W
TW1	17W	3500K / 92 CRI	1000lm	58.8 lm/W

*System Wattage includes driver and LED Module consumption. | **Delivered lumens will vary depending on trim, CCT, CRI, optic and ceiling thickness

FEATURES
- Multiple architectural trim options
- Field changeable 14° 26°, 30° or 45° optics

LED LIGHT ENGINE
- Tuning range from 2700K-6500K at a minimum of 92 CRI
- 3 SDCM binning throughout the tunable CCT range
- Wattage: 8W to 17W
- Rated life of >50,000 hours L70 based on LED testing per LM-80-08 and projected values using IESNA TM21-11

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
- eldoLED Dual Drive 2CH 0-10V 0.1% (Remote Only)
- Lutron T-Series 1% 2CH tunable white driver (Remote Only)
- DMX512 RDM 8-bit 0.1% (Remote Only)
- eldoLED Dual Drive DALI (DT6/DT8) 0.1%

HOUSING
- Heavy duty black powder coated 18 gauge steel frame
- Standard housing accommodates ⅝" ceiling thickness
- Extended collar options available for ceilings up to 1" or 2" thick, must specify either EC1 or EC2.

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
Housing types include IC Air-Tight, or Non-IC Rated (must specify). Non-IC rated housings must be kept at a minimum of 3" away from insulation. Butterfly brackets are compatible with C-channel, adjustable bar hangers (14"-25") and EMT. C-channel is recommended for T-bar ceilings. Bar hangers must be ordered separately. Max. ambient temperature: 131°F (55°C). Maximum ambient temperature: 95°F (35°C)

REMOTE BOX
- Remote box included when required by specification
- Galvanized steel construction
- Separate line voltage and low voltage wiring compartments
- 50ft remote distance maximum
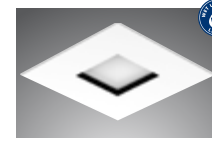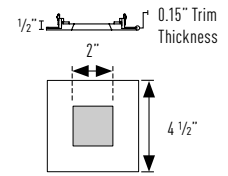
LISTING / WARRANTY
- 5-Year Intense LED Limited Warranty
- ETL listed to US and Canadian standards for wet locations
- (-IC Only) Air-Tight Certified ASTM E283
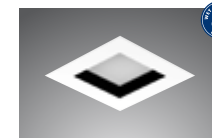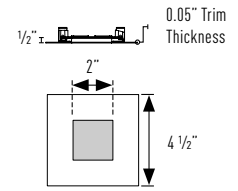- (-IC Only) ETL listed for direct contact w/insulation
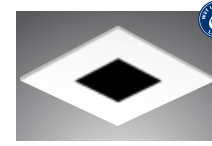
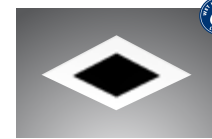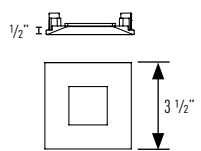**MXTG2-STRD308**
(1-1/2" Lensed Regress)
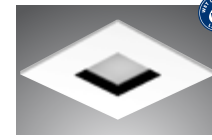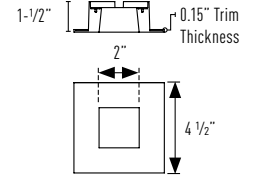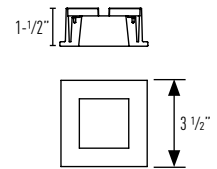

MXTG2-STRR308
(1/2" Lensed Regress)

MXTG2-SFRR308
(1/2" Lensed Flat Mount)

MXTG2-STLR308
(1/2" Lensed Regress Trimless)

MXTG2-STLD308
(1-1/2" Lensed Regress Trimless)

Available Trim Finishes: Black | White | Satin Nickel | Antique Bronze | Wheat

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Housing Part Number (Example: MXG2DSTR-ICTW05-ED10V01)

Housings	Ceiling Thickness	Wattage	Dimming		Voltage
MXG2DRTR-NC (Non-IC)	blank (⅝")	**TW05** (8W)	**-ED10V01**[1]	(eldoLED Dual Drive 2CH 0-10V 0.1%)	blank (Non-IC: 120V -IC: 120V/277V)
MXG2DRTR-IC (Air-Tight IC)	**EC1** (1")	**TW0** (11W)	**-LUTT**[1]	(Lutron® T Series 1%)	**27** (277V Non-IC Only, for -IC housing options use blank)
	EC2 (2")	**TW1** (17W)	**-DMXR**[1]	(DMX512 RDM 8-bit 0.1%)	
			-DALI6[2]	(eldoLED Dual Drive DALI DT6 0.1%)	
			-DALI8[2]	(eldoLED Dual Drive DALI DT8 0.1%)	

Bar Hangers

I100	(C-Channel Bar Hangers)
I200	(Flat Bar Hangers)
I400	(Wood Joist Bar Hangers)

Mud Ring

MXS-MR[1]	(Square Trimless Mud Ring)

Trim Part Number (Example: MXTG2-STRD308BTWSP-SL)

Trim	Finish	CCT Range	Optic	Lens
MXTG2-STRD308 (1-1/2" Lensed Regress)	**W** (White)	**TW** (2700K-6500K)	**SP** (14° SP)	**-SL** (Solite)
MXTG2-STLD308[3] (1-1/2" Lensed Regress Trimless)	**B**[4] (Black)		**NF** (26° NFL)	**-CR** (Clear Tempered)
MXTG2-STRR308 (1/2" Lensed Regress)	**SN**[4] (Satin Nickel)		**FL** (30° FL)	**-FR** (Frosted)
MXTG2-STLR308[3] (1-1/2" Lensed Regress Trimless)	**AB**[4] (Antique Bronze)		**WF** (45° WFL)	
MXTG2-SFRR308 (1/2" Lensed Flat Mount)	**WH**[4] (Wheat)			

Notes:
1. AIC only, Remote Box Required
2. Not Available with AIC or CP in TW1
3. Trimless options are for use with mud ring accessory only
4. Consult factory for lead times

MX DOWNLIGHTING L/M-0512-21 P-35

intense LIGHTING | a LEVITON company

MXG2DSTR
3.5" MX G2 TunableWhite Square Lensed Pinhole - Wet Location

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

NON-IC & AIR TIGHT IC DIMENSIONS

12"

6"

⅝" Standard
EC1 = 1"
EC2 = 2"

12"

7.¹³⁄₁₆"
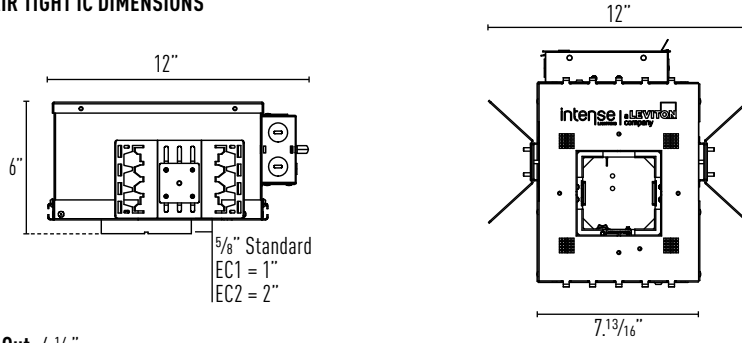
Ceiling Cut Out: 4 ⅛"

Plaster Frame Accommodation

Collar Type	Standard	EC1	EC2
Max Ceiling Thickness	Up-to ⅝"	Up-to 1"	Up-to 2"

REMOTE MOUNTED DRIVER OPTIONS

16"

4 ³⁄₁₆"

2"

17 ⁹⁄₁₆"

4 ³⁄₁₆"

2 ⁵⁄₁₆"
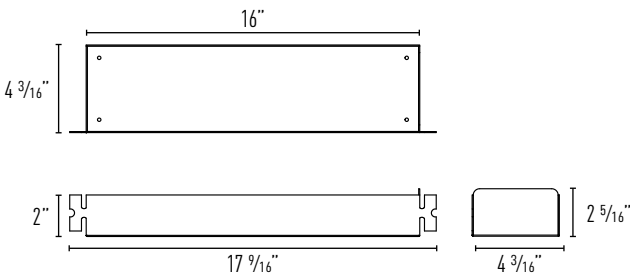
Remote Driver Box For

eldoLED Dual Drive 2CH 0-10V 0.1%
Lutron T-Series 1% 2CH tunable white driver
DMX512 RDM 8-bit 0.1%

Note: Wires for class 2 LED driver require a minimum of 18 AWG wire at a maximum of 50 feet length per local and national electrical regulations.

System Wattage			
Lumen Package	CCT	120V	277V
TW05 (500lm)	2700K	8W	10W
	3500K	8W	9W
	6000K	7W	8W
TW0 (750lm)	2700K	13W	14W
	3500K	11W	12W
	6000K	10W	12W
TW1 (1000lm)	2700K	21W	22W
	3500K	17W	18W
	6000K	16W	17W

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-OP4712 (14° Spot)
IP-OP4724 (26° Narrow Flood)
IP-OP4736 (30° Flood)
IP-OP4750 (45° Wide Flood)

Optic

Retainer ring

Release cap

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