MXFG2DSTR

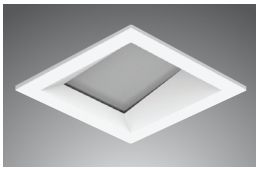
3.5" MX G2 Naked LED Wall Wash Square Downlight

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

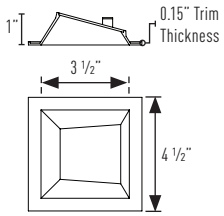
ELECTRICAL DATA

LED Light Engine	System Wattage *	CCT / CRI	Delivered Lumens **	Lumens Per Watt
L0	11W	3000K / 82 CRI	536lm	70
L1	16W	3000K / 82 CRI	746lm	63
L2	22W	3000K / 82 CRI	895lm	58
L3	27W	3000K / 82 CRI	1025lm	62

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



MXTFG2-STRW300
(1" Regress)



FEATURES

- High center beam spot up to 24,500 CBCP
- Available optics: 12°, 24°, 36° or 50°

LED LIGHT ENGINE

- 92 CRI & 82 CRI in 2700K, 3000K, 3500K or 4100K with 2SDCM binning
- >50,000 hours L70 (rated life at 70% output)

ELECTRICAL SYSTEM

- Dedicated voltage options of 120V or 277V. Must be specified in catalog code.
- 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
- DMX512 RDM 0.1%

HOUSING

- Heavy duty galvanized 18 gauge steel frame
- Standard plaster frame accommodates ½" to 1-¼" ceiling thickness
- Extended collar options available for ceilings up to 1-¼" to 2-½" thick

TRIM SPECIFICATION

High performance wall wash with asymmetric distribution provides uniform vertical illumination (see spacing criteria on next pages). Durably constructed with die-cast A380 aluminum and powder coat finish.

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 400lm to 650lm for 90 minutes, depending on backup wattage
- Servicing requires above ceiling access

LISTING / WARRANTY

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

Available Trim Finishes



Black White Satin Nickel

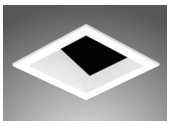
Housing dimensions on Page 2

Related Products

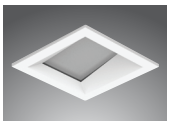
For Adjustable, Wall Wash and other Trim options see standard MX Downlight Products



See MXG2DSTR for more downlight trim options



See MXG2ASTR for adjustable alternative



See MXG2WSTR for wall alternative

Housing Part Number (Example: MXFG2DSTR-NCL2DELV)

Housing	Installation Type	Ceiling Thickness	Wattage	Dimming	Voltage	Options
MXFG2DSTR	**-NC** (Non-IC)	blank (½" to 1-¼")	**L0** (11W)	blank (Non-Dimming)	blank (120V)	**EM7**[4] (7W Emergency Backup IOTA Part #ILB-CP07-A)
		EC2 (1-¼" to 2-½")	**L1** (16W)	**DELV**[1] (Phase Dimming)	**27** (277V)	**EM12**[4,5] (12W Emergency Backup IOTA Part #ILB-CP12-A)
			L2 (22W)	**D101** (0-10V Dimming 1%)		
			L3 (27W)	**ED10V1**[2] (eldoLED 0-10V 1%)		
				ED10V01[2] (eldoLED 0-10V 0.1%)		
				LUT[3] (Lutron® LDE1 EcoSystem 1%)		

Trim Part Number (Example: MXTFG2-STRD300W-SFL03024)

Trim	Trim Finish	Trim Type	Wattage	CCT / CRI
MXTFG2-STRW300 (1" Regress)	**W** (White)	**-SF** (Self Flanged)	**L0** (11W)	**27** (2700K / 82 CRI)
	B[6] (Black)		**L1** (16W)	**279** (2700K / 92 CRI)
	SN[6] (Satin Nickel)		**L2** (22W)	**30** (3000K / 82 CRI)
			L3 (27W)	**309** (3000K / 92 CRI)
				35 (3500K / 82 CRI)
				359 (3500K / 92 CRI)
				41 (4100K / 82 CRI)
				419 (4100K / 92 CRI)

Notes:
1. Available in 120V only
2. Not Available in L3
3. Not available with L2 & L3
4. Access above ceiling required
5. Not available in L0
6. Consult factory for lead times

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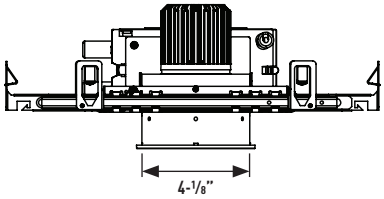
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MXFG2DSTR

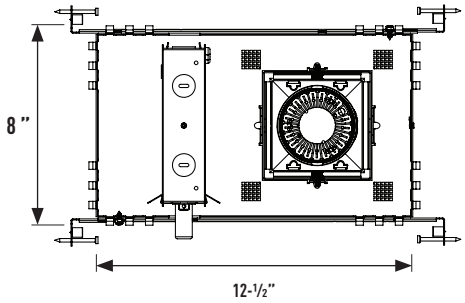
3.5" MX G2 Naked LED Square Downlight

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

HOUSING DIMENSIONS



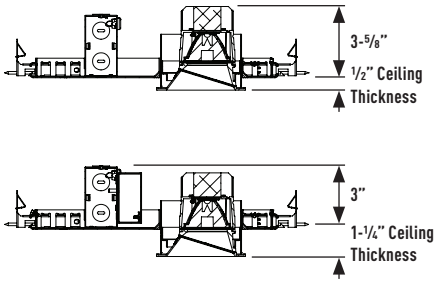
Ceiling Cut-Out: 4-1/8"



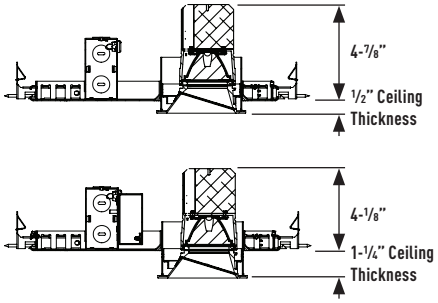
Adjustable Collar Height

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

L0-L1 Lumen Package



L2-L3 Lumen Package



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MX

3.5” MX G2 LED Wall Wash Photometric

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

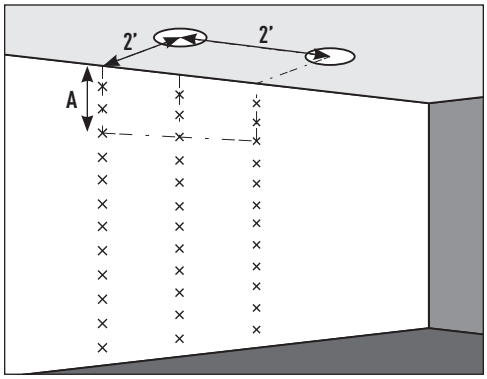
MXTFG2-STRW300WL0

Report #: ILL-02242016-04
Reflector Finish: White
Luminaire Watts: 11.3W
Luminaire Lumens: 536lm
Lumens Per Watt: 54
Color Temperature: 3000K
Color Rendering Index: 82

EMERGENCY MULTIPLIER:
7W Emergency (x 0.70)

(A) Distance From Ceiling	2’ From Wall On 2’ Centers			3’ From Wall On 2’ Centers			3’ From Wall On 3’ Centers		
	2’			2’			3’		
1’	14	14	14	5	5	5	4	3	4
2’	27	27	27	12	12	12	9	9	9
3’	25	25	25	17	17	17	12	12	12
4’	18	18	18	16	17	16	12	12	12
5’	12	12	12	13	14	13	10	10	10
6’	8	8	8	10	10	10	8	8	8
7’	5	6	5	8	8	8	6	6	6
8’	4	4	4	6	6	6	5	5	5
9’	3	3	3	4	4	4	4	4	4
10’	2	2	2	3	3	3	3	3	3
11’	2	2	2	2	2	2	2	2	2
12’	1	1	1	2	2	2	2	2	2

Example: Two luminaires located 2’ from wall and spaced 2’ on center, the illumination on the wall 3’ down from ceiling will be 19fc beneath units and 21fc between units



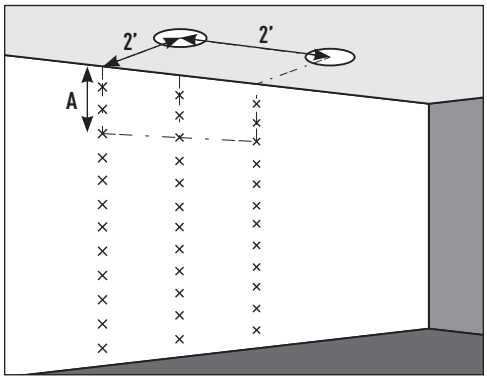
MXTFG2-STRW300WL1

Report #: ILL-02242016-03
Reflector Finish: White
Luminaire Watts: 16W
Luminaire Lumens: 746lm
Lumens Per Watt: 48
Color Temperature: 3000K
Color Rendering Index: 82

EMERGENCY MULTIPLIER:
7W Emergency (x 0.50)
12W Emergency (x 0.85)

(A) Distance From Ceiling	2’ From Wall On 2’ Centers			3’ From Wall On 2’ Centers			3’ From Wall On 3’ Centers		
	2’			2’			3’		
1’	19	19	19	7	7	7	5	5	5
2’	39	38	39	17	18	17	12	12	12
3’	36	36	36	24	24	24	17	17	17
4’	25	26	25	23	24	23	17	17	17
5’	17	17	17	19	19	19	15	15	15
6’	11	11	11	14	15	14	11	11	11
7’	8	8	8	11	11	11	9	9	9
8’	5	6	5	8	8	8	7	7	7
9’	4	4	4	6	6	6	5	5	5
10’	3	3	3	5	5	5	4	4	4
11’	2	2	2	3	4	3	3	3	3
12’	2	2	2	3	3	3	2	2	2

Example: Two luminaires located 2’ from wall and spaced 2’ on center, the illumination on the wall 3’ down from ceiling will be 26fc beneath units and 29fc between units



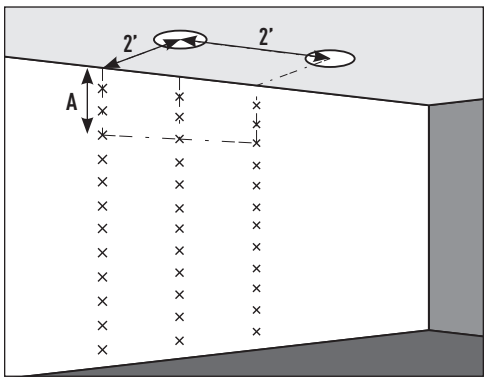
MXTFG2-STRW300WL2

Report #: ILL-02242016-02
Reflector Finish: White
Luminaire Watts: 20.5W
Luminaire Lumens: 895lm
Lumens Per Watt: 44
Color Temperature: 3000K
Color Rendering Index: 82

EMERGENCY MULTIPLIER:
7W Emergency (x 0.40)
12W Emergency (x 0.68)

(A) Distance From Ceiling	2’ From Wall On 2’ Centers			3’ From Wall On 2’ Centers			3’ From Wall On 3’ Centers		
	2’			2’			3’		
1’	26	26	26	9	10	9	7	7	7
2’	53	52	53	23	24	23	17	17	17
3’	49	49	49	32	33	32	23	23	23
4’	34	35	34	31	32	31	23	23	23
5’	23	23	23	26	26	26	20	20	20
6’	15	15	15	19	20	19	15	15	15
7’	10	11	10	14	15	14	12	12	12
8’	7	7	7	11	11	11	9	9	9
9’	5	5	5	8	8	8	7	7	7
10’	4	4	4	6	6	6	5	5	5
11’	3	3	3	5	5	5	4	4	4
12’	2	2	2	4	4	4	3	3	3

Example: Two luminaires located 2’ from wall and spaced 2’ on center, the illumination on the wall 3’ down from ceiling will be 32fc beneath units and 35fc between units



Multipliers: 2700K / 82 CRI (x 0.93); 2700K / 92 CRI (x 0.76); 3000K / 82 CRI (x 1.00); 3000K / 92 CRI (x 0.87); 3500K / 82 CRI (x 1.00); 4100K / 82 CRI (x 1.00)

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MX

3.5” MX G2 LED Wall Wash Photometric

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

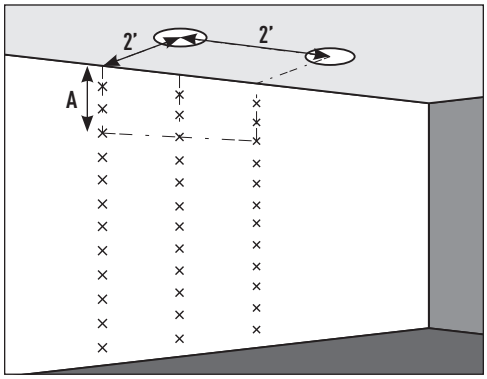
MXTFG2-STRW300WL3

Report #: ILL-02242016-01
Reflector Finish: White
Luminaire Watts: 26.5W
Luminaire Lumens: 1025lm
Lumens Per Watt: 39
Color Temperature: 3000K
Color Rendering Index: 82

EMERGENCY MULTIPLIER:
7W Emergency (x 0.35)
12W Emergency (x 0.59)

(A) Distance From Ceiling	2’ From Wall On 2’ Centers			3’ From Wall On 2’ Centers			3’ From Wall On 3’ Centers		
	2’			2’			3’		
1’	29	29	29	11	11	11	8	8	8
2’	60	59	60	26	27	26	19	19	19
3’	55	55	55	36	37	36	26	26	26
4’	39	39	39	36	36	36	27	26	27
5’	26	26	26	29	30	29	22	22	22
6’	17	17	17	22	22	22	17	17	17
7’	12	12	12	16	17	16	13	13	13
8’	8	8	8	12	12	12	10	10	10
9’	6	6	6	9	9	9	8	8	8
10’	4	5	4	7	7	7	6	6	6
11’	3	3	3	5	5	5	5	5	5
12’	3	3	3	4	4	4	4	4	4

Example: Two luminaires located 2’ from wall and spaced 2’ on center, the illumination on the wall 3’ down from ceiling will be 37fc beneath units and 40fc between units



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