

MXFG2DRTR

3.5" MX G2 Naked LED Wall Wash

ELECTRICAL DATA

LED Light Engine	System Wattage *	CCT / CRI	Delivered Lumens **	Lumens Per Watt
L0	11W	3000K / 82 CRI	470lm	47
L1	16W	3000K / 82 CRI	659lm	43
L2	22W	3000K / 82 CRI	801lm	39
L3	27W	3000K / 82 CRI	908lm	34

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

FEATURES

- Uniform vertical and horizontal distribution
- 92 CRI options in all color temperatures

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
- Lutron® LTEA2W Hi-Lume 1% 2-Wire LED driver (120V forward phase only)
- DMX512 RDM 0.1%

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

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

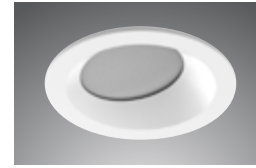
- Remote test switch included
- External battery operates LED load at a minimum of 500lm to 850lm for 90 minutes, depending on backup wattage
- Servicing requires above ceiling access

LISTING / WARRANTY

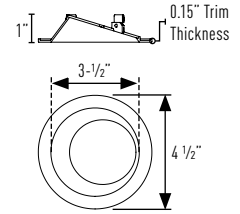
- 5-Year Intense LED Limited Warranty
- ETL listed to US and Canadian standards for damp locations



JOB NAME		CATALOG NUMBER	
NOTES		TYPE	



MXTFG2-RTRW300
(1" Regress)



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 [MXG2DRTR](#)
For more downlight trim options



Please see [MXG2ARTR](#)
For adjustable alternative



Please see [MXG2WRTR](#)
For wall alternative

Housing Part Number (Example: MXFG2DRTR-NCL2DELV)

Housing	Installation Type	Ceiling Thickness	Wattage	Dimming	Voltage	Options
MXFG2DRTR	-NC (Non-IC)	blank (1/2" to 1-1/4") EC2 (1-1/4" to 2-1/2")	L0 (11W) L1 (16W) L2 (22W) L3 (27W)	blank (Non-Dimming) DELV ¹ (Phase Dimming) D101 (0-10V Dimming 1%) LUT ² (Lutron® LDE1 EcoSystem 1%) LUT2 ¹ (Lutron® LTEA2W 2-Wire 1%)	blank (120V) 27 (277V)	EM7 ³ (7W Emergency Backup IOTA Part #ILB-CP07-A) EM12 ^{3,4} (12W Emergency Backup IOTA Part #ILB-CP12-A)

Trim Part Number (Example: MXTFG2-RTRD300W-SFL03024)

Trim	Trim Finish	Trim Type	Wattage	CCT / CRI
MXTFG2-RTRW300 (1" Regress)	W (White) B ⁵ (Black) SN ⁵ (Satin Nickel)	-SF (Self Flanged)	L0 (11W) L1 (16W) L2 (22W) L3 (27W)	27 (2700K / 82 CRI) 279 (2700K / 92 CRI) 30 (3000K / 82 CRI) 309 (3000K / 92 CRI) 35 (3500K / 82 CRI) 359 (3500K / 92 CRI) 41 (4100K / 82 CRI) 419 (4100K / 92 CRI)

Notes:

- Available in 120V only
- Not available with L2 & L3
- Access above ceiling required
- Not available in L0
- Consult factory for lead times
- Trimless options are for use with mud ring accessory only

SPECIFICATION SHEET / M-0823.21 P-25

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

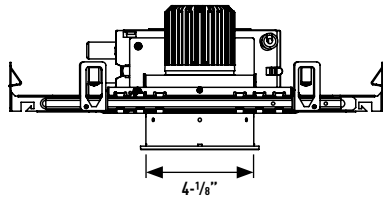
For Intense Lighting's limited product warranty, go to www.intenselighting.com. For a printed copy of the warranty, you may call 800 961-5321.

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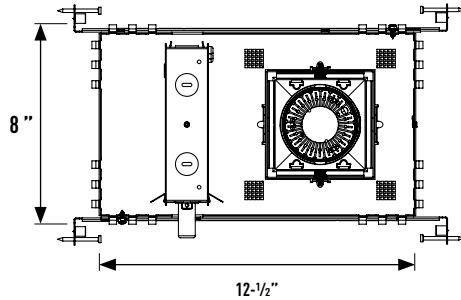
MXFG2DRTR

3.5" MX G2 Naked LED Wall Wash

HOUSING DIMENSIONS



Ceiling Cut-Out: 4-1/8"

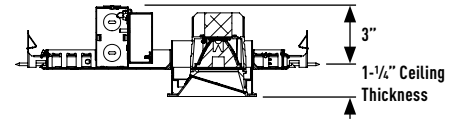
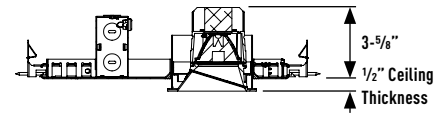


Adjustable Collar Height

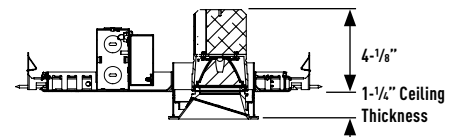
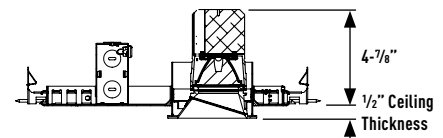
Collar Type	Standard	EC2
Max Ceiling Thickness	1/2" to 1-1/4"	1-1/4" to 2-1/2"

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

L0-L1 Lumen Package



L2-L3 Lumen Package



MX

3.5" MX G2 LED Wall Wash Photometric

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

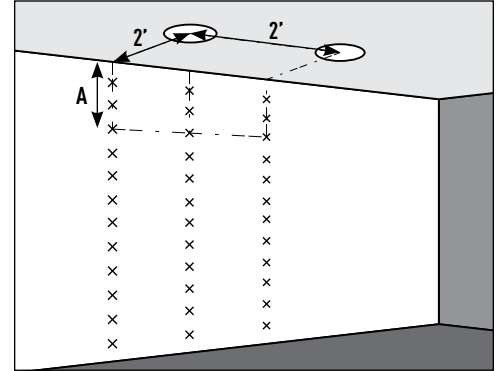
MXTFG2-RTRW300WLO

Report #: ILL-01282016-13
Reflector Finish: White
Luminaire Watts: 11.3W
Luminaire Lumens: 470lm
Lumens Per Watt: 47
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'	11	12	11	4	4	4	3	3	3
2'	27	27	27	11	12	11	8	8	8
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	5	5	7	8	7	6	6	6
8'	4	4	4	6	6	6	5	5	5
9'	3	3	3	4	4	4	3	4	3
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 11fc beneath units and 12fc between units



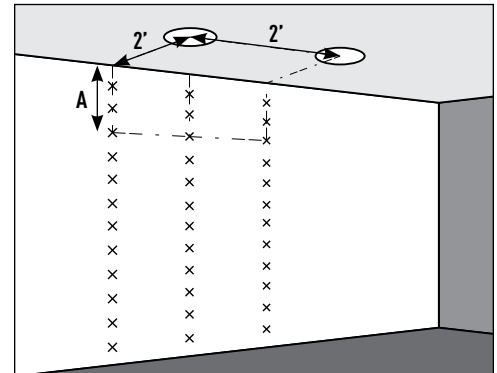
MXTFG2-RTRW300WL1

Report #: ILL-01292016-01
Reflector Finish: White
Luminaire Watts: 16W
Luminaire Lumens: 659lm
Lumens Per Watt: 43
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'	13	13	13	5	5	5	3	3	3
2'	29	29	29	12	13	12	9	9	9
3'	27	27	27	18	18	18	13	13	13
4'	19	19	19	18	18	18	13	13	13
5'	12	13	12	14	15	14	11	11	11
6'	8	8	8	11	11	11	8	9	8
7'	6	6	6	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	3	3	3	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 15fc beneath units and 17fc between units



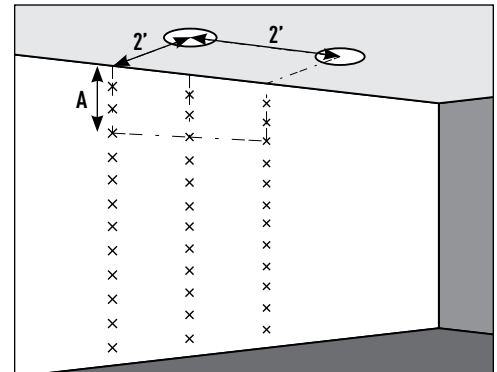
MXTFG2-RTRW300WL2

Report #: ILL-01292016-02
Reflector Finish: White
Luminaire Watts: 21.5W
Luminaire Lumens: 801lm
Lumens Per Watt: 39
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	25	26	9	9	9	6	6	6
2'	56	56	56	24	24	24	17	17	17
3'	52	52	52	34	35	34	25	25	25
4'	36	37	36	34	35	34	25	25	25
5'	24	24	24	27	28	27	21	21	21
6'	16	16	16	21	21	21	16	16	16
7'	11	11	11	15	15	15	12	12	12
8'	7	8	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	6	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 18fc beneath units and 21fc 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)

SPECIFICATION SHEET ILM-0823.21 P-27

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MX

3.5" MX G2 LED Wall Wash Photometric

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

MXTFG2-RTRW300WL3

Report #: ILL-01292016-13
 Reflector Finish: White
 Luminaire Watts: 27.2W
 Luminaire Lumens: 908lm
 Lumens Per Watt: 34
 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 28 29	10 10 10	7 7 7
2'	63 64 63	27 28 27	19 19 19
3'	59 59 59	39 40 39	28 28 28
4'	41 42 41	38 39 38	28 29 28
5'	27 27 27	31 32 31	24 24 24
6'	18 18 18	23 24 23	18 19 18
7'	12 12 12	17 17 17	14 14 14
8'	8 9 8	13 13 13	10 11 10
9'	6 6 6	9 10 9	8 8 8
10'	5 5 5	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 20fc beneath units and 24fc between units

