MXG2WSTL
3.5" MX G2 LED Square Trimless Wall Wash

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

ELECTRICAL DATA

LED LIGHT ENGINE	System Wattage *	CCT / CRI	Delivered Lumens **	Lumens Per Watt
L0	10W	3000K / 82 CRI	536lm	54
L1	16W	3000K / 82 CRI	746lm	48
L2	20W	3000K / 82 CRI	895lm	44
L3	26W	3000K / 82 CRI	1025lm	39

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

FEATURES
- Multiple architectural trim options
- Uniform vertical and horizontal distribution
- 92 CRI options in all color temperatures

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

ELECTRICAL SYSTEM
- Multiple dimming drivers available
- (Non-IC) Dedicated voltage options of 120V or 277V. Must be specified in catalog code.
- (-IC) Universal 120V/277V input
- 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 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 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. Perforated mesh frame provided, adheres to joint compound for seamless and trimless mounting.
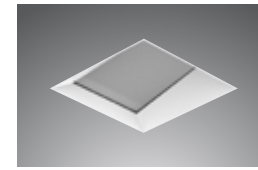
INSTALLATION
Housing types include IC Air-Tight or Non-IC Rated (must specify). Non-IC rated housings must be kept at a minimum of 3" away from insulation. Butterfly brackets are compatible with adjustable bar hangers (14"-25") and EMT. Bar hangers must be ordered separately. Max. ambient temperature: 95°F (35°C).
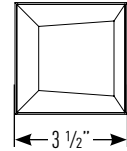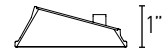
EMERGENCY BACKUP
Remote test switch included. External battery operates LED load at a minimum of 350 to 600 lumens for 90 minutes, depending on backup wattage selected. See trim multipliers for detailed performance. Servicing requires above ceiling access.

LISTING / WARRANTY
- 5-Year Intense LED Limited Warranty
- ETL listed to US and Canadian standards for damp locations
- (-IC Only) Air-Tight Certified ASTM E283
- (-IC Only) ETL listed for direct contact w/insulation

MXTG2-STLW300
(1" Regress)

1"

3 ½"

Housing dimensions are on Page 2

Available Trim Finishes

White	Black	Satin Nickel	Antique Bronze

Housing Part Number (Example: MXG2WSTL-ICL1)

Housing	Installation Type	Ceiling Thickness	Wattage	Dimming		Voltage	Options	
MXG2WSTL	-NC (Non-IC)	blank (⅝")	L0 (10 Watts)	blank (Non-Dimming)		blank (Non-IC: 120V -IC: 120V/277V)	I100 (C-Channel Bar Hangers)	
	-IC (Air-Tight IC)	EC1 (1")	L1 (16 Watts)	DELV³ (Phase Dimming)			I200 (Flat Bar Hangers)	
		EC2 (2")	L2 (20 Watts)	D101 (0-10V Dimming 1%)		27 (277V Non-IC Only, for -IC housing options use blank)	I400 (Wood Joist Bar Hangers)	
			L3¹ (26 Watts)	ED10V1³ (eldoLED 0-10V 1%)			EM7⁶ (7W Emergency Backup IOTA Part #ILB-CP07-A)	
				ED10V01³ (eldoLED 0-10V 0.1%)			EM12⁶,⁷ (12W Emergency Backup IOTA Part #ILB-CP12-A)	
				LUT⁴ (Lutron® LDE1 EcoSystem 1%)				
				DMXR⁵ (DMX512 RDM 0.1%)				

Trim Part Number (Example: MXTG2-STLW300W-SFL130)

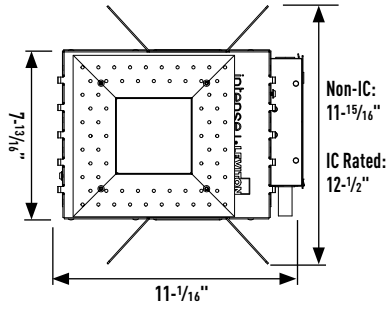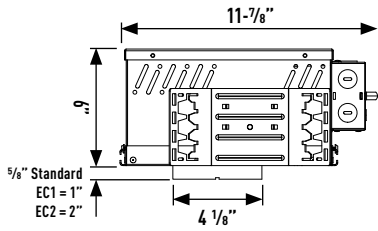| Trim	Finish	Wattage	CCT / CRI
MXTG2-STLW300 (1" Regress)	W (White)	L0 (10 Watts)	27 (2700K / 82 CRI)
	B (Black)	L1 (16 Watts)	279 (2700K / 92 CRI)
	SN (Satin Nickel)	L2 (20 Watts)	30 (3000K / 82 CRI)
	AB (Antique Bronze)	L3¹ (26 Watts)	309 (3000K / 92 CRI)
			35 (3500K / 82 CRI)
			359 (3500K / 92 CRI)
			41 (4100K / 82 CRI)
			419 (4100K / 92 CRI)

Notes:
1. L3 available with Non-IC housings only
2. Available in 120V only
3. Not Available in L3
4. Not Available in L2 & L3
5. DMX512 RDM not available in L0 & L1
6. Access above ceiling required
7. Not available in L0

intense LIGHTING | a LEVITON company

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NON-IC & AIR TIGHT IC DIMENSIONS

11-⁷/₈"

6"

⁵/₈" Standard
EC1 = 1"
EC2 = 2"

4 ¹/₈"

Ceiling Cut Out: 4 ¹/₈"

7-¹³/₁₆"

11-¹/₁₆"

Non-IC: 11-¹⁵/₁₆"

IC Rated: 12-¹/₂"

Plaster Frame Accommodation

Collar Type	Standard	EC1	EC2
Max Ceiling Thickness	Up-to ⁵/₈"	Up-to 1"	Up-to 2"

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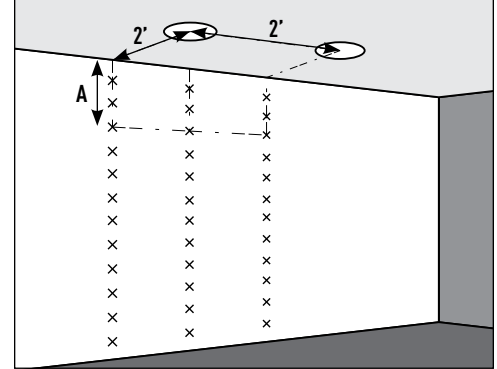
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3.5" MX G2 LED Wall Wash Photometrics

MXTG2-STLW300WL0

Report #: ILL-02242016-04
Reflector Finish: White
Luminaire Watts: 10W
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'	9	10	9	3	3	3	2	3	2
2'	14	15	14	6	6	6	5	5	5
3'	19	21	19	8	8	8	6	7	6
4'	18	20	18	10	11	10	8	9	8
5'	14	16	14	10	11	10	9	10	9
6'	10	11	10	10	10	10	8	9	8
7'	7	8	7	8	9	8	7	8	7
8'	5	6	5	7	7	7	6	6	6
9'	4	4	4	5	6	5	5	5	5
10'	3	3	3	4	4	4	4	4	4
11'	2	2	2	3	3	3	3	3	3
12'	2	2	2	3	3	3	2	3	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
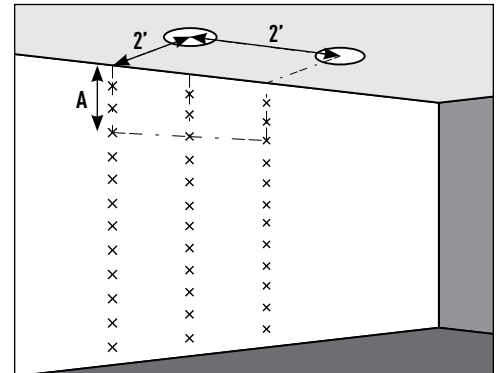

MXTG2-STLW300WL1

Report #: ILL-02242016-03
Reflector Finish: White
Luminaire Watts: 15.5W
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'	12	13	12	4	5	4	3	4	3
2'	20	21	20	8	9	8	7	7	7
3'	26	29	26	10	12	10	9	9	9
4'	25	28	25	13	15	13	11	12	11
5'	20	22	20	14	16	14	12	13	12
6'	15	16	15	13	15	13	11	12	11
7'	10	11	10	11	12	11	10	11	10
8'	7	8	7	9	10	9	8	9	8
9'	5	6	5	7	8	7	6	7	6
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	4	3

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
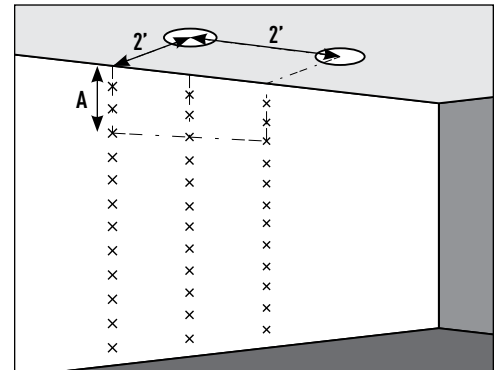

MXTG2-STLW300WL2

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'	14	16	14	5	5	5	4	4	4
2'	24	26	24	9	10	9	8	9	8
3'	32	35	32	13	14	13	11	11	11
4'	31	34	31	16	18	16	13	15	13
5'	24	26	24	17	19	17	15	16	15
6'	17	19	17	16	18	16	14	15	14
7'	12	13	12	14	15	14	12	13	12
8'	9	10	9	11	12	11	10	11	10
9'	7	7	7	9	9	9	8	8	8
10'	5	5	5	7	7	7	6	7	6
11'	4	4	4	6	6	6	5	5	5
12'	3	3	3	4	5	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 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)
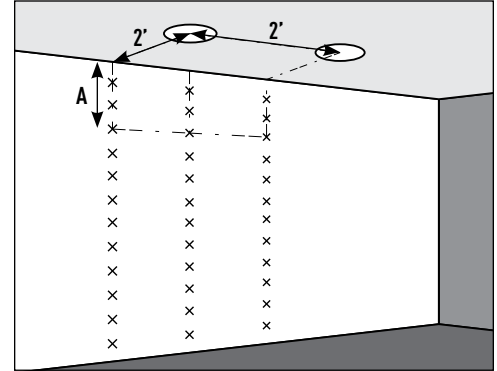
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3.5" MX G2 LED Wall Wash Photometrics

MXTG2-STLW300WL3

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 2'			3' From Wall On 2' Centers 2'			3' From Wall On 3' Centers 3'		
1'	16	18	16	5	6	5	4	5	4
2'	27	29	27	11	12	11	9	10	9
3'	37	40	37	14	16	14	12	13	12
4'	35	39	35	18	21	18	15	17	15
5'	28	30	28	20	22	20	17	18	17
6'	20	22	20	18	20	18	16	17	16
7'	14	15	14	16	17	16	13	15	13
8'	10	11	10	13	14	13	11	12	11
9'	7	8	7	10	11	10	9	10	9
10'	6	6	6	8	8	8	7	8	7
11'	4	4	4	6	7	6	6	6	6
12'	3	3	3	5	5	5	5	5	5

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

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)