

MXG2PRD

3.5" MX G2 LED Downlight Cylinder

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

ELECTRICAL DATA

LED Light Engine	System Wattage *	CCT / CRI	Nominal Delivered Lumens**
L0	10W	3000K / 82 CRI	900lm
L1	16W	3000K / 82 CRI	1300lm
L2	20W	3000K / 82 CRI	1525lm

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

FEATURES

- Sleek, high performance pendant complements MX downlighting family
- Offered in various mounting options including cable, stem and surface
- Utilizes MX trims to ensure aesthetic consistency across the product line
- Unique flush, surface mount design allows for precise alignment and adjustment
- Dedicated 9° optic with field changeable 12°, 24°, 36° & 50° optics

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

- 120/277V 50/60Hz input
- Class 2 power supply
- Over voltage/current and short circuit protection with auto recovery

REMOTE BOX

- Remote box included when required by specification
- Galvanized steel construction
- Separate line voltage and low voltage wiring compartments
- 50ft remote distance maximum

DIMMING

- Phase dimming: Forward 1% & Reversed 5% (120V only)
- 0-10V Dimming 1%
- 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%

TRIM SPECIFICATION

High quality trims are die-cast using A380 aluminum with durable powder coat available in multiple finishes.

MOUNTING

- 9-inch model requires remote driver box for L2 lumen package
- 0-10V & Lutron EcoSystem options require remote driver box for cable mount option
- DMXR option requires remote driver box for cable and pendant mount options
- Cable / Pendant mount supplied with complete canopy assembly and matched to housing finish
- Cables mount height can be adjusted in the field

ACCESSORIES

Luminaire will accommodate (2) accessories, accessory holder required. Accessory holder not compatible with lensed trims

LISTING / WARRANTY

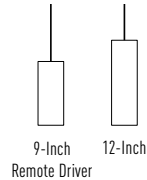
- ETL Listed to US and Canadian standards for damp locations
- ETL Listed to US and Canadian standards for wet locations. (Available with lensed surface mount options only)
- 5-Year Intense LED Limited Warranty



MX



Pendant Size Options



Dimensions see Page 2

Cylinder Part Number (Example: MXG2PRD2L13024WWR12)

Cylinder	Height	Wattage	CCT / CRI	Dimming (120-277V)
MXG2PRD	1 (9")	L0 (10 Watts)	27 (2700K / 82 CRI)	blank (Non-Dimming)
		L1 (16 Watts)	279 (2700K / 92 CRI)	DELV ² (Phase Dimming)
	2 (12")	L2 ¹ (20 Watts)	30 (3000K / 82 CRI)	D101 ³ (0-10V Dimming 1%)
			309 (3000K / 92 CRI)	ED10V1 ³ (eldoLED 0-10V 1%)
			35 (3500K / 82 CRI)	ED10V01 ³ (eldoLED 0-10V 0.1%)
			359 (3500K / 92 CRI)	LUT ^{3,4} (Lutron® LDE1 EcoSystem 1%)
			41 (4100K / 82 CRI)	DMXR ⁵ (DMX512 RDM 0.1%)
			419 (4100K / 92 CRI)	

Accessories⁹

- 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** (Solite Lens)

Optic	Housing Finish	Trim Finish	Lens	Mounting
09 ⁵ (9° Narrow Spot)	B (Black)	B (Black)	blank (None)	C48 (48" Cable)
12 (12° Spot)	W (White)	W (White)	SL ⁸ (Solite)	C96 (96" Cable)
24 (24° Narrow Flood)	SV (Silver)	SN (Satin Nickel)	CR ⁸ (Clear)	R12 (12" Rigid Pendant)
36 (36° Flood)		AB (Antique Bronze)	FR ⁸ (Frosted)	R24 (24" Rigid Pendant)
50 (50° Wide Flood)				R36 ⁷ (36" Rigid Pendant)
				R48 (48" Rigid Pendant)
				S ⁸ (Surface)

Notes:

1. Remote driver required for 9" with L2 Option
2. Available only in 120V
3. 0-10V & Lutron EcoSystem options require remote driver box for cable mount option
4. Not available in L2
5. Surface mount or remote driver box required, L2 & 279 only
6. Special order, consult factory for lead times
7. Special order. Note: 36" Pendant is made with (1) 12" & 24" w/ coupler
8. A lens option must be selected for wet location applications. Surface mount can be used in wet locations, see instruction sheet for proper installation instructions.
9. Accessories can not be used with lensed options

CYLINDERS-MX LUM-8412-24 P-1

Intense Lighting

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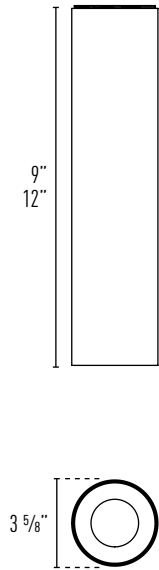
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MXG2PRD

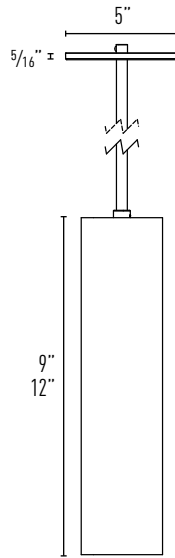
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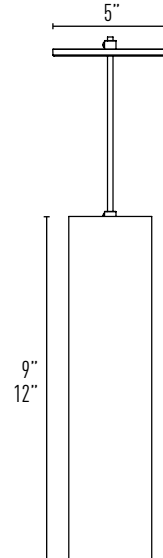
Surface Mount



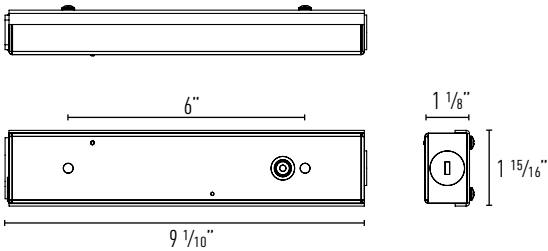
Rigid Pendant Mount



Cable Mount



Remote Mounted Driver Options

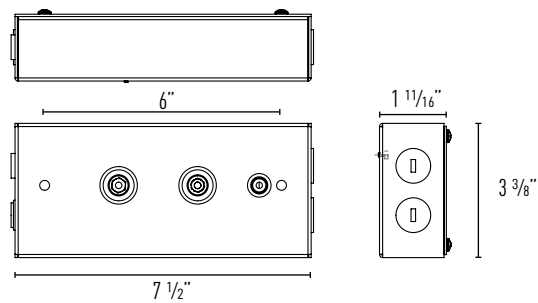


Remote Driver Box For

9-inch 0-10V Dimming 1%

12-inch 0-10V Dimming 1% (Cable Only)

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.



Remote Driver Box For

9-inch eldoLED 0-10V 1%
eldoLED 0-10V 0.1%
Lutron® LTEA2W 2-Wire 1%
Lutron® LDE1 EcoSystem 1%
DMX512 RDM 0.1%

12-inch eldoLED 0-10V 1% (Cable Only)
eldoLED 0-10V 0.1% (Cable Only)
Lutron® LDE1 EcoSystem 1% (Cable Only)
DMX512 (Cable & Rigid Pendant)

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.

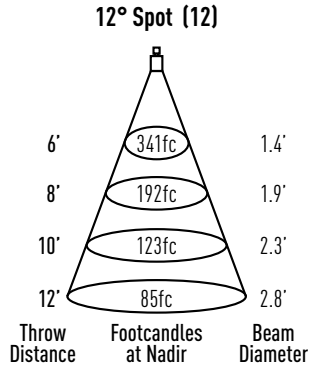
JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

MXG2PRD3L030

Report #: ILL-20170427-03.001 (12)
 ILL-20170427-01.001 (24)
 ILL-20170427-04.001 (36)
 ILL-20170427-02.001 (50)

CCT MULTIPLIERS:

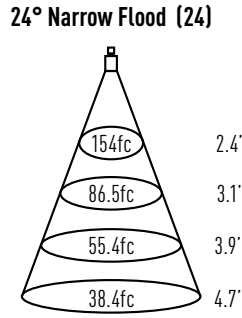
	82 CRI	92 CRI
2700K	(x 0.93)	(x 0.76)
3000K	(x 1.00)	(x 0.87)
3500K	(x 1.00)	(x 0.87)
4100K	(x 1.00)	(x 0.87)



Watts: 10
 Lumens: 819
 LPW: 82
 CCT: 3000K

Candelas at Nadir

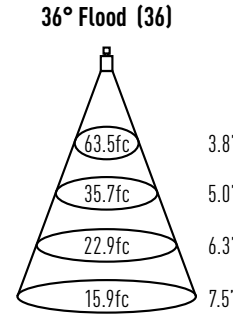
Degree	CBCP
0°	12263
5°	8719
15°	402
25°	95
35°	27
45°	3



Watts: 10
 Lumens: 916
 LPW: 92
 CCT: 3000K

Candelas at Nadir

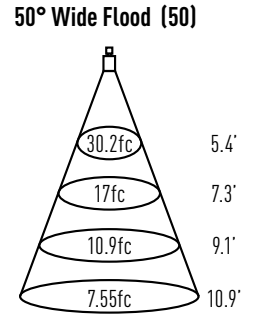
Degree	CBCP
0°	5536
5°	4868
15°	1436
25°	196
35°	13
45°	2



Watts: 10
 Lumens: 882
 LPW: 88
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	2286
5°	2194
15°	1421
25°	549
35°	69
45°	7



Watts: 10
 Lumens: 764
 LPW: 76
 CCT: 3000K

Candelas at Nadir

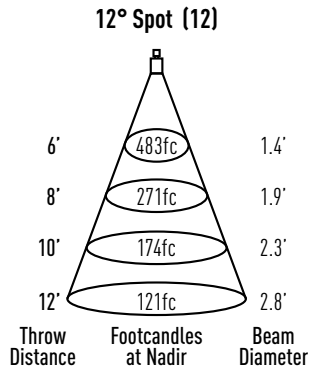
Degree	CBCP
0°	1087
5°	1067
15°	890
25°	559
35°	187
45°	49

MXG2PRD3L130

Report #: ILL-20170427-03.002 (12)
 ILL-20170427-01.002 (24)
 ILL-20170427-04.002 (36)
 ILL-20170427-02.002 (50)

CCT MULTIPLIERS:

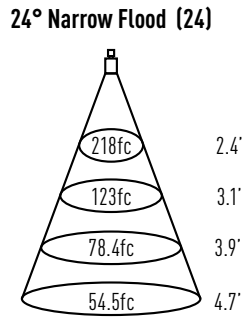
	82 CRI	92 CRI
2700K	(x 0.93)	(x 0.76)
3000K	(x 1.00)	(x 0.87)
3500K	(x 1.00)	(x 0.87)
4100K	(x 1.00)	(x 0.87)



Watts: 16
 Lumens: 1160
 LPW: 73
 CCT: 3000K

Candelas at Nadir

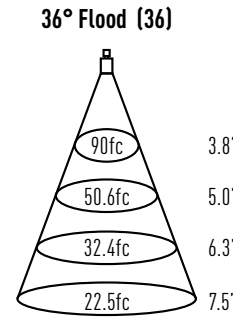
Degree	CBCP
0°	17373
5°	12352
15°	569
25°	141
35°	38
45°	5



Watts: 16
 Lumens: 1297
 LPW: 81
 CCT: 3000K

Candelas at Nadir

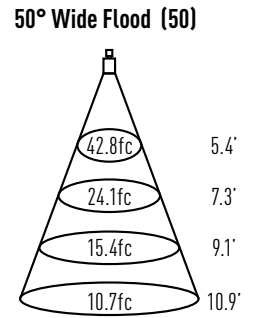
Degree	CBCP
0°	7842
5°	6897
15°	2035
25°	277
35°	18
45°	2



Watts: 16
 Lumens: 1250
 LPW: 78
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	3239
5°	3108
15°	2013
25°	778
35°	97
45°	9



Watts: 16
 Lumens: 1083
 LPW: 68
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	1540
5°	1511
15°	1260
25°	791
35°	264
45°	70

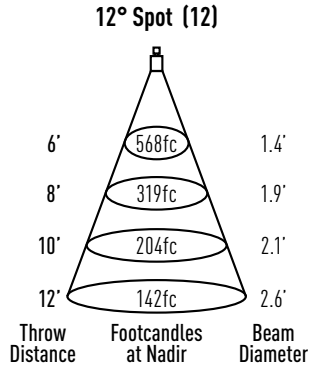
JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

MXG2PRD3L230

Report #:
 ILL-20170427-03.003 (12)
 ILL-20170427-01.003 (24)
 ILL-20170427-04.003 (36)
 ILL-20170427-02.0023(50)

CCT MULTIPLIERS:

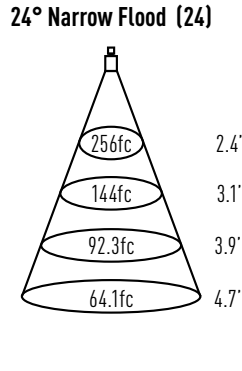
	82 CRI	92 CRI
2700K	(x 0.93)	(x 0.76)
3000K	(x 1.00)	(x 0.87)
3500K	(x 1.00)	(x 0.87)
4100K	(x 1.00)	(x 0.87)



Watts: 20
 Lumens: 1365
 LPW: 68
 CCT: 3000K

Candelas at Nadir

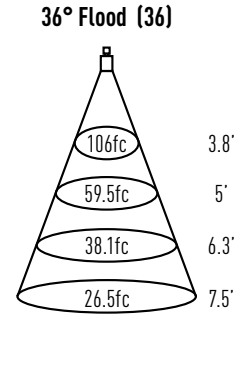
Degree	CBCP
0°	20439
5°	14532
15°	669
25°	166
35°	45
45°	5



Watts: 20
 Lumens: 1526
 LPW: 76
 CCT: 3000K

Candelas at Nadir

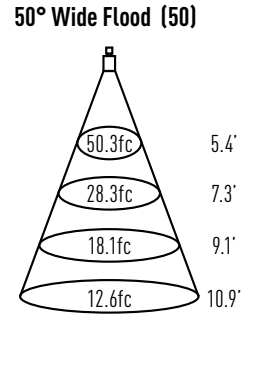
Degree	CBCP
0°	9226
5°	8114
15°	2394
25°	326
35°	22
45°	3



Watts: 20
 Lumens: 1471
 LPW: 74
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	3811
5°	3656
15°	2368
25°	916
35°	115
45°	11



Watts: 20
 Lumens: 1274
 LPW: 64
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	1812
5°	1778
15°	1483
25°	931
35°	311
45°	82