

MXG2

MX G2 Track Luminaire

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

Catalog Number	System Wattage ¹	CCT / CRI	Delivered Lumens ²	Lumens Per Watt
MXG2L030	10W	3000K / 82 CRI	950lm	95
MXG2L130	16W	3000K / 82 CRI	1350lm	84
MXG2L230	20W	3000K / 82 CRI	1700lm	85

¹ System wattage includes total driver and LED module consumption

² Delivered lumen output will vary depending on CCT, CRI & optic

LED LIGHT ENGINE

- 92 CRI & 82 CRI in 2700K, 3000K, 3500K and 4100K with 2 SDCM binning
- Class A 3500K with 80+ GAI and 90+ CRI to emphasize saturated colors
- Crisp White 3000K, vibrant whites and naturally saturated, warm tones with high CRI
- 50,000 hours L70 (rated life at 70% output)

OPTICS

- 12° Spot, 24° Narrow Flood, 36° Flood and 50° Wide Flood

ELECTRICAL SYSTEM

- 120V/277V 50/60Hz input
- Class 2 power supply
- Over voltage, over current and short circuit protection
- 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.
- Max. ambient temperature: 122°F (50°C)

DIMMING

- Must specify **-DIM** for ELV Dimming
- (ELV) reverse phase control dimmers. 120V only.
- Dimmable 100 - 1%

TRACK COMPATIBILITY

Track luminaire is designed for use with the following track systems:

- Single Circuit / Single Neutral 120V
- Two Circuit / Single Neutral 120V (No Dimming)
- Pro-Series Two Circuit / Two Neutral 120V
- Pro-Series Two Circuit / Two Neutral 277V
- J-Type Single / Two Circuit 120V
- L-Type Single / Two Circuit 120V

ACCESSORIES

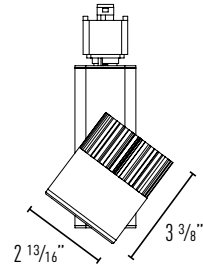
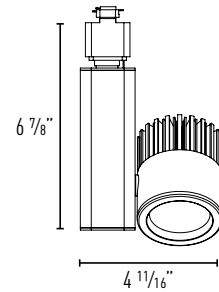
Luminaire will accommodate (2) accessories, accessory holder required.

LISTING/WARRANTY

- ETL Listed to US and Canadian standards for dry locations
- 10-Year Intense LED Limited Warranty
- CEC (T24) Listed¹



MX



Horizontal Adjustability: 358°

Vertical Adjustability: 258°

Example: MXG2L230W-12

Track Head	Wattage	CCT / CRI	Driver	Finish	Beam Spread	Adapter	Option
MXG2	<input type="checkbox"/> L0 (10 Watts)	<input type="checkbox"/> 27 (2700K / 82 CRI)	<input type="checkbox"/> blank (Non-Dimming)	<input type="checkbox"/> W (White)	<input type="checkbox"/> 12 (12° Spot)	<input type="checkbox"/> blank (Intense Single / Two Circuit 120V)	<input type="checkbox"/> -S ⁴ (Integral 1" Snoot)
	<input type="checkbox"/> L1 (16 Watts)	<input type="checkbox"/> 279 (2700K / 92 CRI)	<input type="checkbox"/> -DIM ³ (ELV Dimming)	<input type="checkbox"/> B (Black)	<input type="checkbox"/> 24 (24° Narrow Flood)	<input type="checkbox"/> -PS (Pro-Series 120V)	
	<input type="checkbox"/> L2 (20 Watts)	<input type="checkbox"/> 30 (3000K / 82 CRI)		<input type="checkbox"/> SV (Silver)	<input type="checkbox"/> 36 (36° Flood)	<input type="checkbox"/> -PS-27 ³ (Pro-Series 277V)	
		<input type="checkbox"/> 309 (3000K / 92 CRI)			<input type="checkbox"/> 50 (50° Wide Flood)	<input type="checkbox"/> -J (J-Type Adapter 120V)	
		<input type="checkbox"/> 35 (3500K / 82 CRI)				<input type="checkbox"/> -L (L-Type Adapter 120V)	
		<input type="checkbox"/> 359 (3500K / 92 CRI)					
		<input type="checkbox"/> 41 (4100K / 82 CRI)					
		<input type="checkbox"/> 419 (4100K / 92 CRI)					
		<input type="checkbox"/> CA35 ² (Class A 3500K)					
		<input type="checkbox"/> CW30 ² (Crisp White 3000K)					

Accessories

- 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 (Soft Focus Lens)

Notes:

1. CEC (T24) Listed (82 CRI - 2700K & 3000K only)
2. Available in L0 only.
3. Dimming available in 120V only.
4. Snoot is integral to fixture and factory installed. Snoot's interior is black and compatible with accessory holder, black accessory holder recommended.

MX TRACK L/M-046-16 P-1

Intense Lighting

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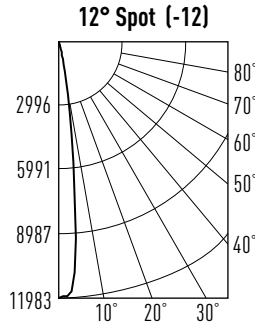
JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

MXG2L030

Report #: ILL-02112016-09 (-12)
 ILL-02112016-10 (-24)
 ILL-02112016-11 (-36)
 ILL-02182016-01 (-50)

CCT / CRI Multipliers:

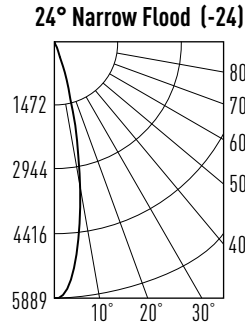
- 2700K / 82 CRI (x 0.93)
- 2700K / 92 CRI (x 0.76)
- 3000K / 82 CRI (x 1.00)
- 3000K / 92 CRI (x 0.87)
- 3500K / 82 CRI (x 1.00)
- 3500K / 92 CRI (x 0.87)
- 4100K / 82 CRI (x 1.00)
- 4100K / 92 CRI (x 0.87)



Watts: 10
 Lumens: 962
 LPW: 96
 CCT: 3000K

Candelas at Nadir

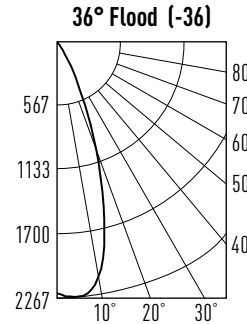
Degree	Candela
0°	11983
5°	9218
15°	647
25°	121
35°	46
45°	30



Watts: 10
 Lumens: 1023
 LPW: 102
 CCT: 3000K

Candelas at Nadir

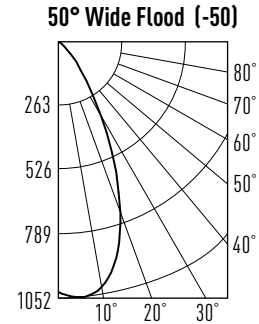
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0°	5889
5°	5210
15°	1647
25°	179
35°	22
45°	6



Watts: 10
 Lumens: 1006
 LPW: 101
 CCT: 3000K

Candelas at Nadir

Degree	Candela
0°	2227
5°	2267
15°	1632
25°	544
35°	106
45°	23



Watts: 10.4
 Lumens: 844
 LPW: 81
 CCT: 3000K

Candelas at Nadir

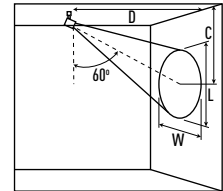
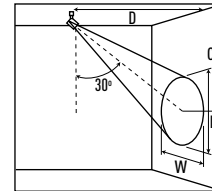
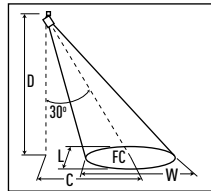
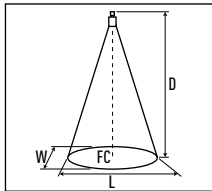
Degree	Candela
0°	1047
5°	1034
15°	908
25°	544
35°	233
45°	82

APPLICATION DATA:

W and L are the outer points where the candle power drops to 50% of maximum. FC are the initial foot candles at the center of the beam.

- W Beam width
- L Beam length
- C Distance to center of beam
- D Distance
- FC Foot candles

Illuminated width & length are based upon point at which illuminance falls to 50% of center illuminance. Recommended spacing is based upon uniform illuminance aiming angle is the angle between the lamp axis and the perpendicular to the illuminated plane.



	0° HORIZONTAL					30° HORIZONTAL					30° VERTICAL					60° VERTICAL				
	D	FC	W	L		D	C	FC	W	L	D	C	FC	W	L	D	C	FC	W	L
MXG2L030-12 3000K 12° Spot	6'	333	1' 6"	1' 6"		6'	3"	225	2' 1"	1' 5"	3.0'	5'	300	1' 3"	2' 10"	3.0'	2'	473	1'	1' 1"
	8'	187	1' 11"	1' 11"		8'	4'	126	2' 6"	2"	4.0'	6'	177	1' 8"	3' 6"	4.0'	2'	253	1' 1"	1' 8"
	10'	120	2' 5"	2' 5"		10'	5'	80.9	3' 2"	2' 10"	5.0'	8'	114	2' 4"	4' 5"	5.0'	3'	180	1' 3"	1' 5"
	12'	83.2	2' 11"	2' 11"		12'	6'	56.2	3' 8"	3' 4"	6.0'	9'	78.8	2' 11"	5' 3"	6.0'	4'	118	1' 6"	2' 2"
MXG2L030-24 3000K 24° Narrow Flood	6'	164	2' 5"	2' 5"		6'	3'	111	3'	2' 8"	3.0'	5'	149	2' 4"	3' 10"	3.0'	2'	236	1' 3"	1' 6"
	8'	92	3' 2"	3' 2"		8'	4'	62.5	3' 11"	3' 5"	4.0'	6'	88.6	2' 10"	4' 11"	4.0'	2'	125	1' 8"	2' 3"
	10'	58.9	4'	4'		10'	5'	40	4' 10"	4' 3"	5.0'	7'	55.5	3' 7"	6' 4"	5.0'	3'	89.1	2' 4"	2' 7"
	12'	40.9	4' 10"	4' 10"		12'	6'	27.8	5' 10"	5' 2"	6.0'	9'	39.4	4' 4"	7' 5"	6.0'	4'	59.1	2' 10"	3' 2"
MXG2L030-36 3000K 36° Flood	6'	61.9	4'	4'		6'	2'	47.4	4' 5"	4' 1"	3.0'	4'	72	3' 2"	4' 7"	3.0'	2'	96.6	2' 5"	2' 7"
	8'	34.8	5' 4"	5' 4"		8'	3'	27.6	5' 8"	5' 4"	4.0'	5'	41.7	4' 2"	5' 11"	4.0'	3'	54	3' 1"	3' 3"
	10'	22.3	6' 8"	6' 8"		10'	4'	17.7	7' 1"	6' 8"	5.0'	6'	26.9	5' 2"	7' 4"	5.0'	3'	33.9	3' 9"	4' 2"
	12'	15.5	8'	8'		12'	5'	12.2	8' 6"	8'	6.0'	7"	18.6	6' 3"	8' 10"	6.0'	4'	24.1	4' 7"	5'
MXG2L030-50 3000K 50° Wide Flood	6'	29.1	5' 8"	5' 8"		6'	2'	23.3	5' 1"	5'	3.0'	3'	35.7	3' 9"	4' 10"	3.0'	2'	44.8	2' 11"	3' 1"
	8'	16.4	7' 7"	7' 7"		8'	3'	13.1	6' 9"	6' 8"	4.0'	4'	20.1	5' 1"	6' 5"	4.0'	3'	24.9	3' 11"	4' 1"
	10'	10.5	9' 6"	9' 6"		10'	3'	8.3	8' 7"	8' 5"	5.0'	5'	12.8	6' 4"	8'	5.0'	3'	15.7	5'	5' 2"
	12'	7.3	11' 5"	11' 5"		12'	4'	5.8	10' 3"	10'	6.0'	7'	8.9	7' 7"	9' 7"	6.0'	4'	11.2	5' 9"	6' 1"

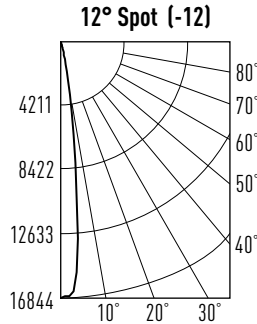
JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

MXG2L130

Report #: ILL-02112016-08 (-12)
 ILL-02112016-07 (-24)
 ILL-02112016-06 (-36)
 ILL-02182016-02 (-50)

CCT / CRI Multipliers:

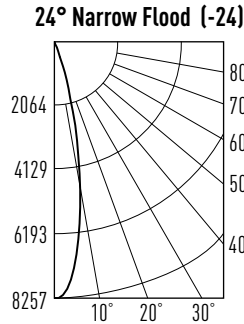
- 2700K / 82 CRI (x 0.93)
- 2700K / 92 CRI (x 0.76)
- 3000K / 82 CRI (x 1.00)
- 3000K / 92 CRI (x 0.87)
- 3500K / 82 CRI (x 1.00)
- 3500K / 92 CRI (x 0.87)
- 4100K / 82 CRI (x 1.00)
- 4100K / 92 CRI (x 0.87)



Watts: 15.5
 Lumens: 1361
 LPW: 88
 CCT: 3000K

Candelas at Nadir

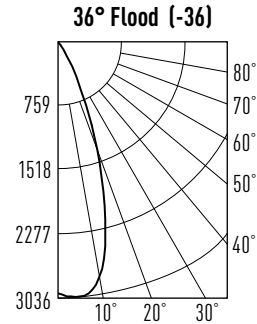
Degree	Candela
0°	16844
5°	13156
15°	906
25°	170
35°	65
45°	42



Watts: 15.5
 Lumens: 1484
 LPW: 96
 CCT: 3000K

Candelas at Nadir

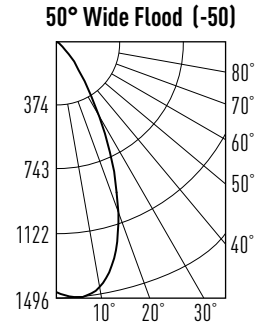
Degree	Candela
0°	8230
5°	7390
15°	2426
25°	273
35°	32
45°	8



Watts: 15.5
 Lumens: 1377
 LPW: 89
 CCT: 3000K

Candelas at Nadir

Degree	Candela
0°	3036
5°	2964
15°	2161
25°	765
35°	175
45°	36



Watts: 15.5
 Lumens: 1204
 LPW: 78
 CCT: 3000K

Candelas at Nadir

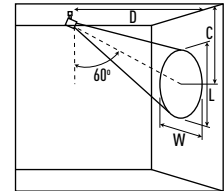
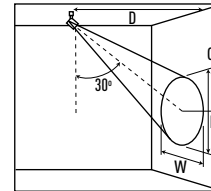
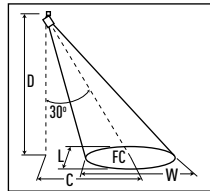
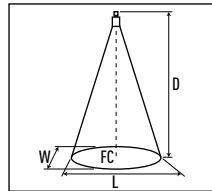
Degree	Candela
0°	1485
5°	1486
15°	1313
25°	765
35°	330
45°	118

APPLICATION DATA:

W and **L** are the outer points where the candle power drops to 50% of maximum. **FC** are the initial foot candles at the center of the beam.

- W** Beam width
- L** Beam length
- C** Distance to center of beam
- D** Distance
- FC** Foot candles

Illuminated width & length are based upon point at which illuminance falls to 50% of center illuminance. Recommended spacing is based upon uniform illuminance aiming angle is the angle between the lamp axis and the perpendicular to the illuminated plane.



	0° HORIZONTAL					30° HORIZONTAL					30° VERTICAL					60° VERTICAL				
	D	FC	W	L		D	C	FC	W	L	D	C	FC	W	L	D	C	FC	W	L
MXG2L130-12 3000K 12° Spot	6'	468	1' 6"	1' 6"		6'	3'	319	2' 1"	1' 5"	3.0'	5'	422	1' 3"	2' 10"	3.0'	2'	672	1' 1"	1' 1"
	8'	263	2'	2'		8'	4'	179	2' 6"	2'	4.0'	6'	252	1' 8"	3' 6"	4.0'	2'	359	1' 1"	1' 8"
	10'	168	2' 5"	2' 5"		10'	5'	115	3' 2"	2' 10"	5.0'	8'	160	2' 4"	4' 5"	5.0'	3'	253	1' 3"	1' 5"
	12'	117	2' 11"	2' 11"		12'	6'	79.7	3' 9"	3' 4"	6.0'	9'	112	2' 11"	5' 3"	6.0'	4'	168	1' 6"	2' 2"
MXG2L130-24 3000K 24° Narrow Flood	6'	229	2' 6"	2' 6"		6'	3'	157	3'	2' 8"	3.0'	4'	211	2' 4"	3' 11"	3.0'	2'	334	1' 4"	1' 6"
	8'	129	3' 4"	3' 4"		8'	4'	88.3	4'	3' 6"	4.0'	6'	125	2' 11"	5'	4.0'	2'	177	1' 8"	2' 3"
	10'	82.3	4' 1"	4' 1"		10'	5'	56.5	4' 11"	4' 5"	5.0'	7'	78.8	3' 8"	6' 4"	5.0'	3'	125	2' 5"	2' 8"
	12'	57.1	4' 11"	4' 11"		12'	6'	39.2	5' 11"	5' 3"	6.0'	9'	55.6	4' 5"	7' 6"	6.0'	4'	83.5	2' 11"	3' 2"
MXG2L130-36 3000K 36° Flood	6'	84.3	4' 2"	4' 2"		6'	2'	62	4' 5"	4' 2"	3.0'	4'	93.1	3' 2"	4' 8"	3.0'	2'	128	2' 5"	2' 7"
	8'	47.4	5' 6"	5' 6"		8'	3'	35.8	5' 9"	5' 5"	4.0'	5'	54	4' 3"	6'	4.0'	3'	69.8	3' 1"	3' 4"
	10'	30.4	6' 11"	6' 11"		10'	4'	22.9	7' 2"	6' 9"	5.0'	6'	34.8	5' 3"	7' 5"	5.0'	3'	45.9	3' 8"	4' 1"
	12'	21.1	8' 4"	8' 4"		12'	5'	15.8	8' 8"	8' 2"	6.0'	7"	24.2	6' 4"	8' 11"	6.0'	4'	32	4' 7"	5'
MXG2L130-50 3000K 50° Wide Flood	6'	41.3	5' 7"	5' 7"		6'	2'	33.4	5' 1"	5'	3.0'	3'	51.6	3' 8"	4' 9"	3.0'	2'	63.8	3'	3' 1"
	8'	23.2	7' 6"	7' 6"		8'	3'	18.4	6' 10"	6' 11"	4.0'	4'	29	5"	6' 4"	4.0'	3'	35.1	3' 11"	4' 2"
	10'	14.9	9' 4"	9' 4"		10'	3'	11.9	8' 6"	8' 5"	5.0'	5'	18.6	6' 4"	7' 10"	5.0'	3'	22.5	5'	5' 2"
	12'	10.3	11' 2"	11' 2"		12'	4'	8.3	10' 2"	10' 1"	6.0'	6'	12.9	7' 7"	9' 5"	6.0'	4'	15.9	5' 9"	6' 2"

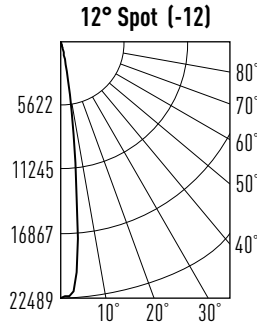
JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

MXG2L230

Report #: ILL-02032016-05 (-12)
 ILL-02112016-02 (-24)
 ILL-02112016-03 (-36)
 ILL-02162016-04 (-50)

CCT / CRI Multipliers:

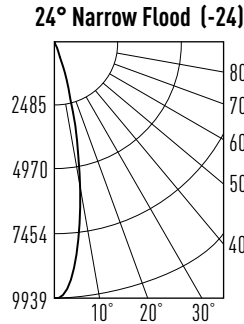
2700K / 82 CRI (x 0.93)
 2700K / 92 CRI (x 0.76)
 3000K / 82 CRI (x 1.00)
 3000K / 92 CRI (x 0.87)
 3500K / 82 CRI (x 1.00)
 3500K / 92 CRI (x 0.87)
 4100K / 82 CRI (x 1.00)
 4100K / 92 CRI (x 0.87)



Watts: 20.4
 Lumens: 1820
 LPW: 89
 CCT: 3000K

Candelas at Nadir

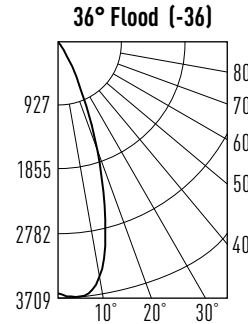
Degree	Candela
0°	22052
5°	18360
15°	868
25°	168
35°	68
45°	42



Watts: 20.6
 Lumens: 1801
 LPW: 87
 CCT: 3000K

Candelas at Nadir

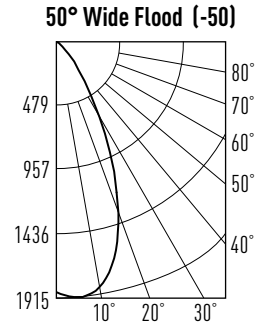
Degree	Candela
0°	9923
5°	8887
15°	2955
25°	322
35°	41
45°	10



Watts: 20.6
 Lumens: 1673
 LPW: 81
 CCT: 3000K

Candelas at Nadir

Degree	Candela
0°	3699
5°	3654
15°	2669
25°	925
35°	193
45°	42



Watts: 20.3
 Lumens: 1539
 LPW: 76
 CCT: 3000K

Candelas at Nadir

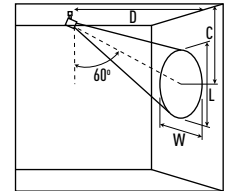
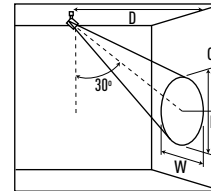
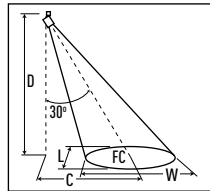
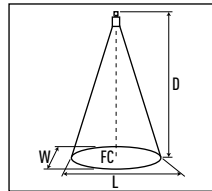
Degree	Candela
0°	1867
5°	1915
15°	1675
25°	987
35°	404
45°	149

APPLICATION DATA:

W and **L** are the outer points where the candle power drops to 50% of maximum. **FC** are the initial foot candles at the center of the beam.

- W** Beam width
- L** Beam length
- C** Distance to center of beam
- D** Distance
- FC** Foot candles

Illuminated width & length are based upon point at which illuminance falls to 50% of center illuminance. Recommended spacing is based upon uniform illuminance aiming angle is the angle between the lamp axis and the perpendicular to the illuminated plane.



	0° HORIZONTAL					30° HORIZONTAL					30° VERTICAL					60° VERTICAL				
	D	FC	W	L		D	C	FC	W	L	D	C	FC	W	L	D	C	FC	W	L
MXG2L230-12 3000K 12° Spot	6'	613	1' 5"	1' 5"		6'	3'	427	2' 1"	1' 6"	3.0'	5'	564	1' 4"	3'	3.0'	2'	900	1'	1' 1"
	8'	345	2'	2'		8'	4'	240	2' 7"	2' 3"	4.0'	6'	338	1' 11"	3' 8"	4.0'	2'	480	1' 1"	1' 9"
	10'	221	2' 6"	2' 6"		10'	5'	154	3' 5"	2' 11"	5.0'	8'	214	2' 6"	4' 8"	5.0'	3'	338	1' 4"	1' 7"
	12'	153	3' 1"	3' 1"		12'	6'	107	4'	3' 6"	6.0'	9'	150	3'	5' 7"	6.0'	4'	225	1' 7"	2' 3"
MXG2L230-24 3000K 24° Narrow Flood	6'	276	2' 6"	2' 6"		6'	3'	188	3'	2' 9"	3.0'	4'	253	2' 5"	3' 11"	3.0'	2'	401	1' 4"	1' 6"
	8'	155	3' 4"	3' 4"		8'	4'	106	4'	3' 6"	4.0'	6'	150	2' 11"	5' 1"	4.0'	2'	212	1' 8"	2' 3"
	10'	99.2	4' 1"	4' 1"		10'	5'	67.8	4' 11"	4' 5"	5.0'	7'	94.8	3' 8"	6' 4"	5.0'	3'	150	2' 5"	2' 8"
	12'	68.9	4' 11"	4' 11"		12'	6'	47.1	6'	5' 3"	6.0'	9'	66.8	4' 5"	7' 6"	6.0'	4'	100	2' 11"	3' 3"
MXG2L230-36 3000K 36° Flood	6'	103	4' 1"	4' 1"		6'	2'	77.5	4' 5"	4' 1"	3.0'	4'	116	3' 2"	4' 7"	3.0'	2'	157	2' 5"	2' 8"
	8'	57.8	5' 6"	5' 6"		8'	3'	44.6	5' 9"	5' 5"	4.0'	5'	67.3	4' 2"	5' 11"	4.0'	3'	86.7	3' 1"	3' 4"
	10'	37	6' 11"	6' 11"		10'	4'	28.5	7' 2"	6' 9"	5.0'	6'	43.5	5' 3"	7' 4"	5.0'	3'	56.1	3' 8"	4' 2"
	12'	25.7	8' 4"	8' 4"		12'	5'	19.6	8' 8"	8' 1"	6.0'	7'	30.2	6' 3"	8' 10"	6.0'	4'	39.3	4' 7"	5'
MXG2L230-50 3000K 50° Wide Flood	6'	51.9	5' 7"	5' 7"		6'	2'	43.1	5' 1"	5'	3.0'	3'	65.8	3' 8"	4' 10"	3.0'	2'	81.5	3'	3' 2"
	8'	29.2	7' 5"	7' 5"		8'	3'	24	6' 10"	6' 8"	4.0'	4'	37	5' 1"	6' 5"	4.0'	3'	45.8	3' 11"	4' 2"
	10'	18.7	9' 4"	9' 4"		10'	4'	15.4	8' 6"	8' 4"	5.0'	5'	23.7	6' 4"	7' 11"	5.0'	4'	28.8	5'	5' 2"
	12'	13	11' 2"	11' 2"		12'	4'	9.7	10' 1"	9' 11"	6.0'	7'	16.5	7' 7"	9' 6"	6.0'	4'	20.4	5' 10"	6' 2"