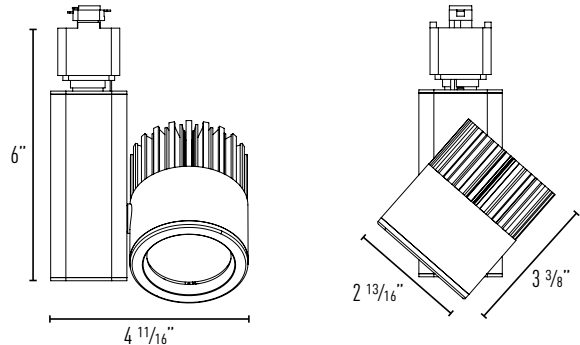




JOB NAME		CATALOG NUMBER	
NOTES		TYPE	



Horizontal Adjustability: 358° / Vertical Adjustability: 258° Total

Order Matrix | Example: MXL130W-12

A	B	C	D	E	F	G	H
A	Catalog Number			E	Finish		
MX	MX Accent			W	White		
				B	Black		
B	Wattage			SV	Silver		
L0	10W			F	Beam Spread		
L1	14W			-12	12° Spot		
				-24	24° Narrow Flood		
C	CCT / CRI			-36	36° Flood		
27	2700K / 82 CRI			G	Adapter		
279	2700K / 92 CRI			blank	Intense Single / Two Circuit 120V		
30	3000K / 82 CRI			-PS	Pro-Series 120V		
309	3000K / 92 CRI			-PS-27	Pro-Series 277V ³		
35	3500K / 82 CRI			-J	J-Type Adapter 120V ⁴		
41	4100K / 82 CRI			-L	L-Type Adapter 120V ⁴		
CA35	Class A 3500K			H	Option		
CW30	Crisp White 3000K			-S	Integral 1" Snoot, Black Interior ⁵		
D	Driver						
blank	Non-Dimming						
-DIM	ELV Dimming ³						

Notes:

- Energy Star (82 CRI - 3000K, 3500K, 4100K only)
- CEC (T24) Listed (92 CRI only)
- Dimming available in 120V only.
- J-Type & L-Type adapters are for single circuit, consult factory for two circuit.
- Snoot is integral to fixture and factory installed. Snoot's interior is black and compatible with accessory holder, black accessory holder recommended.

ACCESSORIES

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

Accessory Holder		Filter Media:	
LH47	Accessory Holder, Black	PFLMB-47	Hex Louver
LH47W	Accessory Holder, White	PFL1-47	Prismatic Spread Lens
		PFL2-47	Linear Spread Lens
		PFL4-47	Soft Focus Lens

Consult factory for color filters

Catalog Number	System Wattage ¹	CCT / CRI ²	Delivered Lumens ³	Lumens Per Watt
MXL030	10W	3000K / 82 CRI	800lm	80
MXL130	14W	3000K / 82 CRI	950lm	68

¹ System wattage includes total driver and LED module consumption

² CCT / CRI Multipliers

2700K / 82 CRI (x0.92), 2700K / 92 CRI (x0.74), 3000K / 82 CRI (x1.0), 3000K / 92 CRI (x0.8), 3500K / 82 CRI (x1.07), 4100K / 82 CRI (x1.08);

Crisp White 3000K (x0.85) & Class A 3500K (x0.96), see IES file for CBCP

³ Delivered lumen output will vary depending on CCT, CRI & optic

LED LIGHT ENGINE

- 2700K, 3000K, 3500K and 4100K 82 CRI
- Class A - 3500K, provides color points with a combined GAI and CRI metric
- Crisp White - 3000K, vibrant whites and naturally saturated, warm colors combined with high CRI
- 2700K and 3000K 92 CRI (R9 Value = 59)
- 2 Step MacAdam (2 SDCM)
- LED mounted to die-cast / extruded aluminum heat sink
- Rated life of 50,000 hours L70 based on LED testing per LM-80-08 and projected values using IESNA TM21-11

OPTICS

- 12° Spot, 24° Narrow Flood and 36° 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 - 10%

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 & L-Type Adapter are for Single Circuit (Consult factory for Two Circuit)

LISTING/WARRANTY

- ETL Listed to US and Canadian standards for dry locations
- 10-Year Intense LED Limited Warranty
- ENERGY STAR® Qualified ¹
- CEC (T24) Listed ²

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

MXL030

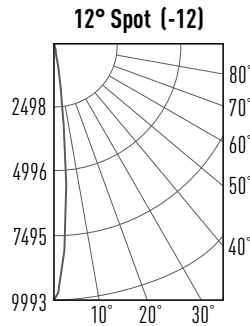
Report #: L09135602 (-12)
 L09135601 (-24)
 L09135603 (-36)

CCT / CRI Multipliers:

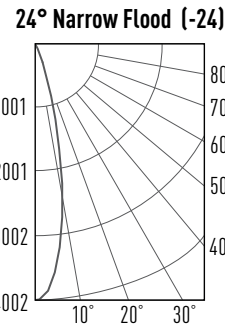
2700K / 82 CRI (x 0.92)
 2700K / 92 CRI (x 0.74)
 3000K / 82 CRI (x 1.00)
 3000K / 92 CRI (x 0.8)
 3500K / 82 CRI (x 1.07)
 4100K / 82 CRI (x 1.08)

Crisp White 3000K / 90 CRI (x0.85)*
 Class A 3500K / 90 CRI (x0.96)*

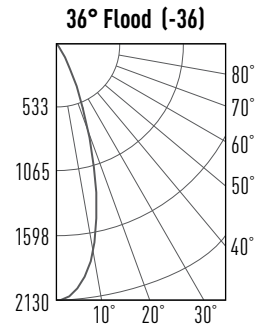
* Lumens only, see IES file for candelas



Watts: 10
 Lumens: 609
 LPW: 61
 CCT: 3000K



Watts: 10
 Lumens: 797
 LPW: 80
 CCT: 3000K



Watts: 10
 Lumens: 830
 LPW: 83
 CCT: 3000K

Candelas at Nadir

Degree	Candela
0°	9993
5°	5506
15°	330
25°	83
35°	35
45°	27

Candelas at Nadir

Degree	Candela
0°	4002
5°	3582
15°	1219
25°	194
35°	39
45°	14

Candelas at Nadir

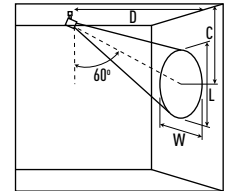
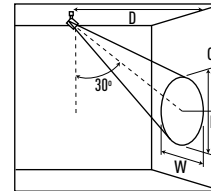
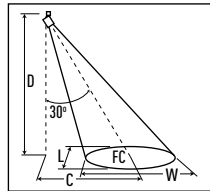
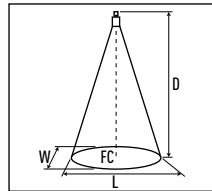
Degree	Candela
0°	2130
5°	2041
15°	1281
25°	422
35°	101
45°	23

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
MXL030-12 3000K 12° Spot	5.0'	400	1'	1'	5.0'	2' 9"	257	1' 3"	1' 1"	3.0'	5'	147	1' 1"	2' 1"	3.0'	1' 9"	710	0' 8"	0' 9"
	7.5'	178	1' 5"	1' 5"	7.5'	4' 3"	116	1' 10"	1' 8"	4.0'	6' 6"	82.9	1' 6"	2' 9"	4.0'	2' 3"	406	0' 11"	1'
	10'	99.9	1' 11"	1' 11"	10'	5' 9"	64.9	2' 6"	2' 2"	5.0'	8' 3"	53.1	1' 10"	3' 6"	5.0'	2' 9"	257	1' 1"	1' 3"
	12.5'	64	2' 5"	2' 5"	12.5'	7'	47.8	3' 2"	2' 9"	6.0'	9' 9"	36.8	2' 3"	4' 2"	6.0'	3' 6"	178	1' 4"	1' 6"
MXL030-24 3000K 24° Narrow Flood	5.0'	160	2' 1"	2' 1"	5.0'	2' 6"	109	2' 6"	2' 3"	3.0'	4'	77.5	2' 1"	3' 2"	3.0'	1' 6"	302	1' 4"	1' 6"
	7.5'	71.2	3' 2"	3' 2"	7.5'	3' 9"	48.4	3' 9"	3' 5"	4.0'	5' 3"	43.6	2' 9"	4' 2"	4.0'	2'	170	1' 10"	2'
	10'	40	4' 2"	4' 2"	10'	5'	27.2	5'	4' 6"	5.0'	6' 6"	27.8	3' 5"	5' 3"	5.0'	2' 6"	109	2' 3"	2' 6"
	12.5'	25.6	5' 3"	5' 3"	12.5'	6' 6"	17.4	6' 3"	5' 8"	6.0'	8'	19.4	4' 1"	6' 3"	6.0'	3'	75.6	2' 9"	3'
MXL030-36 3000K 36° Flood	5.0'	85.2	3' 1"	3' 1"	5.0'	2' 3"	60.9	3' 4"	3' 1"	3.0'	3' 3"	52.6	2' 6"	3' 4"	3.0'	1' 3"	169	1' 10"	2'
	7.5'	37.9	4' 7"	4' 7"	7.5'	3' 3"	27.1	5' 1"	4' 8"	4.0'	4' 6"	29.7	3' 5"	4' 5"	4.0'	1' 9"	95.2	2' 6"	2' 8"
	10'	21.3	6' 2"	6' 2"	10'	4' 3"	15.2	6' 9"	6' 3"	5.0'	5' 9"	19	4' 3"	5' 7"	5.0'	2' 3"	60.9	3' 1"	3' 4"
	12.5'	13.6	7' 8"	7' 8"	12.5'	5' 6"	9.7	8' 5"	7' 9"	6.0'	6' 9"	13.2	5' 1"	6' 9"	6.0'	2' 9"	42.2	3' 9"	4'

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

MXL130

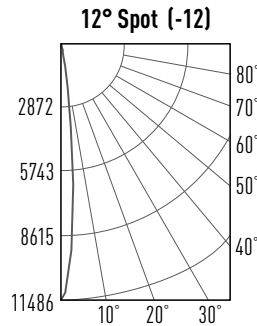
Report #: L09135602 (-12)
 L09135601 (-24)
 L09135603 (-36)

CCT / CRI Multipliers:

2700K / 82 CRI (x 0.92)
 2700K / 92 CRI (x 0.74)
 3000K / 82 CRI (x 1.00)
 3000K / 92 CRI (x 0.8)
 3500K / 82 CRI (x 1.07)
 4100K / 82 CRI (x 1.08)

Crisp White 3000K / 90 CRI (x0.85)*
 Class A 3500K / 90 CRI (x0.96)*

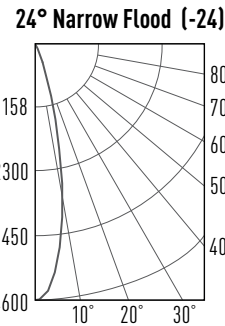
* Lumens only, see IES file for candelas



Watts: 13.9
 Lumens: 700
 LPW: 51
 CCT: 3000K

Candelas at Nadir

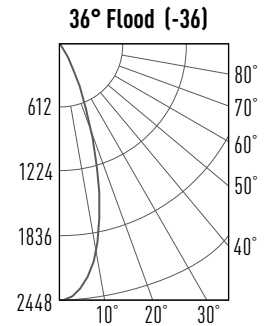
Degree	Candela
0°	11486
5°	6329
15°	379
25°	95
35°	41
45°	31



Watts: 13.9
 Lumens: 916
 LPW: 66
 CCT: 3000K

Candelas at Nadir

Degree	Candela
0°	4600
5°	4117
15°	1401
25°	223
35°	45
45°	16



Watts: 13.9
 Lumens: 954
 LPW: 69
 CCT: 3000K

Candelas at Nadir

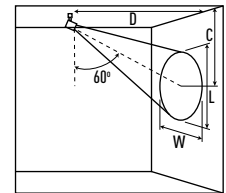
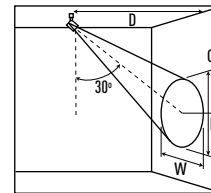
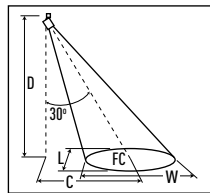
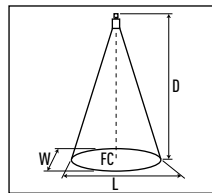
Degree	Candela
0°	2448
5°	2346
15°	1473
25°	486
35°	116
45°	27

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
MXL130-12 3000K 12° Spot	5.0'	459	1'	1'	5.0'	2' 9"	296	1' 3"	1' 1"	3.0'	5'	169	1' 1"	2' 1"	3.0'	1' 9"	817	0' 8"	0' 9"
	7.5'	204	1' 5"	1' 5"	7.5'	4' 3"	133	1' 10"	1' 8"	4.0'	6' 6"	95.3	1' 6"	2' 9"	4.0'	2' 3"	467	0' 11"	1'
	10'	115	1' 11"	1' 11"	10'	5' 9"	74.6	2' 6"	2' 2"	5.0'	8' 3"	61	1' 10"	3' 6"	5.0'	2' 9"	296	1' 1"	1' 3"
	12.5'	73.5	2' 5"	2' 5"	12.5'	7'	47.8	3' 2"	2' 9"	6.0'	9' 9"	42.3	2' 3"	4' 2"	6.0'	3' 6"	204	1' 4"	1' 6"
MXL130-24 3000K 24° Narrow Flood	5.0'	184	2' 1"	2' 1"	5.0'	2' 6"	125	2' 6"	2' 3"	3.0'	4'	89	2' 1"	3' 2"	3.0'	1' 6"	348	1' 4"	1' 6"
	7.5'	81.8	3' 2"	3' 2"	7.5'	3' 9"	55.6	3' 9"	3' 5"	4.0'	5' 3"	50.1	2' 9"	4' 2"	4.0'	2'	196	1' 10"	2'
	10'	46	4' 2"	4' 2"	10'	5'	31.3	5'	4' 6"	5.0'	6' 6"	32	3' 5"	5' 3"	5.0'	2' 6"	125	2' 3"	2' 6"
	12.5'	29.4	5' 3"	5' 3"	12.5'	6' 6"	20	6' 3"	5' 8"	6.0'	8'	22.3	4' 1"	6' 3"	6.0'	3'	86.9	2' 9"	3'
MXL130-36 3000K 36° Flood	5.0'	97.9	3' 1"	3' 1"	5.0'	2' 3"	70	3' 4"	3' 1"	3.0'	3' 3"	60.4	2' 6"	3' 4"	3.0'	1' 3"	194	1' 10"	2'
	7.5'	43.5	4' 7"	4' 7"	7.5'	3' 3"	31.1	5' 1"	4' 8"	4.0'	4' 6"	34.1	3' 5"	4' 5"	4.0'	1' 9"	109	2' 6"	2' 8"
	10'	24.5	6' 2"	6' 2"	10'	4' 3"	17.5	6' 9"	6' 3"	5.0'	5' 9"	21.8	4' 3"	5' 7"	5.0'	2' 3"	70	3' 1"	3' 4"
	12.5'	15.7	7' 8"	7' 8"	12.5'	5' 6"	11.2	8' 5"	7' 9"	6.0'	6' 9"	15.2	5' 1"	6' 9"	6.0'	2' 9"	48.6	3' 9"	4'