

MXHG2WD

MX G2 Warm DIM Track Luminaire

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

ELECTRICAL DATA

LED Light Engine	System Wattage *	CCT / CRI	Delivered Lumens **
WD1	13.5W	3000K-1800K / 92 CRI	1000lm

* System Wattage includes driver and LED Module consumption.

** Delivered lumens will vary depending on trim, CCT, CRI, optic and ceiling thickness

LED LIGHT ENGINE

- Halogen style profile that warms as it dims
- 3000K at full intensity to 1800K at lowest dim level
- 50,000 hours L70 (rated life at 70% output)

OPTICS

- Field changeable optics: 24°, 30°, 45°

ELECTRICAL SYSTEM

- 120V or 277V 50/60Hz input
- Class 2 power supply
- Over voltage, over current and short circuit protection; Auto recovery
- 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

Must specify **-DIM** for Phase Dimming

- Forward/ Reverse phase dimming
- Phase dimming in 120V only
- Dimmable 100 - 1%

TRACK COMPATIBILITY

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

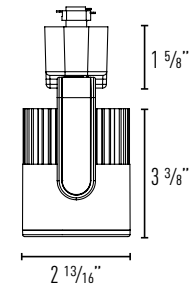
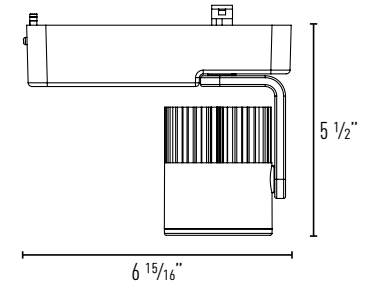
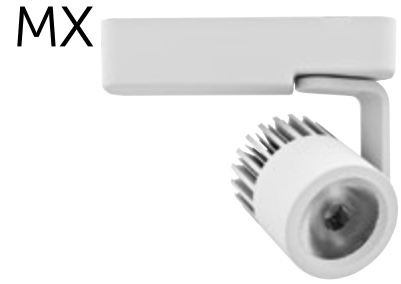
- Single Circuit / Single Neutral 120V
- Two Circuit / Single Neutral 120V (No Dimming)
- J-Type Single / Two Circuit 120V
- L-Type Single / Two Circuit 120V

ACCESSORIES

- Luminaire will accommodate (2) accessories
- Accessory holder required

LISTING/WARRANTY

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



Horizontal Adjustability: 358°

Vertical Adjustability: 258°

Part Number: (Example: MXHG2WD1-DIMW-NF)

Housing	Wattage	Driver	Finish	Beam Spread	Adapter	Options
MXHG2	WD1 (13.5W)	-DIM ¹ (Phase Dimming)	W (White)	-NF (24° Narrow Flood)	blank (Intense Single Circuit 120V)	-S ² (Integral 1" Snoot)
			B (Black)	-FL (30° Flood)	-J (J-Type Adapter 120V)	
			SV (Silver)	-WF (45° Wide Flood)	-L (L-Type Adapter 120V)	

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:

- Available in 120V only
- Snoot is integral to fixture and factory installed. Snoot's interior is black and compatible with accessory holder, black accessory holder recommended.

SPECIFICATION SHEET L/M-0405-19 P-3

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.

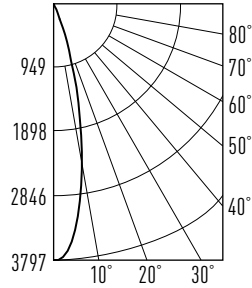
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JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

MXG2WD1

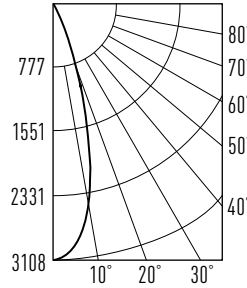
Report #: ILL20181108-4.002 (-24)
 ILL20181108-3.002 (-30)
 ILL20181108-5.002 (-45)

24° Narrow Flood (-24)



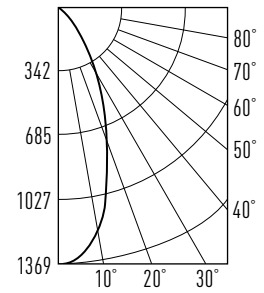
Watts: 13.5
 Lumens: 990
 LPW: 73
 CCT: 3000K

30° Flood (-30)



Watts: 13.5
 Lumens: 1038
 LPW: 77
 CCT: 3000K

45° Wide Flood (-45)



Watts: 13.4
 Lumens: 896
 LPW: 66
 CCT: 3000K

Intensity	
Degree	Candela
0°	3797
5°	3431
15°	1495
25°	413
35°	84
45°	12

Intensity	
Degree	Candela
0°	3108
5°	2944
15°	1646
25°	481
35°	92
45°	22

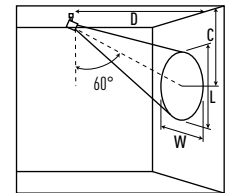
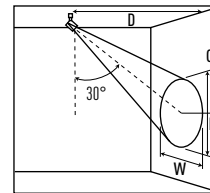
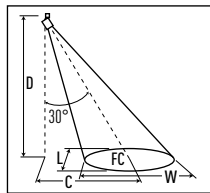
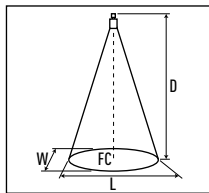
Intensity	
Degree	Candela
0°	1369
5°	1325
15°	1001
25°	534
35°	219
45°	84

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
MXG2WD1-24 3000K 24° Spot	6'	105	2.8'	2.8'	6'	3.5'	68.5	3.7'	3.2'	3.0'	5.2'	52.7	2.8'	6.6'	3.0'	1.7'	274	1.6'	1.9'
	8'	59	3.7'	3.7'	8'	4.6'	38.5	5.0'	4.3'	4.0'	6.9'	29.7	3.7'	8.8'	4.0'	2.3'	154	2.1'	2.5'
	10'	38	4.6'	4.6'	10'	5.8'	24.7	6.2'	5.3'	5.0'	8.7'	19.0	4.6'	10.9'	5.0'	2.9'	99	2.7'	3.1'
	12'	26	5.5'	5.5'	12'	6.9'	17.1	7.5'	6.4'	6.0'	10.4'	13.2	5.5'	13.1'	6.0'	3.5'	69	3.2'	3.7'
MXG2WD1-30 3000K 30° Narrow Flood	6'	86	3.4'	3.4'	6'	3.5'	56	4.6'	3.9'	3.0'	5.2	43	3.4	8.8	3.0'	1.7'	224	1.9'	2.3'
	8'	49	4.5'	4.5'	8'	4.6'	32	6.1'	5.2'	4.0'	6.9	24	4.5	11.7	4.0'	2.3'	126	2.6'	3.1'
	10'	31	5.6'	5.6'	10'	5.8'	20	7.6'	6.5'	5.0'	8.7	16	5.6	14.6	5.0'	2.9'	81	3.2'	3.8'
	12'	22	6.7'	6.7'	12'	6.9'	14	9.2'	7.7'	6.0'	10.4	11	6.7	17.5	6.0'	3.5'	56	3.9'	4.6'
MXG2WD1-45 3000K 45° Flood	6'	38	4.8'	4.8'	6'	3.5'	25	6.7'	5.5'	3.0'	5.2'	19	4.8'	18.1'	3.0'	1.7'	99	2.8'	3.4'
	8'	21	6.4'	6.4'	8'	4.6'	14	8.9'	7.3'	4.0'	6.9'	11	6.4'	24.1'	4.0'	2.3'	56	3.7'	4.5'
	10'	14	7.9'	7.9'	10'	5.8'	9	11.2'	9.2'	5.0'	8.7'	7	7.9'	30.2'	5.0'	2.9'	36	4.6'	5.6'
	12'	10	9.5'	9.5'	12'	6.9'	6	13.4'	11.0'	6.0'	10.4'	5	9.5'	36.2'	6.0'	3.5'	25	5.5'	6.7'