MaxLite HARSH & HAZARDOUS

PROJECT: _____ CATALOG # _____ NOTES: _____ FIXTURE SCHEDULE: _____

HIGH OUTPUT FLOOD CLASS I DIVISION 2 | HL-ELLF SERIES

HAZLOC HARSH & HAZARDOUS

The **HL-ELLF SERIES** is a uniqely flexible LED **Class I Divison 2** high-output modular flood fixture. Three optical distributions and independently pivoting modules allow them to outperform high-wattage HID lamps in a variety of applications. External drivers powers each module individually to give the fixture flexible profile and low EPA. They mount using an arch yoke, high bay bracket, or a pole tenon accessory for multiple applications where flammable gases or vapors may produce explosive or ignitable mixtures. Ideal for general area illumination in **harsh and hazardous locations** like oil refineries, gasoline storage, and dispensing areas.



Highbay Mount



*Each StaxMAX™ flood fixture module can be configured with either narrow, medium or wide optics.



Arch Yoke Mount

CLASSIFICATIONS & RATINGS:

- Class I, Division 2, Groups A, B, C, D
- See table on page 2 for Temperature Code and ambient temperature ranges

ELECTRICAL:

- 15,830 lm to 56,910 lm
- 120-277V or 347-480V available
- Power Factor: > 0.90

CONSTRUCTION:

- Die cast ADC12 aluminum housing
- Tempered glass lens
- Polyester powder coat finish

MOUNTING:

- Arch Yoke mount for flood applications
- Highbay mount

WARRANTY:

This product may qualify for a 10-year warranty. Contact MaxLite Inside Sales for details.

MODEL SELECTION	Typical order example: ELLF135UW50AGSH12						
ELLF				**50**		**G**	**SH12**
SUB FAMILY	**NOMINAL WATTAGE, EQUIVALENCY**	**VO LTAGE**	**DISTRIBUTION**	**CCT**	**MOUNTING BRACKET**	**FINISH**	**HAZARDOUS LOCATION**
ELLF= Flood Light	**135=** 135W, 320W PSMH equivalent **270=** 270W, 750W PSMH equivalent **405=** 405W, 1000W MH equivalent	**U=** 120-277V	**N=** 22°, Narrow distribution **M=** 55°, Medium distribution **W=** 120°, Wide distribution	**50=** 5000K[1]	**A=** Arch Yoke **H=** Highbay	**G=** Gray, std.	**SH12=** Class I Divison 2 Rated
	180= 180W, 400W MH equivalent **360=** 360W, 750W PSMH equivalent **540=** 540W, 1000W MH equivalent	**4=** 347-480V					

Notes:

1. Custom CCTs available. Please contact your MaxLite representative for lead times and quantities.

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ACCESSORIES:

ORDER CODE	MODEL	DESCRIPTION	ACCESSORIES IMAGE
72881	PTMB	Pole Tenon Mount bracket (To be used with HBMB bracket only)	

SPECIFICATIONS:

ITEM	SPECIFICATION	ELLF 135XX50	ELLF 270XX50	HL-ELLF 405XX50	HL-ELLF 180XX50	HL-ELLF 360XX50	HL-ELLF 540XX50
GENERAL PERFORMANCE	Input Power (W)	140	280	420	180	360	540
	Lumens Delivered (lm)	Up to 15,830	Up to 31,660	Up to 47,490	Up to 18,970	Up to 37,940	Up to 56,910
	Efficacy (lm/W)	96-112					
	CRI	≥75					
	Lumen Maintenance (L70, TM-21 @ 25°C)	≥ 75,000					
	Color Temperature	5000K					
	Spacing Criteria	Available Upon Request					
	Color Consistency	Proprietary binning for uniform color					
ELECTRICAL	Current (A)	1.25/0.56 (@120V/277V)	2.45/1.12 (@120V/277V)	3.65/1.68 (@120V/277V)	1.80/0.72 (@277V/480V)	3.60/1.44 (@277V/480V)	5.40/2.16 (@277V/480V)
	Drive Output	48VDC, 3.2A					
	Input Voltage	120-277VAC, 50/60 Hz			347-480VAC, 50/60 Hz		
PHYSICAL	Dimensions (H" x W" x L")	7.4" x 20.4" x 20.4"	14.5" x 21.4" x 21.1"	19.6" x 21.1" x 21.1"	7.4" x 20.4" x 20.4"	14.5" x 21.4" x 21.1"	19.6" x 21.1" x 21.1"
	EPA (sq. ft.)	0.9	1.8	2.7	0.9	1.8	2.7
	Weight (lbs)	14	26	37	14	26	37
	Housing	Low-copper die-cast aluminum, with power coat paint					
	Lens	Tempered Glass					
	Mounting	Module is trunnion mounted to carriage with 270° pivoting bolt					
	Operating Temperature	-40°C to 55°C (-40°F - 131°F)					
CERTIFICATION	Certification	LM-79, LM-80, UL844, UL1598, UL8750					
	Humidity	20-85% RH, non-condensing					
	Material Usage	RoHS compliant; no mercury					
	Environment	IP65					
	Warranty	5-Year					

ORDERING:

ORDER CODE	MODEL	MOUNTING	VOLTAGE	BEAM ANGLE(°)	POWER (W)	OUTPUT (LM)	CCT
74449	ELLF135UM50AGSH12	Arch Yoke	120-277	55	135	14,500	5000K
74448	ELLF135UN50AGSH12	Arch Yoke	120-277	22	135	13,460	
74450	ELLF135UW50AGSH12	Arch Yoke	120-277	120	135	15,830	
74821	ELLF270UM50AGSH12	Arch Yoke	120-277	55	270	29,000	
74820	ELLF270UN50AGSH12	Arch Yoke	120-277	22	270	26,920	
74819	ELLF270UW50AGSH12	Arch Yoke	120-277	120	270	31,660	
74822	ELLF405UM50AGSH12	Arch Yoke	120-277	55	405	43,500	
74797	ELLF405UN50AGSH12	Arch Yoke	120-277	22	405	40,380	
74793	ELLF405UW50AGSH12	Arch Yoke	120-277	120	405	47,490	

***Please contact your MaxLite representative to order products that don't have order codes listed here. Special order, contact Maxlite for MOQ and leadtime.**

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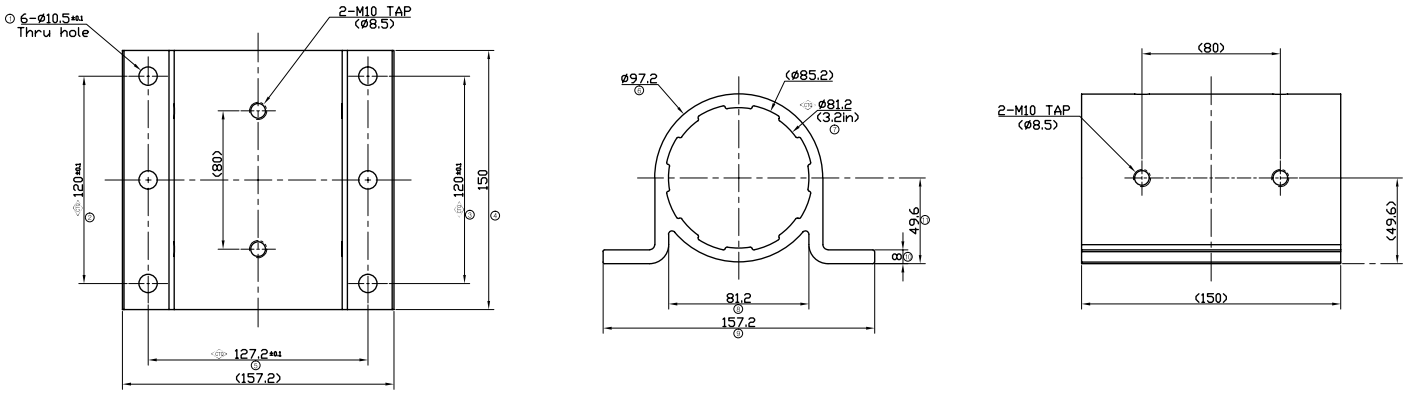
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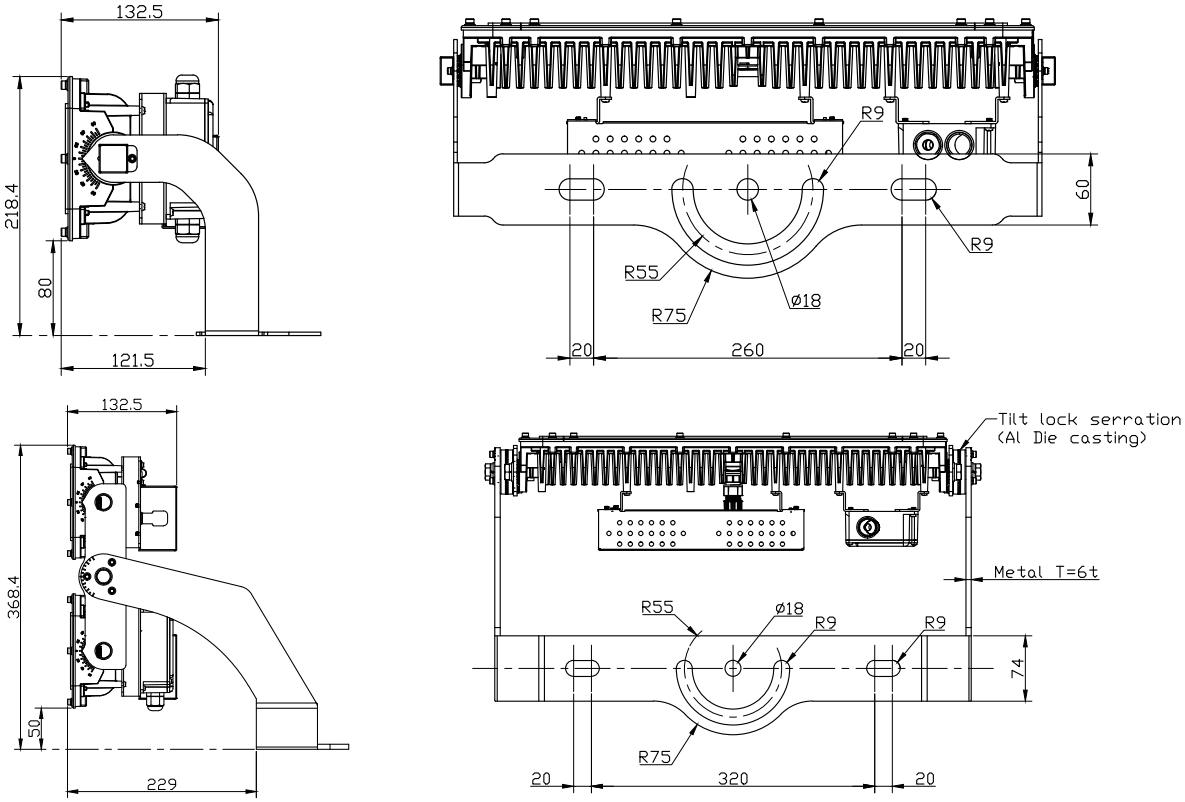
DIMENSIONS

ALL MEASUREMENTS ARE IN MILLIMETER

PTMB DETAILS



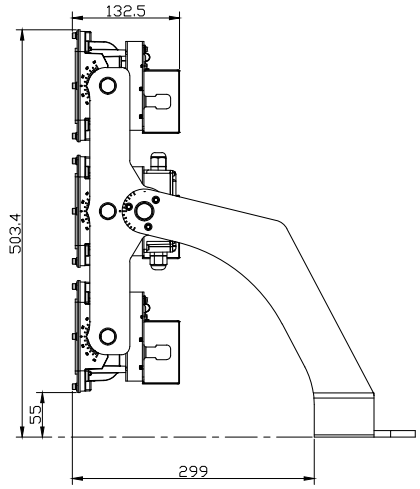
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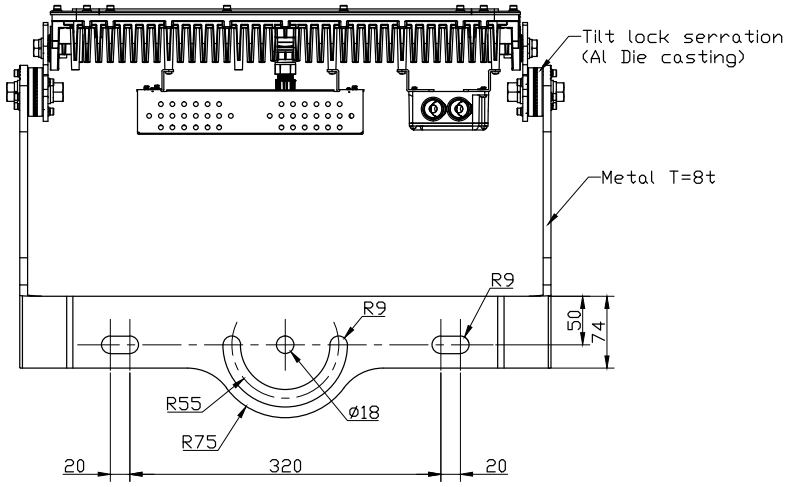


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HBMB DETAILS

