

Project:	
Type:	
Catalog #:	



## DESCRIPTION

By providing superior high output and high efficiency, FME LSL-2 Series is the ideal solution for outdoor sports lighting such as municipal, school and semi-professional. Dynamic thermal management design maximizes heat dissipation and significantly improves the life of luminaires. Built-in surge suppression adds an extra layer of protection to the luminaire driver. Versatile mounting bracket for hassle-free installation.

## SPECIFICATION FEATURES

### CONSTRUCTION

- Sealed die-cast profile for outdoor application
- Low-profile, 3G vibration rated, compact design minimizes wind load requirements
- Housing is completely sealed against moisture and environmental contaminants (IP66)

### OPTICS

- Available in NEMA 3H x 3V, 4H x 4V distributions
- Light engines available in standard 4000K, 5000K, 5700K (70/80/90 CRI) configurations
- Scalable Lumen Packages from 68,160 to 118,000 Lumens.
- Optics precisely designed to shape the distribution, maximizing efficiency and application spacing.

### ELECTRICAL

- Universal 120-277V or 277-480V input voltage
- Standard with 0-10V dimming driver(s)
- Built-in surge suppression with 10KA at 120-277V (20KA at 277-480V)
- THD: ≤ 20%
- Power factor: ≥ 90%

### AMBIENT TEMPERATURE

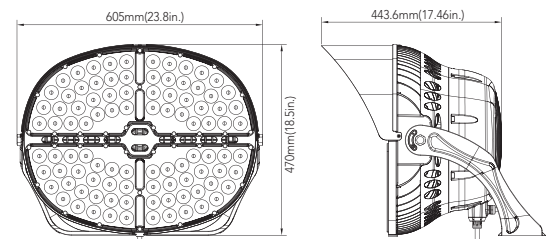
- Ambient operating temperature is -40°C to 55°C (-40°F to 131°F)

### LIFESPAN

- Estimated 100,000 hour LED lifespan based on IES LM-80 results and TM-21 calculations

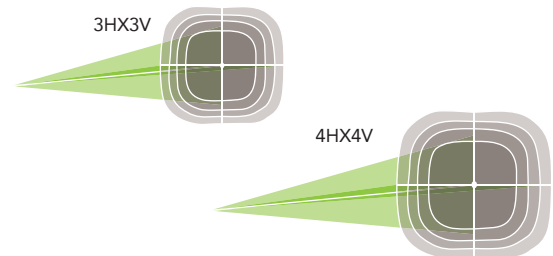
NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C (+/- 5°C)

### DIMENSIONS



Net Weight:  
500W: 56.30 lb    600W: 56.30 lb    : 63.47 lb    : 63.47 lb

### PHOTOMETRICS



## WARRANTY 10 year warranty


## PERFORMANCE DATA

SYSTEM WATTS	VOLTAGE	NEMA	EPA	CRI	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)	LUMENS (5700K)	LPW (5700K)	Warranty
500W	120-277V/347-480V	4Hx4V	1.2413	70	71000lm	142 lm/W	71000lm	142 lm/W	69000lm	138 lm/W	10 Years
		3Hx3V	1.2413	70	68160lm	136 lm/W	68160lm	136 lm/W	66240lm	132 lm/W	
600W	120-277V/347-480V	4Hx4V	1.2413	70	84000lm	140 lm/W	84000lm	140 lm/W	82000lm	137 lm/W	5 Years
		3Hx3V	1.2413	70	80640lm	134 lm/W	80640lm	134 lm/W	78720lm	131 lm/W	
650W	277-480V	4Hx4V	1.2413	70	91000lm	140 lm/W	91000lm	140 lm/W	88000lm	135 lm/W	10 Years
		3Hx3V	1.2413	70	87360lm	134 lm/W	87360lm	134 lm/W	84480lm	130 lm/W	
850W	277-480V	4Hx4V	1.2413	70	118000lm	139 lm/W	118000lm	139 lm/W	112000lm	132 lm/W	10 Years
		3Hx3V	1.2413	70	113280lm	133 lm/W	113280lm	133 lm/W	107520lm	126 lm/W	

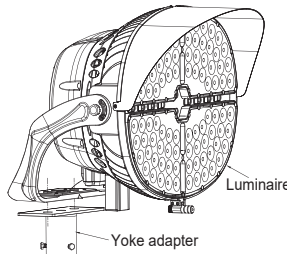

## ORDERING GUIDE

FIXTURE TYPE	WATTAGE	VOLTAGE	CCT	FINISH	NEMA	MOUNTING	INTEGRATED CONTROL	INTERNAL CODE
LSL2	50 500W 60 600W 65 650W 80 805W 85 850W	LV 120-277V HV 347-480V HV1 277-480V	I 4000K C 5000K K 5700K	B Black	33 3Hx3V 44 4Hx4V	TR Trunnion TR1 Red Trunnion	C With integrated control Blank Without integrated control	Blank Alphanumeric

## ACCESSORIES

			
Silver Top Visor (Default)	White Top Visor (Optional)	Aiming Sight	Integrated Control (Optional)

## MOUNTING BRACKET

	
Another optional easy installation is provided to apply the fixture on a 2 3/8" tennon with Mester Yoke adapter.	Yoke Adaptor (YA)(Option)