

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 lead 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 and 5000K (70/80/90 CRI) configurations
- Scalable lumen packages from 71,000 to 115,000 lumens
- The optics are precisely designed to shape the distribution - maximizing efficiency and application spacing

ELECTRICAL

- Universal 120-277V or 277-480 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%

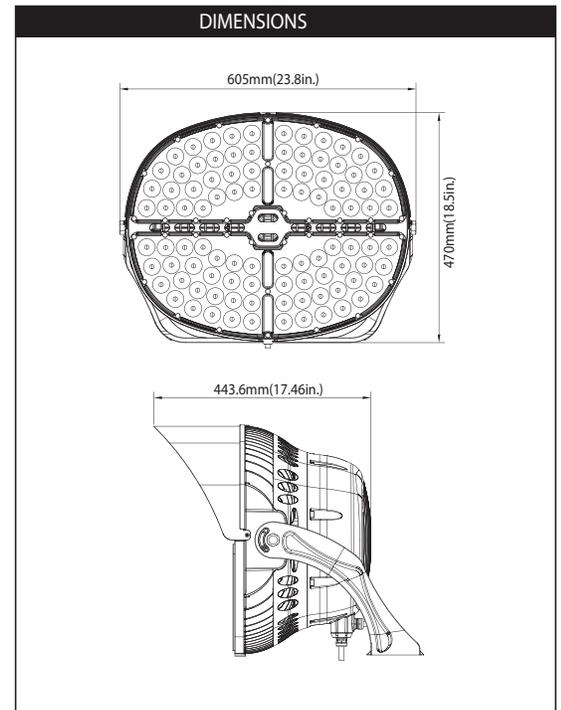
AMBIENT TEMPERATURE

- 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)



WARRANTY 10 year warranty

PERFORMANCE DATA

SYSTEM WATTS	VOLTAGE	NEMA	EPA	CRI	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)
500W	120-277V/347-480V	4Hx4V	1.2413	70	71000lm	142 lm/W	71500lm	143 lm/W
650W	277-480V	4Hx4V	1.2413	70	91500lm	140 lm/W	92000lm	142 lm/W
805W	277-480V	4Hx4V	1.2413	70	113000lm	140 lm/W	115000lm	143 lm/W

ORDERING GUIDE

FIXTURE TYPE	WATTAGE	VOLTAGE	CCT	FINISH	NEMA	MOUNTING	INTEGRATED CONTROL	INTERNAL CODE
LSL2	500 500W 650 650W 805 805W	27V 120-277V 48V 347-480V 48V 277-480V	30K 3000K 40K 4000K 50K 5000K	B Black	B33 3Hx3V B44 4Hx4V	TR 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)