

Specification Features

Construction

- Sealed die-casting profile for outdoor applications
- Low profile, 3G vibration rated compact design minimizes wind load requirements.
- Housing is completely sealed against moisture and environmental contaminants (IP65).

Optics

- Available in NEMA 3Hx3V, 4Hx4V distributions.
- Light engines are available in standard 4000K, 5000K and 5700K (70/80/90 CRI) configurations.
- Scalable Lumen Packages from 68,160 to 118,000 Lumens.
- Optics is precisely designed to shape the distribution, maximizing efficiency and application spacing.

Electrical

- Universal 120-277 VAC or 277-480 VAC input voltage
- Standard with 0-10V dimming driver(s)
- Built in surge suppression with max.20KV @120-277V(Max.40KV @277-480V).
- THD: ≤20%
- Power Factor: ≥90%

Ambient Temperature

- Ambient operating temperature -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) specifications subject to change without notice.

Project:	Date
Type:	
Model:	



Accessories

Trunnion Adapter	Shroud	Aiming Sight

ORDER INFORMATION

EXAMPLE: LSL-500W-Y-50K-4HX4V-BK



Series	Wattage	Voltage	CCT	Mount	Mount Accessory	Shroud	Aiming Sight	CRI	Finish
LSL Sports Light	500W	Y 120-277V	40K 4000K	TR Trunnion Mount	Blank None	Blank None	Blank None	70 70CRI	BK Black
	600W	HV 347-480V	50K 5000K		TA Trunnion Adapter	SH Shroud	AS Aiming Sight	80 80CRI	
	650W* 850W	UNV 277-480V (650W ONLY)*	57K 5700K					90 90CRI	

Enter configuration:

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

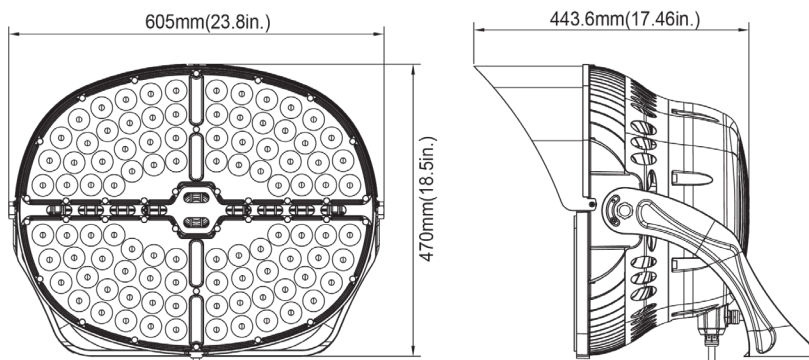
PERFORMANCE DATA

WATTAGE	VOLTAGE	NEMA	EPA	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)	LUMENS (5700K)	LPW (5700K)	Warranty
500W	120-277V/347-480V	4Hx4V	2.5471	71,000lm	142 lm/W	71,000lm	142 lm/W	69,000lm	138 lm/W	10 Years
		3Hx3V	2.5471	68,160lm	136 lm/W	68,160lm	136 lm/W	66,240lm	132 lm/W	
600W	120-277V/347-480V	4Hx4V	2.5471	84,000lm	140 lm/W	84,000lm	140 lm/W	82,000lm	137 lm/W	5 Years
		3Hx3V	2.5471	80,640lm	134 lm/W	80,640lm	134 lm/W	78,720lm	131 lm/W	
650W	277-480V	4Hx4V	2.5471	91,000lm	140 lm/W	91,000lm	140 lm/W	88,000lm	135 lm/W	10 Years
		3Hx3V	2.5471	87,360lm	134 lm/W	87,360lm	134 lm/W	84,480lm	130 lm/W	
850W	120-277V/347-480V	4Hx4V	2.5471	118,000lm	139 lm/W	118,000lm	139 lm/W	112,000lm	132 lm/W	10 Years
		3Hx3V	2.5471	113,280lm	133 lm/W	113,280lm	133 lm/W	107,520lm	126 lm/W	

ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	4800	500	120	4.17
		500	208	2.40
		500	240	2.08
		500	277	1.81
		500	347	1.44
		500	480	1.04
1	4650	600	120	5.00
		600	208	2.88
		600	240	2.50
		600	277	2.17
		600	347	1.73
		600	480	1.25
1	5200	650	277	2.35
		650	347	1.87
		650	480	1.35
1	5200	850	277	3.07
		850	347	2.45
		850	480	1.77

DIMENSIONS



Net Weight:
 500W: 56.30 lb 600W: 56.30 lb 650W: 63.47 lb 850W: 63.47 lb