

Project		Date
Type		
Model		

LSL-SM Series LED Sport Lights

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 4HX4V distributions.
- Light engines are available in standard 4000K, 5000K and 5700K (70/80/90 CRI) configurations.
- Scalable Lumen Packages from 49,500 to 70,000 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 10KA @120-277V(20KA @347-480V).
- 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.



Accessories

		
Trunnion Adapter	Shroud	Aiming Sight

ORDER INFORMATION

EXAMPLE: LSL-SM-505W-Y-50K-4HX4V-BK



Series	Wattage	Voltage	CCT	Optics	Mount	Mount Accessory	Shroud	Aiming Sight	Finish
LSL-SM	350W 505W	Y = 120-277V HV = 347-480V	40K = 4000K 50K = 5000K 57K = 5700K	B44 = 4HX4V	TR = Trunnion Mount	Blank = None TA = Trunnion Adapter	Blank= None SH= Shroud	Blank = None AS = Aiming Sight	BK=Black

Enter configuration:

** Special Order

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.

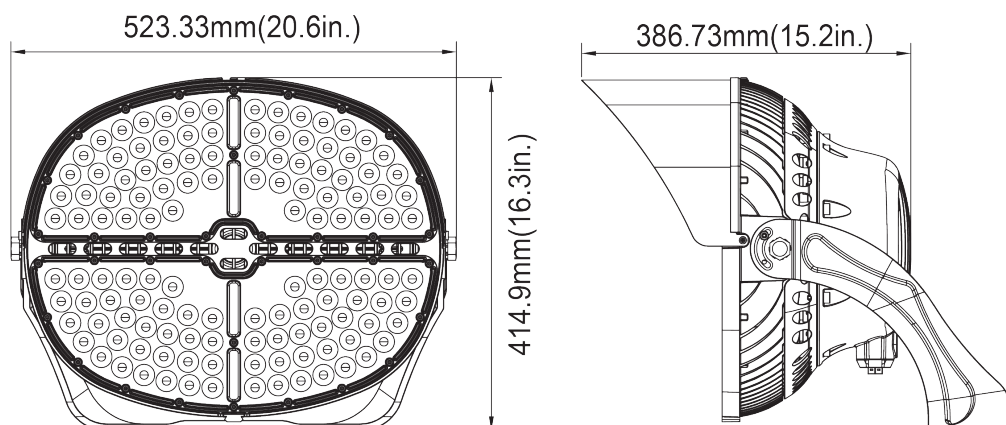
PERFORMANCE DATA

SYSTEMWATTS	VOLTAGE	NEMA	EPA	CRI	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)	LUMENS (5700K)	LPW (5700K)
350W	120-277V/347-480V	4Hx4V	0.8218	70	51,000lm	146 lm/W	51,000lm	146 lm/W	49,500lm	141 lm/W
505W	120-277V/347-480V	4Hx4V	0.8218	70	70,000lm	139 lm/W	70,000lm	139 lm/W	68,000lm	135 lm/W

ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	2400	350	120	2.92
		350	208	1.68
		350	240	1.46
		350	277	1.26
		350	347	1.01
		350	480	0.73
1	2350	505	120	4.21
		505	208	2.43
		505	240	2.10
		505	277	1.82
	2500	505	347	1.46
		505	480	1.05

DIMENSIONS



Net Weight :
350W: 37.565 lb

505W: 39.264 lb