



LED SPORTS LIGHT (SL03)

Applications:

Precision engineered optics provide excellent high output and high efficiency, making them ideal solutions for municipal, secondary schools, college and professional outdoor sports lighting.

FEATURES

Construction:

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

Optics:

- Available in NEMA 2Hx2V, 3Hx3V, 4Hx4V, 5Hx5V, 6Hx6V distributions
- Light engines are available in standard 4000 K, 5000K and 5700 K (70/80/90 CRI) configurations
- Scalable Lumen Packages from 70,000 to 165,000 Lumens
- Optics is precisely designed to shape the distribution, maximizing efficiency and application spacing

Electrical:

- Input voltage: 200-480VAC or 120-277V or 347-480V
- Standard with 0-10V dimming driver(s)
- Built in surge suppression with max 40KV
- THD: $\leq 20\%$
- Power Factor: $\geq 90\%$

Ambient Temperature:

- Ambient operating temperature -40°C to 50°C (-40°F to 122°F)

Lifespan:

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

Warranty:

- Ten-year limited warranty

Certifications:

- UL wet location listed



Small Size
500W & 600W



Large Size
850W & 1200W



REMOTE DRIVER BOX (OPTIONAL)

The SL03 supports remote installation of the driver - simple installation, access and maintenance of the equipment can be met by placing the driver box at the bottom of the pole. (Extension power cord sold separately).



DRIVER BOX ATTACHED (OPTIONAL)

The fixture and driver can be installed on the top of the light pole as a single unit, which is simple and fast, without additional labor costs to install the driver.



INTEGRATED CONTROLS

The fixture is compatible with Synapse™ wireless control system, including RGB sports lighting. It offers a smart, stable and imaginative lighting control solution to your sports facility.



PERFORMANCE DATA

SIZE	SYSTEM WATTS	VOLTAGE	NEMA	EPA	CRI	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)	LUMENS (5700K)	LPW (5700K)
Small Size	500W	120-277V 347-480V	4Hx4V	1.8911	70	70000lm	140 lm/W	70000lm	140 lm/W	68000lm	136 lm/W
			3Hx3V	1.8911	70	70000lm	140 lm/W	70000lm	140 lm/W	68000lm	136 lm/W
Small Size	600W	200-480V	4Hx4V	1.8911	70	92000lm	153 lm/W	92000lm	153 lm/W	90000lm	150 lm/W
			3Hx3V	1.8911	70	92000lm	153 lm/W	92000lm	153 lm/W	90000lm	150 lm/W
Large Size	850W	200-480V	4Hx4V	2.5471	70	120000lm	141 lm/W	120000lm	141 lm/W	115000lm	135 lm/W
			3Hx3V	2.5471	70	120000lm	141 lm/W	120000lm	141 lm/W	115000lm	135 lm/W
Large Size	1200W	200-480V	3Hx3V	2.5471	70	165000lm	138 lm/W	165000lm	138 lm/W	160000lm	133 lm/W
			2Hx2V	2.5471	70	165000lm	138 lm/W	165000lm	138 lm/W	160000lm	133 lm/W
			4Hx4V	2.5471	70	165000lm	138 lm/W	165000lm	138 lm/W	160000lm	133 lm/W

ELECTRICAL DATA

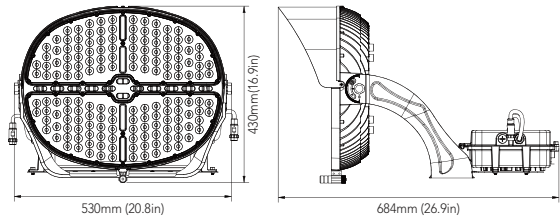
NUMBER OF DRIVERS	DRIVER CURRENT (MA)	NOMINAL POWER (W)	INPUT VOLTAGE (V)	CURRENT (AMPS)
1	1350	500	120	4.17
		500	208	2.40
		500	240	2.08
		500	277	1.81
		500	347	1.44
		500	480	1.04
1	1250	600	208	2.88
		600	240	2.50
		600	277	2.17
		600	347	1.73
		600	480	1.25
1	2750	850	208	4.09
		850	240	3.54
		850	277	3.07
		850	347	2.45
		850	480	1.77
1	4000	1200	208	5.77
		1200	240	5.00
		1200	277	4.33
		1200	347	3.46
		1200	480	2.50

DIMENSIONS

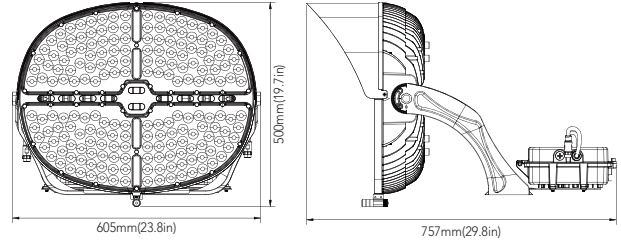
unit: mm/inch

With Driver Box Attached

Small Size: 500W & 600W

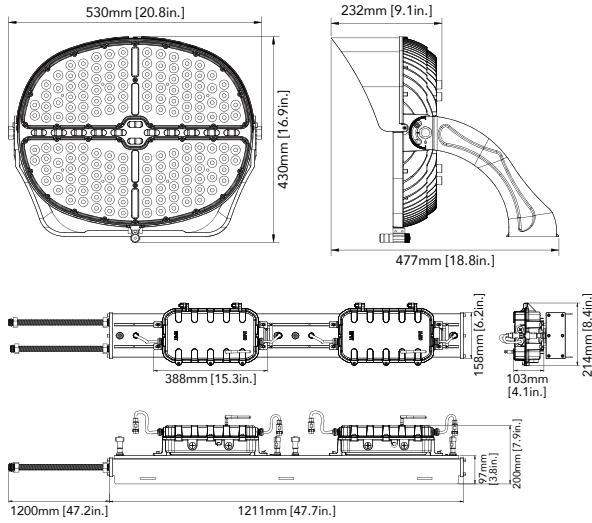


Large Size: 850W & 1200W

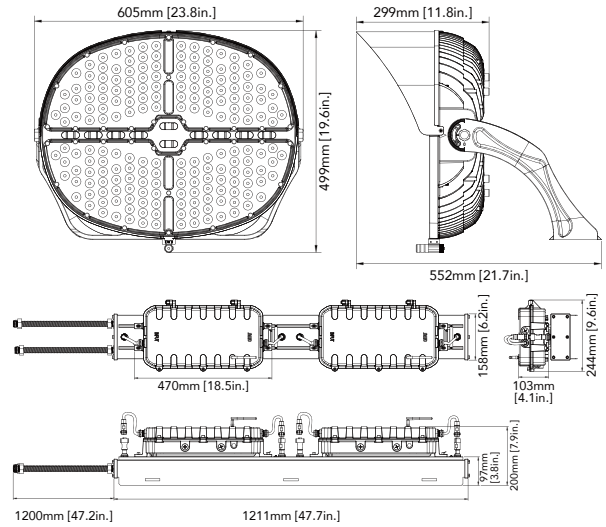


Without Driver Box Attached

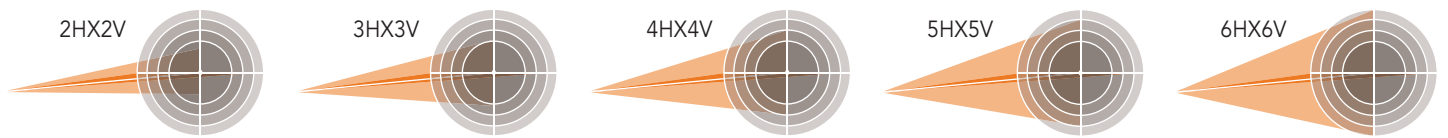
Small Size: 500W & 600W



Large Size: 850W & 1200W



PHOTOMETRICS



ACCESSORIES

 <p>Black Top Visor (Default)</p>	 <p>Aiming Sight (Default)</p>	 <p>Yoke Adaptor (Option)</p>	 <p>Square Beam Mounting Bracket (sold separately)</p>
 <p>Extension Cord Up to 164' (50m)</p>	 <p>Power Box Mounting Rail (sold separately)</p>	 <p>Glare Control Shield (Optional for large size)</p>	 <p>Integrated Control (Option)</p> <p>synapse DIM10-087-06</p>

ORDERING GUIDE

Example: AO-SL03-500-LV-40K-B-B22-TR-C

Fixture Type	Wattage	Voltage	CCT	Finish	Nema	Mounting (Option)	Integrated Control	Internal Code
AO- <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
SL03 Sports light	500 500W 600 600W 850 850W 1200 1200W	LV 120-277V HV 200-480V	40K 4000K 50K 5000K 57K 5700K	B Black	B22 2Hx2V B33 3Hx3V B44 4Hx4V B55 5Hx5V ² B66 6Hx6V ²	TR Trunion	C With Integrated Control Blank Without Integrated Control	Blank Alphanumeric

Note: 1. Only 500W optional for 120-277V input voltage.
2. 5H5V,6H6V will be coming soon.

Actual performance may differ as a result of end-user environment and application. All values are design or calculated values measured in laboratory conditions. Specifications subject to change without notice.



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