



# SPORTS LIGHT (SL05)

## Applications:

Suitable for sports arenas, ports, industrial, institutional, shipyard and railyard applications.

## FEATURES

### Construction:

- Strong and durable 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 4000K, 5000K and 5700 K (70/80/90 CRI) configurations
- Scalable Lumen Packages from 72,000 to 180,000 Lumens
- Optics is precisely designed to shape the distribution, maximizing efficiency and application spacing

### Electrical:

- Ultra-wide input voltage: 200-480VAC or 120-277V (500W only)
- Standard with 0-10V dimming driver(s)
- Built in surge suppression with max 40KV
- THD:  $\leq 15\%$
- Power Factor:  $\geq 90\%$

### Installation:

- Designed for installation with included trunnion bracket
- The Tenon Adaptor (optional) is designed to use with a 2 3/8" to 3" O.D. tenon

### Ambient Temperature:

- Ambient operating temperature  $-40^{\circ}\text{C}$  to  $50^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$  to  $122^{\circ}\text{F}$ )

### Lifespan:

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

### Certifications:

- UL wet location listed

### Warranty:

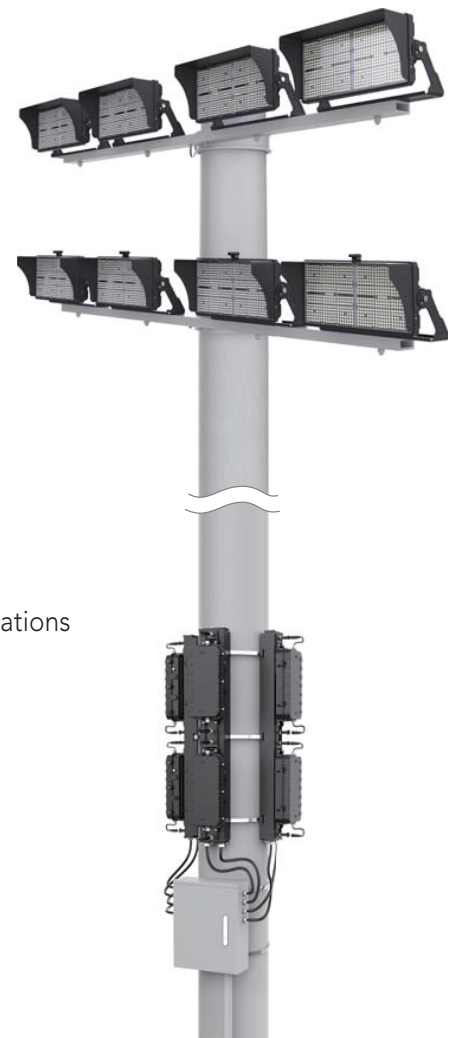
- Five year limited warranty



Small Size 500W & 600W



Large Size 850W & 1200W



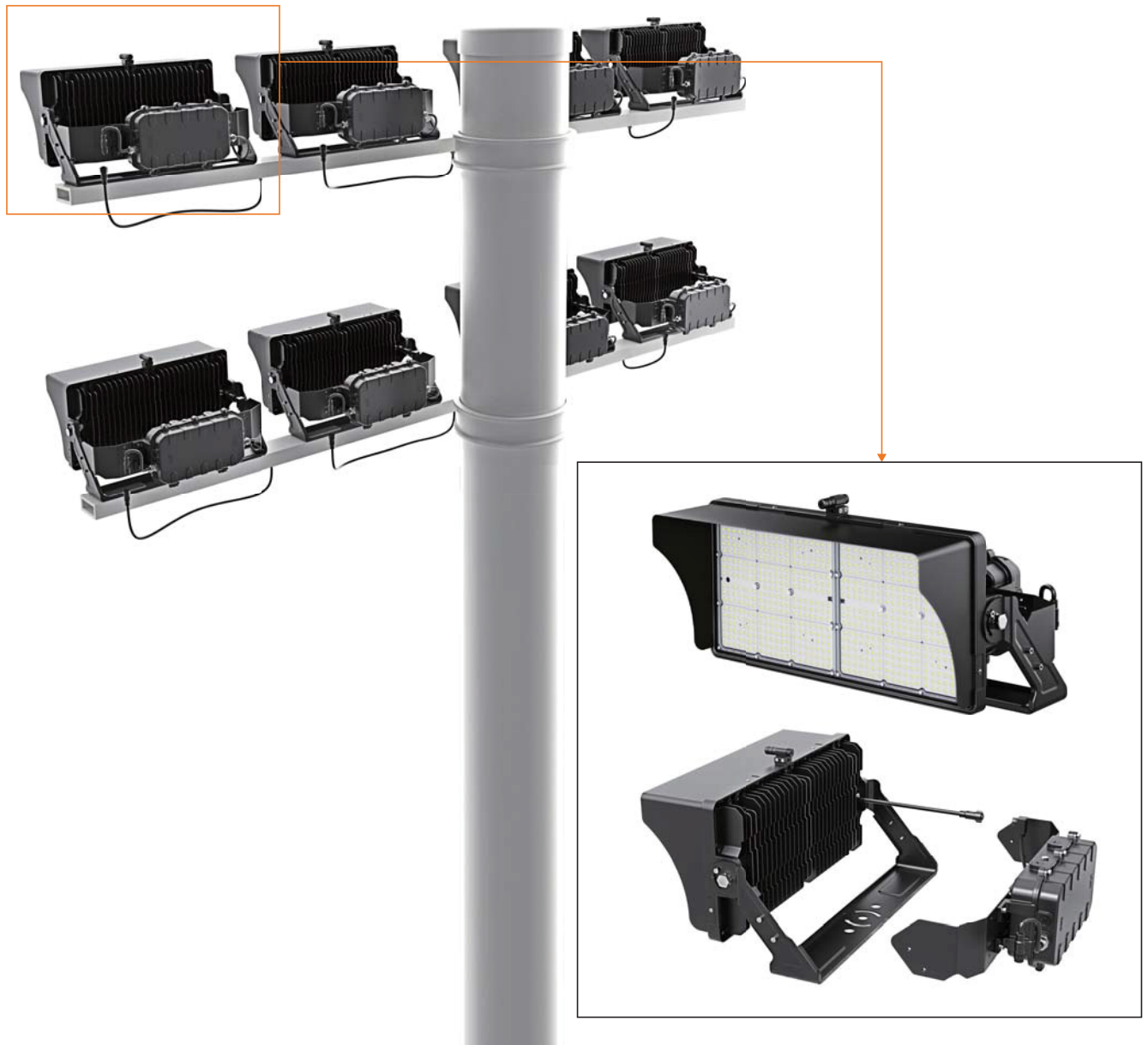
# REMOTE DRIVER BOX (OPTIONAL)

The SL05 supports remote installation of the driver - simple installation, access and maintenance of the equipment can be easily accessed by placing the driver box at the bottom of the pole. (Extension power cord / sold separately).



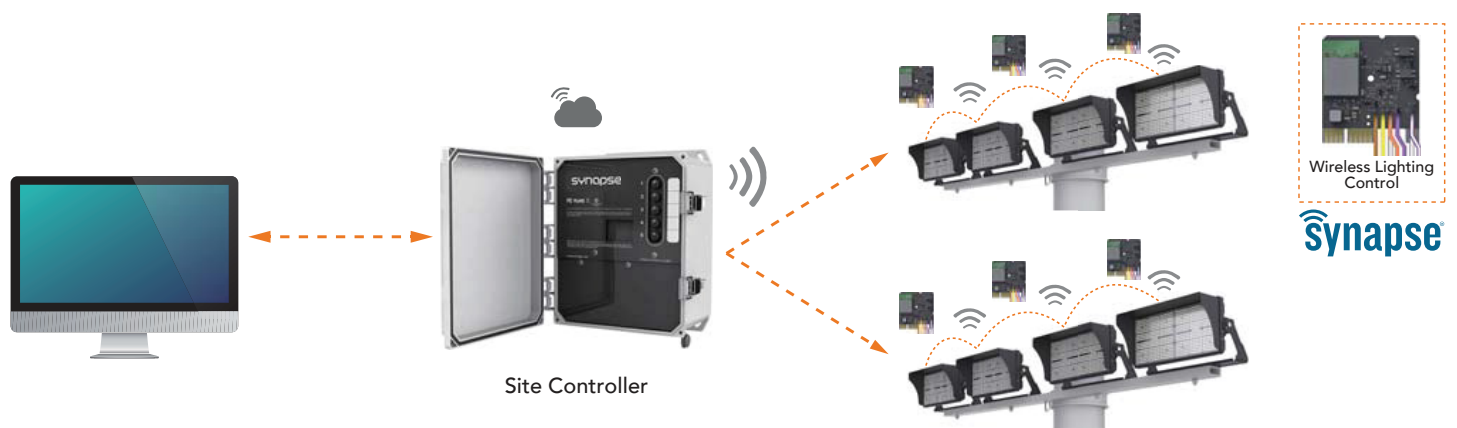
## DRIVER BOX ATTACHED (OPTIONAL)

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	EPA	CRI	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)	LUMENS (5700K)	LPW (5700K)
Small Size	500W	120-277V 200-480V	1.8202	70	75000lm	150 lm/W	75000lm	150 lm/W	72000lm	144 lm/W
Small Size	600W	200-480V	1.8202	70	92000lm	153 lm/W	92000lm	153 lm/W	90000lm	150 lm/W
Large Size	850W	200-480V	3.3821	70	125000lm	147 lm/W	125000lm	147 lm/W	122000lm	144 lm/W
Large Size	1200W	200-480V	3.3821	70	180000lm	150 lm/W	180000lm	150 lm/W	170000lm	142 lm/W

## ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	1600	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	1800	600	208	2.88
		600	240	2.50
		600	277	2.17
		600	347	1.73
		600	480	1.25
1	2700	850	208	4.09
		850	240	3.54
		850	277	3.07
		850	347	2.45
		850	480	1.77
1	3600	1200	208	5.77
		1200	240	5.00
		1200	277	4.33
		1200	347	3.46
		1200	480	2.50

## ORDERING GUIDE

Example: AO-SL05-500-LV-40-B-B22-TR-C

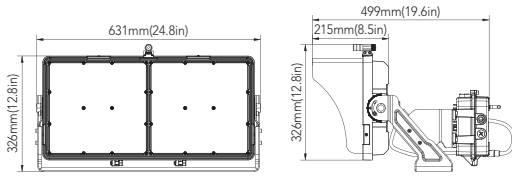
Fixture Type	Wattage	Voltage	CCT	Finish	Nema	Mounting(Optional)	Integrated Control	Internal Code
AO- <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>SL05</b> Sports light	<b>500<sup>1</sup></b> 500W <b>600</b> 600W <b>850</b> 850W <b>1200</b> 1200W	<b>LV</b> 120-277V <b>HV</b> 200-480V	<b>40</b> 4000K <b>50</b> 5000K <b>57</b> 5700K	<b>B</b> Black	<b>B22</b> 2Hx2V <b>B33</b> 3Hx3V <b>B44</b> 4Hx4V <b>B55</b> 5Hx5V <sup>2</sup> <b>B66</b> 6Hx6V <sup>2</sup>	<b>TR</b> Trunnion	<b>C</b> With Integrated Control <b>Blank</b> Without Integrated Control	<b>Blank</b> <b>Alphanumeric</b>

Note: 1. Only 500W optional for 120-277V input voltage.

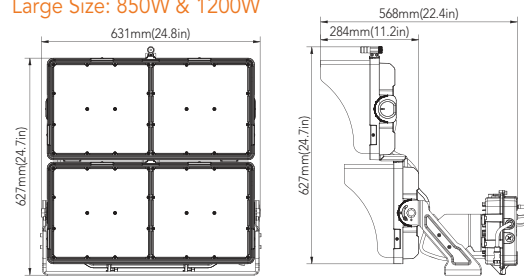
# DIMENSIONS

With Driver Box Attached

Small Size: 500W & 600W

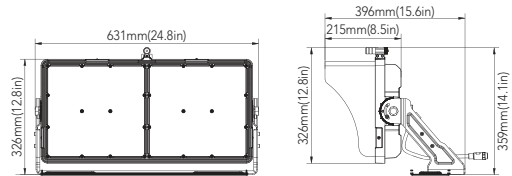


Large Size: 850W & 1200W

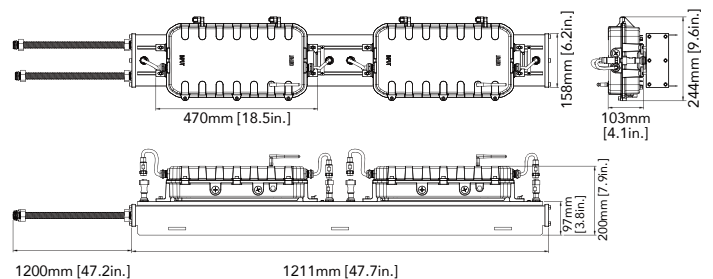
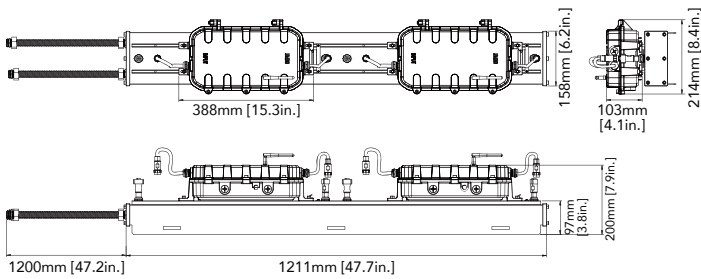
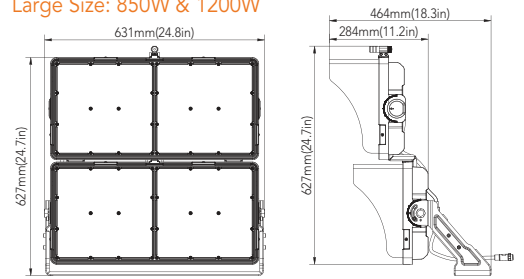


Without Driver Box Attached

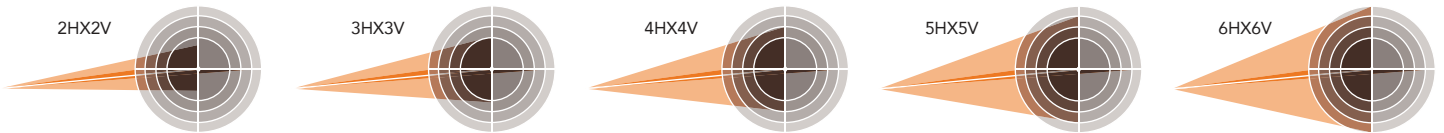
Small Size: 500W & 600W



Large Size: 850W & 1200W



## PHOTOMETRICS



## ACCESSORIES

 <p>Black Top Visor (Default)</p>	 <p>Aiming Sight (Default)</p>	 <p>Tenon Adaptor (Optional)</p>	 <p>Square Beam Mounting Bracket (Sold Separately)</p>
 <p>Extension Cord (Sold Separately) Up to 164' (50m)</p>	 <p>Driver Box Mounting Rail (Sold Separately)</p>	 <p>Integrated Control (Optional)</p>	

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.