

PROJECT NAME: \_\_\_\_\_

CATALOG #: \_\_\_\_\_

NOTES: \_\_\_\_\_

DATE: \_\_\_\_\_



Small Size  
500W & 600W



Small Size  
500W  
RGB



Large Size  
850W & 1200W

## BLS-SLR SPORTS AREA LIGHT

The BLS-SLR is a powerful stadium light designed with Remote Driver System. This Remote Driver System not only makes the fixture easy to install, greatly improves the flexibility of on-site installation, but also simplifies the driver maintenance operation steps to the greatest extent, eliminating the cost to take the bucket or crane basket equipment for maintenance. Precision engineered optics provide excellent high output and high efficiency, making them ideal solutions for municipal, school and semi-professional outdoor sports lighting.

### SPECIFICATIONS 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 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 160,000 Lumens.
- Optics is precisely designed to shape the distribution, maximizing efficiency and application spacing.

#### Electrical:

- Ultra-wide input voltage: 200-480VAC or 120-277V 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  $-40^{\circ}\text{C}$  to  $40^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$  to  $104^{\circ}\text{F}$ )

#### Lifespan:

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

#### Certification:

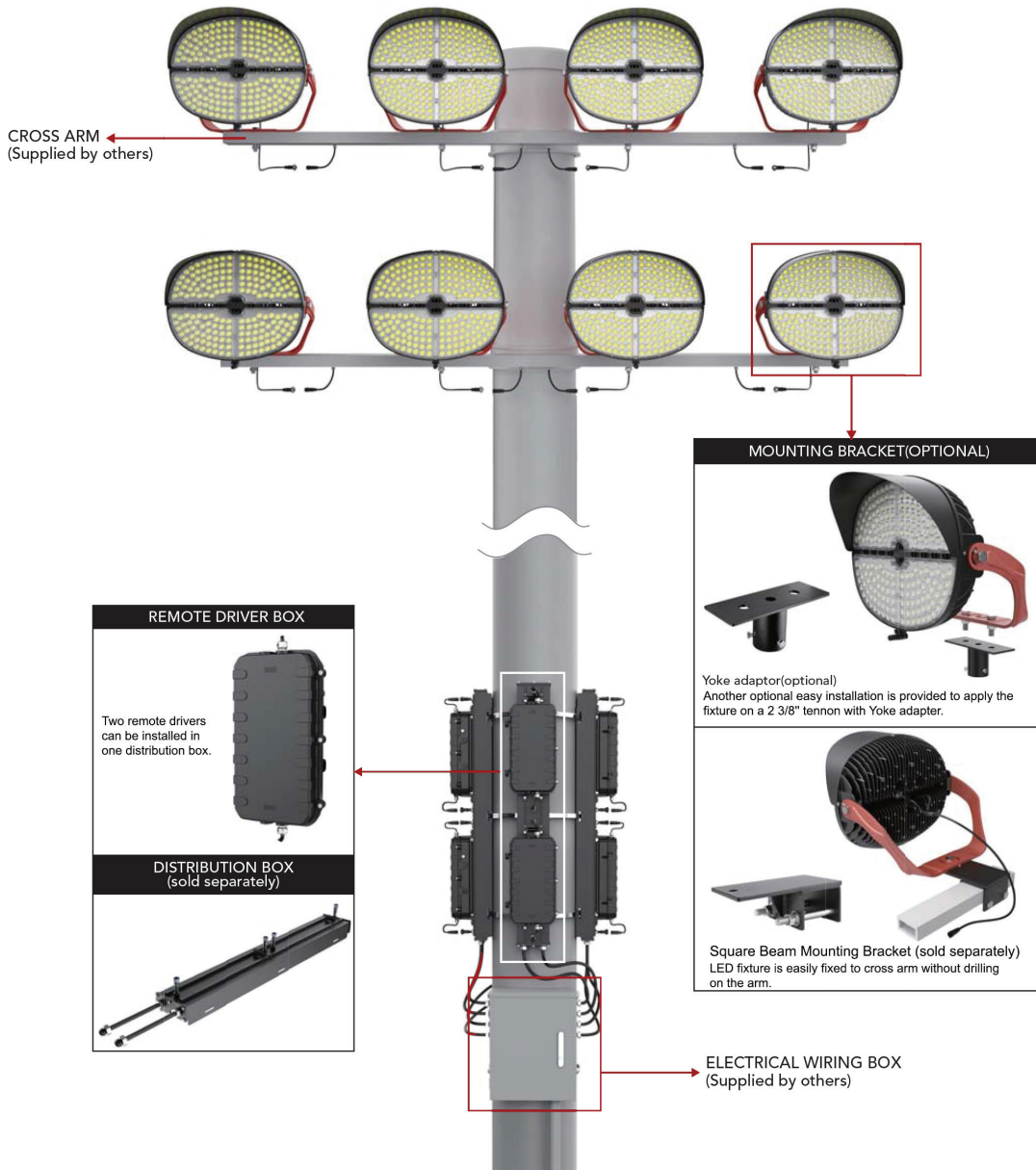
- UL wet location listed

*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  $25^{\circ}\text{C}(\pm 5^{\circ}\text{C})$  specifications subject to change without notice.*



### REMOTE DRIVER OPTION

The BLS-SLR supports remote installation of the drive power – simple installation, access and maintenance of the equipment can be met by placing the drive power of the fixture at the bottom of the pole by using a fixture and extension power cord (sold separately).



### INTEGRATED CONTROLS

The wireless control system can complete the dimming function of the stadium lights and add theatrical lighting programs on other hardware devices.  
Such as DMX and DALL.



ORDERING GUIDE

SAMPLE: BLS-SLR-500-27V-40-B-B22-TR-C

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MODEL	WATTAGE	VOLTAGE	CCT	FINISH	NEMA	MOUNTING	INTEGRATED CONTROL	INTERNAL CODE
BLS-SLR	500 - 500W	27V - 120-27w7V	40 - 4000K	B - Black	B22 - 2Hx2V	TR - Trunnion	C - With Integrated Control	Blank
	600 - 600W	48V - 347-480V	50 - 5000K		B33 - 3Hx3V		Blank - Without Integrated Control	Alphanumeric
	850 - 850W	48V - 200-480V	57 - 5700K		B44 - 4Hx4V			
	1200 - 1200W		RGB¹		B55 - 5Hx5V² B66 - 6Hx6V²			

Note:

1. Only 500W optional for RGB and 120-277V or 347-480V input voltage.

2. 5H5V,6H6V will be coming soon.

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	160000lm	133 lm/W	160000lm	133 lm/W	150000lm	125 lm/W
			2Hx2V	2.5471	70	160000lm	133 lm/W	160000lm	133 lm/W	150000lm	125 lm/W

RGB PERFORMANCE DATA

SIZE	SYSTEM WATTS	VOLTAGE	NEMA	EPA	CRI	LUMENS (Red)	LUMENS (Green)	LUMENS (Blue)
Small Size	500W	120-277V 347-480V	4Hx4V	1.8911	70	12000lm	10000lm	2000lm

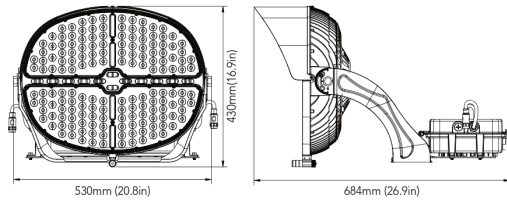
ELECTRICAL DATA

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

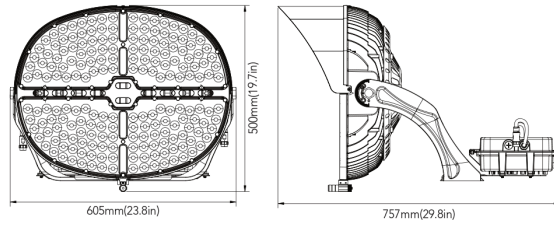
## DIMENSIONS

With Driver Box Attached

Small Size: 500W & 600W

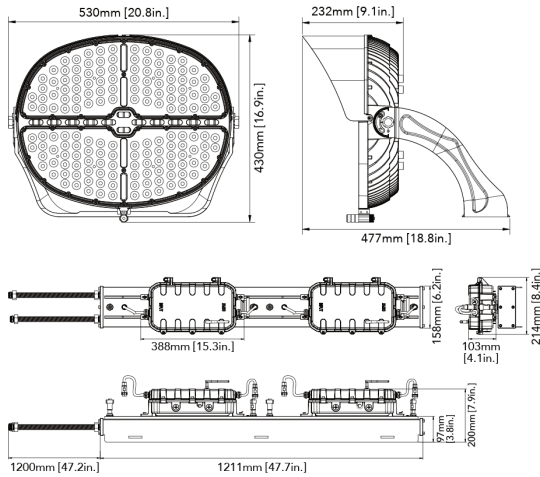


Large Size: 850W & 1200W

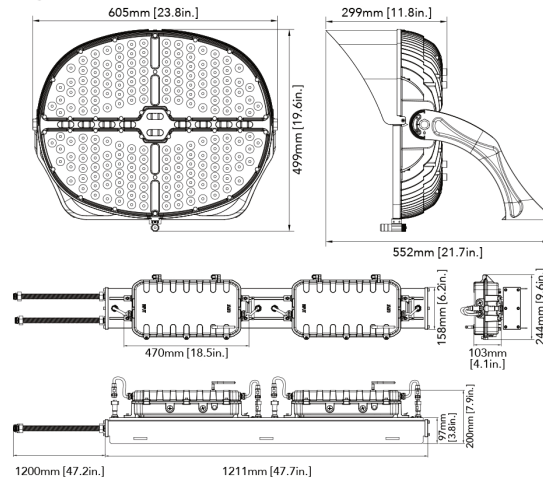


With Remote Driver Box

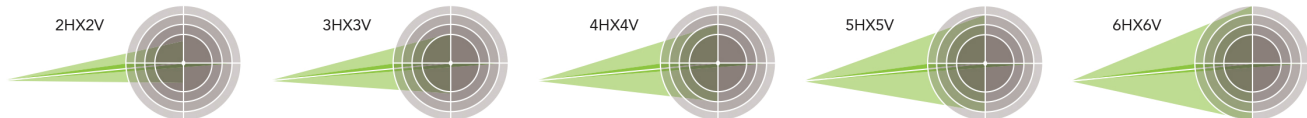
Small Size: 500W & 600W





Large Size: 850W & 1200W



## PHOTOMETRICS



## ACCESSORIES

 <p>Black Top Visor (default)</p>	 <p>Aiming Sight (default)</p>	 <p>Yoke Adaptor (default)</p>	 <p>Square Beam Mounting Bracket (sold separately)</p>
 <p>Extension Cord up to 164' (50m)</p>	 <p>Distribution Box (sold separately)</p>	 <p>Glare Control Shield (optional for large size)</p>	 <p>Integrated Control (option)</p>