

PROJECT NAME: _____

CATALOG #: _____

NOTES: _____

DATE: _____

BLS-SLR SPORTS AREA LIGHT

The BLS-SLR is a powerful stadium light designed with precision engineered optics provide excellent high output and high efficiency, making them ideal solutions for municipal, school and semi-professional outdoor sports lighting. Dynamic thermal management design maximizes heat dissipation and significantly improves the life of luminaires. Built-in surge suppression adds and extra layer of protection to the driver. Versatile mounting bracket for hassle-free installation.



Small Size:
505W & 600W



Large Size:
850W

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 3Hx3V, 4Hx4V, 5Hx5V and 6Hx6V distributions.
- Light engines are available in standard 4000 K, 5000K and 5700 K (70/80/90 CRI) configurations.
- Scalable Lumen Packages from 72,000 to 120,000 Lumens.
- Optics is precisely designed to shape the distribution, maximizing efficiency and application spacing.

Electrical:

- Ultra-wide input voltage: 120-277V or 200-480V
- 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 40°C (-40°F to 104°F)

Lifespan:

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

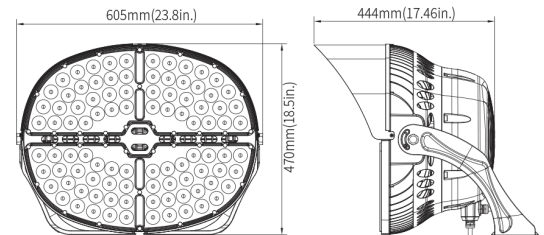
Certification:

- 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°C(±5°C) specifications subject to change without notice.

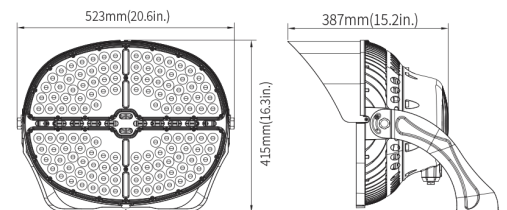
DIMENSIONS

Large Size: 850W



Net Weight:
850W:63.47 lb

Small Size: 505W & 600W



Net Weight:
505W:39.26 lb 600W:40.99 lb

ORDERING GUIDE

SAMPLE: BLS-SLR-505-27V-40-B-B33-TR-C

□ - □ - □ - □ - □ - □ - □ - □ - □

MODEL	WATTAGE	VOLTAGE	CCT	FINISH	NEMA	MOUNTING	INTEGRATED CONTROL	INTERNAL CODE
BLS-SLR	505 - 505W	27V - 120-277V	40 - 4000K	B - Black	B33 - 3Hx3V	TR - Trunnion	C - with Integrated Control	Blank
	850 - 850W	48V - 347-480V	50 - 5000K		B44 - 4Hx4V		Blank - without	Alphanumeric
			57 - 5700K		B55 - 5Hx5V ¹			
				B66 - 6Hx6V ¹				

Notes:

1. 5Hx5V, 6Hx6V coming soon

□ - □ - □ - □ - □ - □ - □ - □ - □

MODEL	WATTAGE	VOLTAGE	CCT	FINISH	NEMA	MOUNTING	INTEGRATED CONTROL	INTERNAL CODE
BLS-SLR	600 - 600W	27V - 120-277V 48V - 347-480V	40 - 4000K	B - Black	B22 - 2Hx2V	TR - Trunnion	C - with Integrated Control	Blank
			50 - 5000K		B33 - 3Hx3V		Blank - without	Alphanumeric
			57 - 5700K		B44 - 4Hx4V			
				B55 - 5Hx5V ¹				
				B66 - 6Hx6V ¹				

Notes:

1. 5Hx5V, 6Hx6V 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	505W	120-277V / 200-480V	4Hx4V	0.8218	70	72000lm	143 lm/W	72000lm	143 lm/W	72000lm	143 lm/W
			3Hx3V	0.8218	70	72000lm	143 lm/W	72000lm	143 lm/W	72000lm	143 lm/W
Small Size	600W	200-480V	4Hx4V	0.8218	70	90000lm	150 lm/W	90000lm	150 lm/W	90000lm	150 lm/W
			3Hx3V	0.8218	70	90000lm	150 lm/W	90000lm	150 lm/W	90000lm	150 lm/W
Large Size	850W	200-480V	4Hx4V	1.2413	70	120000lm	141 lm/W	120000lm	141 lm/W	120000lm	141 lm/W
			3Hx3V	1.2413	70	120000lm	141 lm/W	120000lm	141 lm/W	120000lm	141 lm/W

ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	1300	505	120	4.21
		505	208	2.43
		505	240	2.10
		505	277	1.82
		505	347	1.46
		505	480	1.05
1	1200	600	208	2.88
		600	240	2.50
		600	277	2.17
		600	347	1.73
		600	480	1.25
1	2800	850	208	4.09
		850	240	3.54
		850	277	3.07
		850	347	2.45
		850	480	1.77

PHOTOMETRICS



ACCESSORIES



Black Top Visor (default)



Aiming Sight



Integrated Control (option)



Glare Control Shield
(optional for Large Size)

MOUNTING BRACKET



Luminaire

Yoke adapter

Another optional easy installation is provided to apply the fixture on a 2 3/8" tenon with Yoke adapter



Yoke Adapter (option)



Luminaire

Sqaure Beam Mounting Bracket

LED fixture is easily fixed to cross arm without drilling on the arm.



Square Beam Mounting Bracket
(sold separately)