



SLST2 LED SPORT LIGHT

DESCRIPTION

The SLST2 LED Sport Light is a high-performance lighting solution designed for outdoor sports fields, stadiums, and large-area applications. Available in 300W to 1200W, a range of lumen packages from 48,000 to 192,000 lumens configurations, it delivers powerful illumination with multiple optical options for improved visibility.

Built with a rugged die-cast aluminum housing, the SLST2 ensures long-lasting durability and superior heat dissipation. It features multiple beam angle options, 0-10V dimming, and optional wireless controls, making it ideal for professional sports lighting, parking lots, and industrial yards. UL certified, the SLST2 is the perfect upgrade for high-output lighting needs with maximum energy savings and reliability.

SPECIFICATION FEATURES

Construction & Materials

- Die-cast aluminum housing maximize LED lifetime and optimal performance
- IP66 Rated and UV resistant powder coat finish
- Offer multiple installation mounts
- Includes multiple mounting options
- Heavy duty metal heat sink

Electrical System

- High efficiency driver
- Input Voltage: 120-277V, 347V/480V, 50/60Hz
- Operating Temperature: -40°C (-40°F) to 45°C (113°F)
- 0-10V dimmable
- Non Flickering (Flicker rate <3%)
- Power Factor: >0.95
- Total Harmonic Distortion: <15%
- Surge Protection: 10kV

Optical System

- 15°/25°/40°/60°/80°

Control

- Optional bluetooth remote control

LED

- CRI: 70
- CCT: 4000K, 5000K, 6500K
- Calculated L_{70} Lifetime: >295,000 hours @ 25°C
- Reported L_{90} Lifetime: >86,000 hours @ 25°C

Warranty

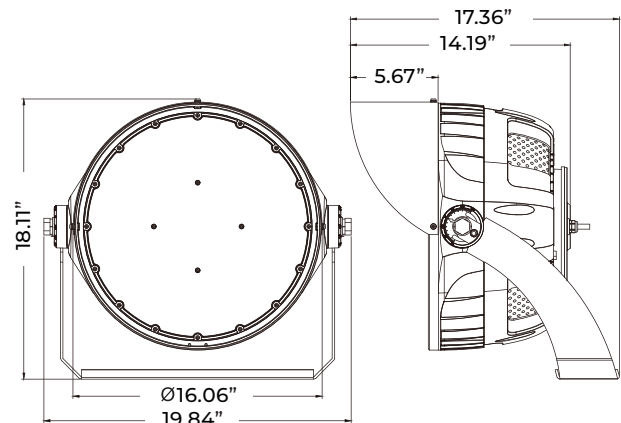
- 10 Years

Project:	
Type:	
Note:	

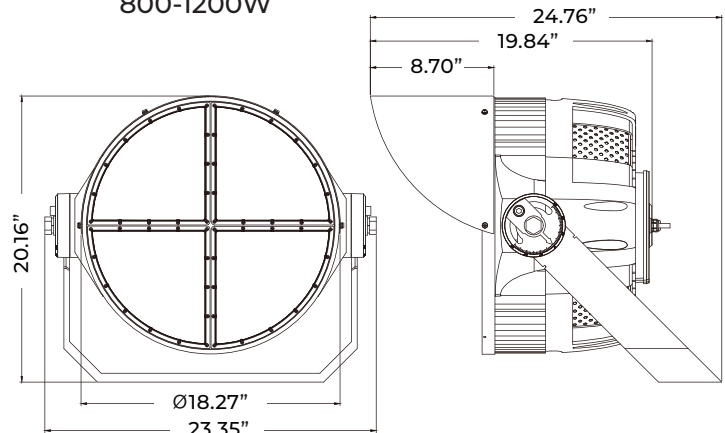


DIMENSION

300-600W



800-1200W



ORDER INFORMATION

SLST2 LED SPORT LIGHT

Example: SLST2-400-40-50-U-BL

SLST2					
Series	Wattage	Optics	CCT	Voltage	Color
SLST2=LED Sport Light	300= 300W 400 = 400W 500 = 500W 600 = 600W	15=15° 25=25° 40=40° 60=60°	40=4000K 50=5000K 57=5700K 65=6500K	U=120-277V H=277-480V	BL=Black
	800 = 800W 1000 = 1000W 1200 = 1200W	15=15° 40=40° 60=60° 80=80°			
Accessories					
SLST2-MK1=Slip fitter SLST2-MK2=Yoke mount SLST2-MK3=Cover shield					

PERFORMANCE DATA

Wattage	CRI	Lumens	Efficacy	CCT
300	70	45000	150	4000K/5000K
300	70	46500	155	6500K
400	70	60000	150	4000K/5000K
400	70	62000	155	6500K
500	70	75000	150	4000K/5000K
500	70	77500	155	6500K
600	70	90000	150	4000K/5000K
600	70	93000	155	6500K
800	70	120000	150	4000K/5000K
800	70	120000	150	6500K
1000	70	150000	150	4000K/5000K
1000	70	150000	150	6500K
1200	70	180000	150	4000K/5000K
1200	70	180000	150	6500K



The diagram illustrates the beam spread of a 13-degree light source. It shows a cone representing the beam, with vertical lines indicating distances from 1 meter to 5 meters. At each distance, the beam width, footcandle (fcd) measurement, and lux measurement are provided. The beam center is marked with a horizontal line.

Distance (meter)	Distance (feet)	Beam width (meter)	Beam width (feet)	Footcandles*	Lux*
1 m	3.3 ft	0.2 m	0.7 ft	26231.7 fcd	282356 lx
2 m	6.6 ft	0.5 m	1.5 ft	6557.9 fcd	70589 lx
3 m	9.8 ft	0.7 m	2.2 ft	2914.6 fcd	31373 lx
4 m	13.1 ft	0.9 m	3 ft	1639.5 fcd	17647 lx
5 m	16.4 ft	1.1 m	3.7 ft	1049.3 fcd	11294 lx

*measured at center of beam

The diagram illustrates a 21-degree beam of light originating from a point source. The beam's width and the resulting illuminance (in Lux and footcandles) are shown at distances of 1m, 2m, 3m, 4m, and 5m. The beam center is marked, and the values decrease as the distance increases.

Distance (meter)	Distance (feet)	Beam width (meter)	Beam width (feet)	Lux*	Footcandles*
1 m	3.3 ft	0.4 m	1.2 ft	202122 lx	18777.7 fcd
2 m	6.6 ft	0.7 m	2.4 ft	50530 lx	4694.4 fcd
3 m	9.8 ft	1.1 m	3.6 ft	22458 lx	2086.4 fcd
4 m	13.1 ft	1.5 m	4.8 ft	12633 lx	1173.6 fcd
5 m	16.4 ft	1.8 m	6.1 ft	8085 lx	751.1 fcd

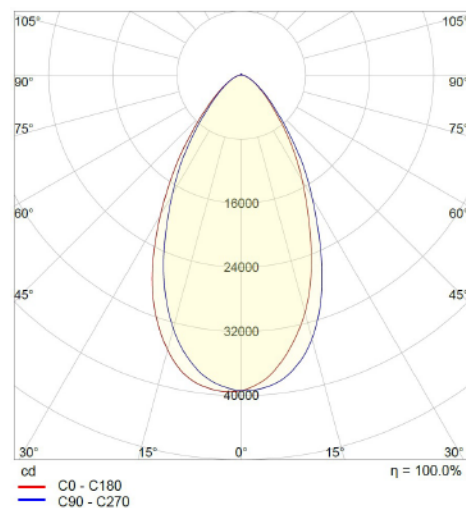
*measured at center of beam

The diagram illustrates a 41-degree beam of light originating from a source on the left. The beam is represented by a gray cone that widens as it extends to the right. A horizontal line labeled "beam center" runs through the middle of the cone. Vertical lines mark distances of 1 m, 2 m, 3 m, 4 m, and 5 m from the source. At each distance, an oval cross-section of the beam is shown, with numerical values for illuminance (Lux*) and footcandles (Footcandles*) written above and below it. The values decrease as the distance increases. At the far right, the beam width is indicated as 3.8 m (12.4 ft).

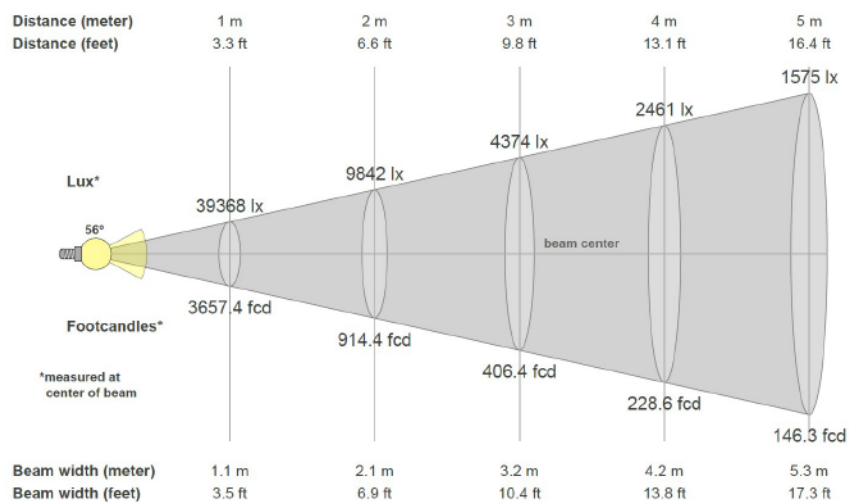
Distance (meter)	Distance (feet)	1 m	2 m	3 m	4 m	5 m
Distance (meter)	Distance (feet)	1 m	2 m	3 m	4 m	5 m
		3.3 ft	6.6 ft	9.8 ft	13.1 ft	16.4 ft
Lux*		57446 lx	14362 lx	6383 lx	3590 lx	2298 lx
Footcandles*		5336.9 fcd	1334.2 fcd	593.0 fcd	333.6 fcd	213.5 fcd
Beam width (meter)	Beam width (feet)	0.8 m	1.5 m	2.3 m	3 m	3.8 m
		2.5 ft	4.9 ft	7.4 ft	9.9 ft	12.4 ft

*measured at center of beam

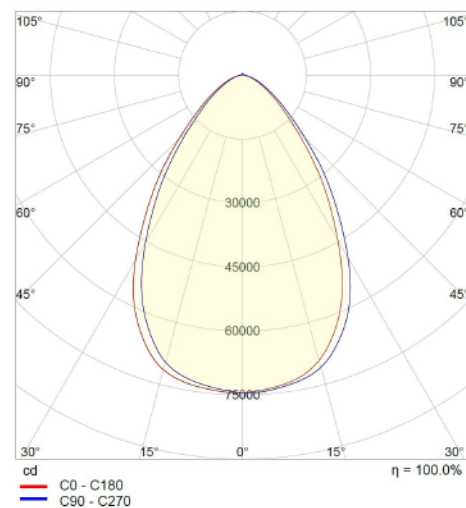
300W 60° 4000K



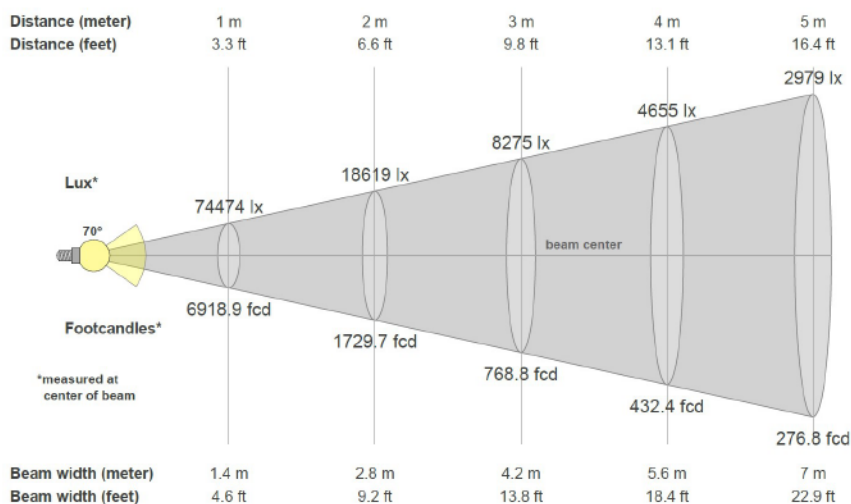
Beam details



800W 80° 4000K



Beam details



Weight

Wattage	Weight (lbs)	Weight (kg)
300W	38.97	17.67
400W	43.29	19.63
500W	46.16	20.93
600W	46.76	21.20
800W	67.57	30.64
1000W	69.51	31.52
1200W	73.30	33.24

