


Certified LED Lights®

Product Data Sheet
Sports Lighter



Product Overview

This 600W Stadium Sport Light is the top of the line in both quality and price. Lumileds LED chips and premium Sosen driver produce 96,700 Lumens. It has a rugged corrosion resistant die-cast aluminum housing with epoxy coating and a tough poly-carbonate prismatic lens. IP65 for all weather conditions and comes with 0-10V dimmable and rotatable bracket design. It offers versatility for any sports lighting, parking lot lighting, dock lighting, high mast flood lighting and stadium lighting.

This sports lighter is integrated with high-efficiency heat sinking and includes a 20kV surge protection. This light reduces energy consumption by up to 90% compared to traditional HID lighting.

This maintenance Free light eliminates frequent bulb and ballast replacements, offering significant, long-term cost savings and comes with a 5-year warranty.

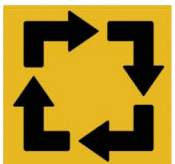
Main Features

- * Color: available in 5,000K
- * Up to 96,700 Lumens at 5,000K / 161 Lu/W
- * Phillips Lumileds SMD2835 and Sosen Drivers
- * Long-life LEDs provide 50,000 hours of operation with at least 70% of initial lumen output (L70)
- * Universal 100-277 AC voltage (50-60Hz)
- * High Voltage 277V-480V model available
- * 20KV surge protection included
- * Beam Angle: >30 degrees
- * Distribution pattern: NEMA 4
- * Total harmonic distortion < 20%
- * Power factor > 0.90
- * Color rendering index > 70
- * 0-10 V dimming standard
- * Die cast aluminum housing with durable, dark bronze, powder coat paint and polycarbonate lens
- * Visor included

Product Warranty



Applications


Perimeter

Security

Parking

Stadiums

Highlights and Certifications



DLC 5.1
Premium



Wet Location



FCC Part 15,
Class B



Dimming: 0-10V



UL listed

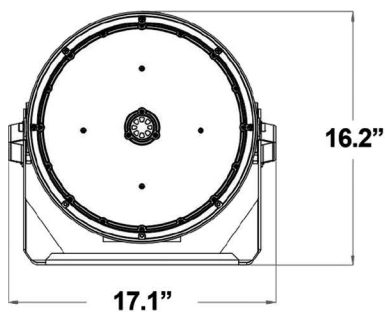
Key Specifications

- * UL listed
- * DLC premium pending
- * 5,000K color temperature
- * IP65 "wet Location" rated
- * EPA: 1.7 FT2
- * Operating temperature: -40 F to 113 F
- * Flicker free per IEEE 1789-2015 (no observable adverse effects of flicker at 100% light output level)
- * 5-year warranty on all electronics and housing

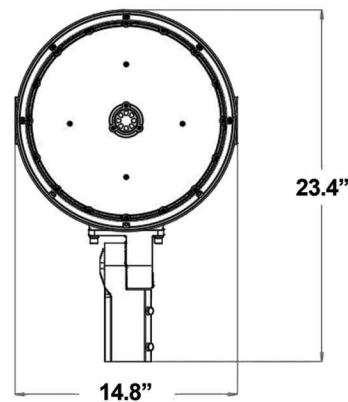
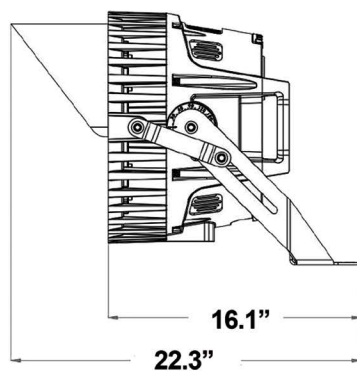
Lumens Performance

SP16B-600-27-5K	600W	SP16B-600-48-5K	600W
Color	5000K	Color	5000K
Lumens	96,700	Lumens	96,700
Lumens/watt	161	Lumens/watt	161

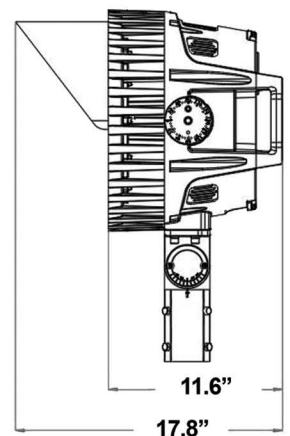
Dimensions



Yoke Mount



Slip Fitter Mount



* Yoke mount bracket is standard. The Slip Fitter mount is an optional accessory sold separately

Ordering Guide

PART#	Color Temp	Lumens	Lumen / Watt	Voltage	Wattage
SP16B-600W-27-5K	5000K	96,700	161	100-277V	600
SP16B-600W-48-5K	5000K	96,700	161	277V-480V	600

Photometric Data

**INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS**

