



Certified LED Lights®

Product Data Sheet
Sports Lighter



Product Overview

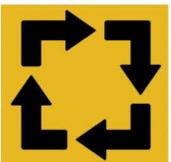
This 600W Stadium Sport Light is the top of the line in both quality and price. Lumileds LED chips and premium Sosen driver produce 96,700 Lumens. It has a rugged corrosion resistant die-cast aluminum housing with epoxy coating and a tough poly-carbonate prismatic lens. IP65 for all weather conditions 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.

An independent laboratory tests our lights and LED components to ensure they meet the IESNA LM-79 and LM-80 standards. LED color temperature is warrantied to shift no more than 180K over the standard warranty period. Correlated Color Temperature (CCT) follows the guidelines set forth in the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Applications



Perimeter



Security



Parking



Stadiums

Main Features

- * Color: available in 5000K
- * Up to 96,700 Lumens at 5000K / 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)
- * 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



Highlights and Certifications



DLC 5.1 Premium Pending



Wet Location



FCC Part 15, Class B



Dimming: 0-10V



UL listed for wet location

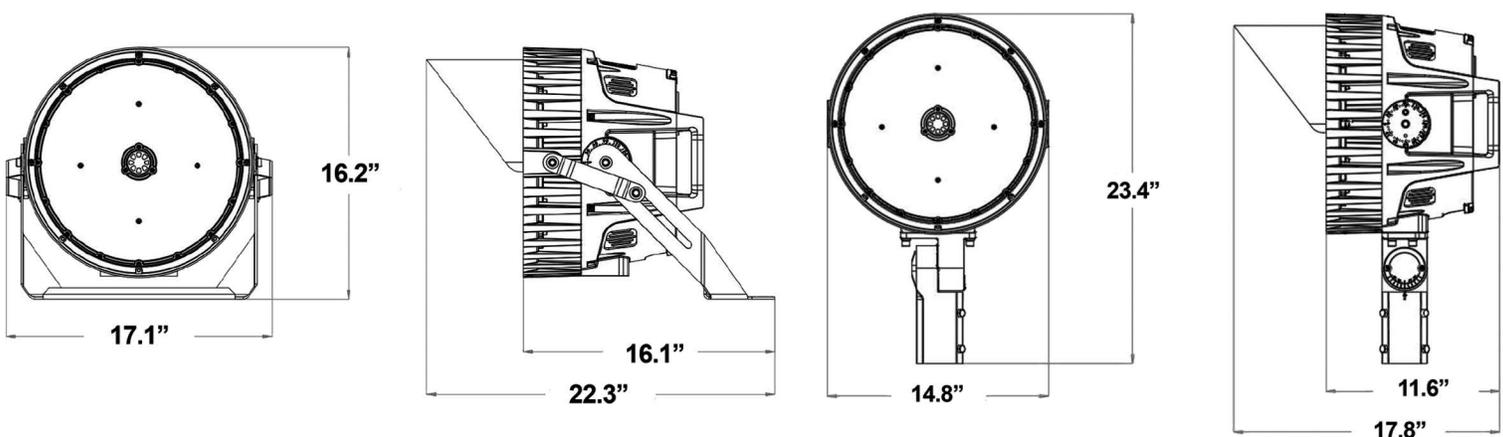
Key Specifications

- * 5000K color temperature
- * UL listed
- * DLC premium pending
- * IP65 "wet Location" rated
- * EPA: 1.7 FT2
- * Operating temperature: -40 F to 113 F
- * Storage temperature: -40 F to 176 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-600-5K	600W
Color	5000K
Lumens	96,700
Lumens/watt	161

Dimensions



Ordering Guide

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

Photometric Data

**INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS**

