

STADIUM LIGHTING



SW LED 400W STADIUM LIGHTING | SW-TS06-400W-6500K |

BENEFITS

- Stadium Type SNOW Series / SPEC-Grade Europe Technology
- NMBF - Pin Point Medium / Narrow Beam (15:60 Degree).
- Reliably produces clear, bright illumination that reduces operational and maintenance costs.
- Open rated for maximum air flow.
- Excellent cooling structure
- 400 Watts – 60% more efficient than comparable 1000W HID.
- Maintenance free operation lasts up to 16 times longer than HID sports lighting.
- Must be installed by a licensed electrician.

FEATURES

Name	LED STADIUM LIGHT. SNOW Series
Product Code	SW-TS06-W400
Equivalent Source	Up to 1000W HID
L70 lumen depreciation design criteria =	Stadium Lighting: 50,000 hours Rating is based on open-air fixture application.
Housing	Powder Coating
Installation Type	Bracket
Beam Spread	Symmetric Narrow & Medium / Asymmetric Narrow
Operating Temperature	-22°F~140°F (-30°C~60°C)
IP Rating	IP65
Voltage	AC100~277V / AC100~240V / AC347~480V
Frequency	50/60Hz (47~65Hz)
Weight	31.9 lb (14.5Kg)
Dia.	18.3"(460mm)
Height	19.4"(490mm)
Width	13.1"(330mm)
Power Factor	≥0.97
Lumens/ Watt (lm/W)	145 lm/W
Luminous Flux (lm)	55,000 lm
Color Rendering Index (CRI)	CRI 80
Color Temperature	6500K
Warranty	2-Year Warranty



Mounting type: B

ORDERING INFORMATION \ \ STADIUM LIGHTING TYPE / SNOW SERIES / Mount B (High Mast)
PRODUCT CODE: **SW-TS06-W400-6500K**

Family	Product	Wattage	Color (CCT)		Distribution	Voltage ⁴		Base
SW	TS06	400W	6500K-NW	Cool White	15° / 60°	100-277	Volt	Poly Carbonate, PMMA

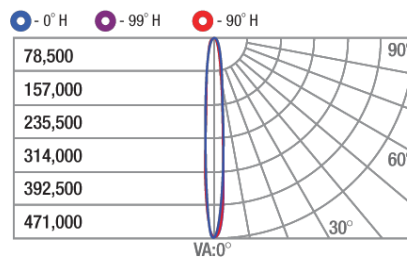


The LED STADIUM LIGHTING has high system efficiency (actual efficiency more than 90%). LED light contains less infrared (heat) than HID lamps, eliminating risk of damage from a rise in temperature. Any usage interfering with LED heat dissipation may cause damage to the product. LEDs also reduce deterioration and discoloration from ultraviolet (UV) rays, because they have limited emissions in the UV spectrum. Other LED benefits include instant full brightness (as opposed to "warming up") and silent operation. This product must be installed by a professional electrician who must comply with relevant standards, electrical codes, and the appropriate installation guide. Any modification or dismantling of this product may result in serious injury. Input power voltage must comply with rated voltage or serious damage may occur.

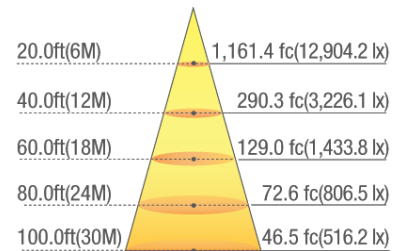
LED Stadium Lighting	Part Number
LED Stadium Lighting Series	
LED Stadium Lighting – 500 Watt	SW-TS06-W500-6500K
LED Stadium Lighting – 400 Watt	SW-TS06-W400-6500K

Cautions

- Turn power off before inspection, installation, or removal.
- Do not open – no user serviceable parts inside.
- This device is not intended for use with emergency exit fixtures or emergency exit lights.



[Beam Profile]



[Illumination]

WHY LED MAKES SENSE FOR SPORTS LIGHTING

LED is creating waves in the world of lighting and none more so than with sports illumination. The potential for improving upon current technologies and sports lighting solutions are highlighted below:

RELIABILITY

Unlike traditional bulb-based systems that experience a high rate of failures and fadeouts, SpecGRADE LEDs contain no parts to wear out or replace so you can be sure your light source remains maintenance-free for tens of thousands of hours.

EFFICIENCY

LED sports lighting presents an opportunity to have the most efficient use of light in both new and existing venues. LED technology can provide the same light levels as conventional HID stadium lighting, while drawing just half the energy. Sports lighting engineers have the potential to reduce fixture count by one-third to one-half, while doubling the amount of light reaching the playing surface.

PERFORMANCE

The brilliant white light of SpecGRADE SportsLED brings the spectacle of the game to life with consistent and precisely delivered light that meets the stringent demands of international HDTV broadcasting and sports governing bodies. By operating on just a fraction of the energy of traditional stadium lighting systems and more controlled light, the result is better for everyone, not to mention the person who pays the electricity bill!

CONTROL

Creative control helps stadiums and sports venues become more multi functional and increase the potential of revenue generation. SpecGRADE Luminaires are designed to be compatible with the leading control solutions available in the market. This enables operators to use lighting as entertainment and complete flexibility to meet the different needs for any sport. Optional switching levels for brightness can create the perfect lighting for a variety of events.

ENVIRONMENT

SpecGRADE SportsLED are Restriction of Hazardous Substances-compliant, using no hazardous materials in their production. Longer product lifetime means that less lamps will be produced, packaged and transported. Reduced overspill of light increases system efficiency and by combining LED with good lighting design, energy consumption can be cut by up to 70% compared with traditional lighting fixtures. All these factors and more, add up to reducing the environmental impact of SpecGRADE LED Sports Lights that helps build a brighter, more vibrant and sustainable environment.

THE DIRECT BENEFITS FOR OWNERS, PLAYERS & FANS

LOW MAINTENANCE COSTS

SpecGRADE durable Led luminaires are virtually maintenance free. There is no time consuming and expensive bulb replacements, and no more readjusting for metal halide fadeout. The LED Luminaires can operate for more than 100,000 hours without maintenance.

BRIGHTER, CONSISTENT LIGHT

The color temperature at 5000K to 5700K creates a daylight effect with a crisper, brighter, feeling on the field of play. Daylight color balance matches perfectly with ambient light entering a stadium or arena and the specialized optics deliver perfect uniformity on the playing surface.

POWER OUTAGE PROTECTION AND INSTANT ON

By operating on just half the energy of traditional stadium lighting systems, SpecGRADE LED Floods places less load on the power grid, which alone can cut down on power outages. As a precaution against normal power being interrupted, SpecGRADE luminaires are capable of instantly turning on, so the lights are up and running again in seconds. No warm up or cool down time required.

DIRECT REPLACEMENT

With SpecGRADE Fixtures, installers can partially retrofit, convert over phases or make a complete refit in one go, because the Sports LED luminaires size and weight has been carefully calculated and the mounting options are designed to drop into the existing lighting infrastructure. The universal power supply operates between 95 to 305VA to work directly with the existing power circuitry. Unlike the HID fixtures they replace, as soon as the LED Luminaires are turned on, they provide full illumination at their precise color temperature, without the need for a warm-up period. Using a laser-aimer makes precision setup easier and quicker than you can imagine.

RETURN ON INVESTMENT

The key to any successful LED installation is to give you a realistic payback time to make sure you can enjoy greater saving over the life of the luminaire. Not only is LED vastly more reliable and efficient, but the lower maintenance cost and the energy savings from switching to SpecGRADE SportsLED is so significant that they give you super fast payback with some of the longest lasting products available. That translates to reduced operating costs and positive cashflow after reaching an early ROI breakeven point. Switching to SpecGRADE LED Floods is just smart business.

