



SP09

SP09 LED sports light offers a comprehensive lighting solution for stadiums. The anti-Glare louver and visor can ensure high-quality lighting. The optoelectrical separation solution can save material costs, avoid the interference of heat to the driver, and ensure efficient operation. Humanized structure design for convenient installation, enhancing safety in high-altitude operations and saving labor costs.



FC



CE RoHS

SPORTS FIELD LIGHTING

Experience Brilliant Illumination with New Stadium Lights



1400W/ 1500W



1000W/ 1200W/ 1300W



680W/ 750W/ 800W/ 1000W



300W/ 400W/ 500W/ 600W

- 1 High-quality lighting effect, controlling glare while ensuring a total light flux of up to 210,000lm.
- 2 Optional anti-glare louver to reduce glare and control light uniformity.
- 3 Large light-emitting area, saving materials, and improving light utilization.
- 4 Equipped with a visor to prevent glare and light spill, say goodbye to light pollution.

3-in-1 Wattage Selectable



M: 680W-750W-800W
M1: 800W-900W-1000W
L: 1000W-1200W-1300W



S: 300W-400W-500W
S1: 400W-500W-600W



**User-friendly structural design,
enhancing safety in
high-altitude operations and
saving labor costs.**

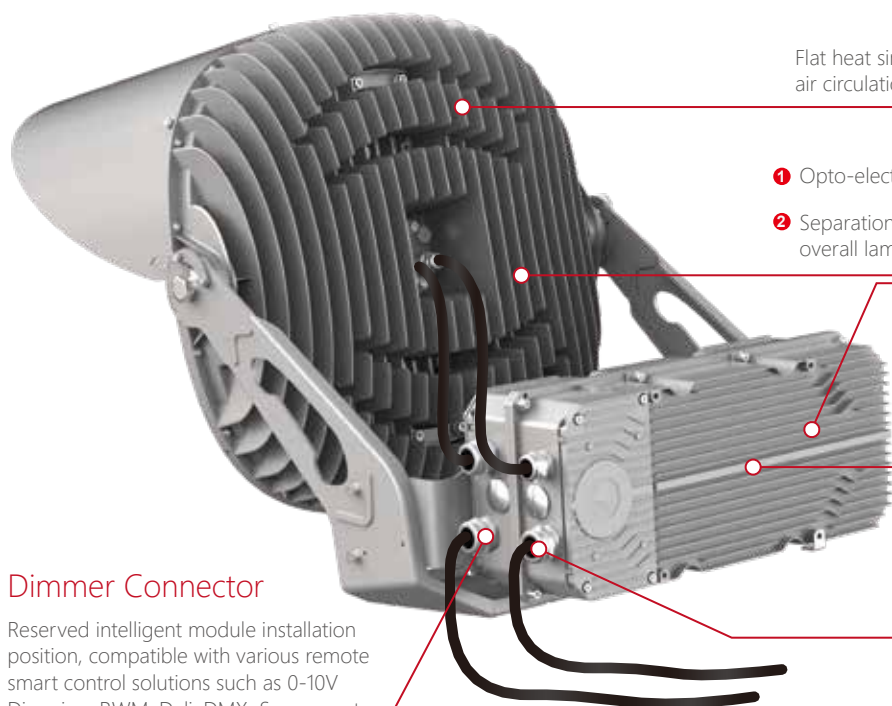


Snap-on installation structure, enabling single-person installation.



Incremental 2.5 deg tick marks to allow precise aiming and facilitate the alignment of luminaires.





Flat heat sink, ensuring sufficient heat dissipation area and air circulation space.

- 1 Opto-electric separation design to reduce material costs.
- 2 Separation of power supply and heat sink, extending the overall lamp life.

Quick plug-and-play wiring for easy installation and maintenance.

Dimmer Connector

Reserved intelligent module installation position, compatible with various remote smart control solutions such as 0-10V Dimming, PWM, Dali, DMX, Synapse, etc.

AC Voltage Input



Independent or in-distribution box power supply installation, suitable for replacing HID products, easy installation, and maintenance.

In-distribution box power supply installation

Accessories Visors for Choose



Optional visor



Optional anti-glare louver



Parameters

Model No.	HD-SP09-L-1000W/ 1200W/ 1300W	HD-SP09-M-680W/ 750W/ 800W	HD-SP09-S-300W/ 400W/ 500W
Wattage	1000W/ 1200W/ 1300W Selectable: 1000W-1200W-1300W	680W/ 750W/ 800W Selectable: 680W-750W-800W	300W/ 400W/ 500W Selectable: 300W-400W-500W
Light Efficiency	145Lm/W~150Lm/W	145Lm/W~150Lm/W	150Lm/W~160Lm/W
Lumen Flux (@5700K)	150,000Lm/W-188,500Lm/W	102,000Lm/W-116,000Lm/W	48,000Lm/W-75,000Lm/W
CCT	3000K / 4000K / 5000K / 5700K / 6500K Optional		
Beam Angle	11° / 15° / 20° / 40° / 60°	15° / 20° / 30° / 40° / 60°	30° / 45°
CRI	70 (80, 90, TLCI>90 Optional)		
SDCM	≤5		
Input Voltage	AC 100-277V, AC 200-480V	AC 100-277V, AC 200-480V	AC 100-277V, AC 200-480V
Power Factor	≥0.95		
THD	≤15%		
Percent Flicker (%)	<3%		
Surge Protection	10KV		
Protection Against Electric	Class I		
IP	IP66		
IK	IK08		
EPA (Visor not included)	Front: 2.9 ft², Side: 1.02 ft²	Front: 1.92 ft², Side: 0.8 ft²	Front: 1.28 ft², Side: 0.63 ft²
Operating Temp Range	-40°C~-+50°C @Outdoor/ -40°F~-+122°F @Outdoor		
Intelligent Control	DMX, RDM Optional		
Lifetime	100,000H (L70B50 @25°C) / 100,000H (L70B50 @77°F)		
Net Weight (kg/lbs)	Without Driver: 20.7 kg±0.5/ 45.6 lbs±1.1 Without Driver & Visor: 19.5 kg±0.5/ 43.0 lbs±1.1 Driver Component: (7.5~10kg)±0.5/(16.5~22.1lbs)±1.1	Without Driver: 13.7 kg±0.5/ 30.2 lbs±1.1 Without Driver & Visor: 13 kg±0.5/ 28.7 lbs±1.1 Driver Component: 6 kg±0.5/ 13.2 lbs±1.1	Without Driver: 7.6 kg±0.5/ 16.8 lbs±1.1 Without Driver & Visor: 7.3 kg±0.5/ 16.1 lbs±1.1 Driver Component: 4.2kg±0.5/ 9.3 lbs±1.1
Dimension (mm/in)	561*575*540mm 22.08*22.64*21.26in	477*505*451mm 18.78*19.88*17.76in	390*409*408mm 15.35*16.10*16.06in
Packing Dimension(mm/in)	780*630*355mm 30.71*24.80*13.98in	675*540*300mm 26.57*21.26*11.81in	610*450*325mm 24*17.7*12.8in
Warranty	5 years, 7 years Optional		
Certificate	UL / DLC / FCC / CE / RoHS		
Specification	LED: Samsung, Lumileds, Bridgelux Driver: Sosen, Inventronics, Powerland	LED: Samsung, Lumileds, Bridgelux Driver: Sosen, Inventronics, Powerland, uPowerTek	LED: Lumileds Sosen, uPowerTek, Moso
Material	Structure: Die-casting/ High Thermal Conductivity AL Finish: Powder Coated Lens: Polycarbonate Color: Gray		

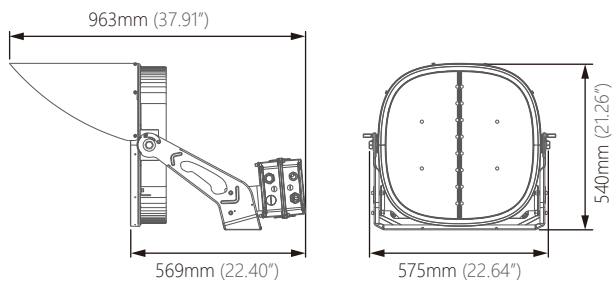


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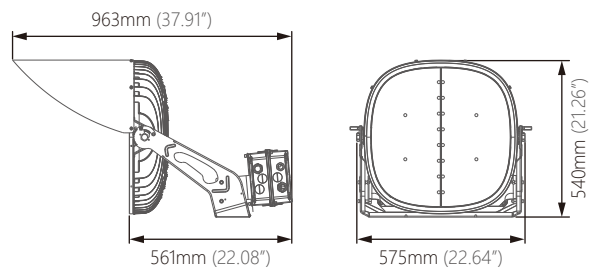
Model No.	HD-SP09-XL-1400W/ 1500W	HD-SP09-M1-1000W	HD-SP09-S1-600W
Wattage	1400W/ 1500W	1000W Selectable: 800W-900W-1000W	600W Selectable: 400W-500W-600W
Light Efficiency	140Lm/W~150Lm/W	145Lm/W	150Lm/W
Lumen Flux (@5700K)	210,000Lm/W	145,000Lm/W	90,000Lm/W
CCT	3000K / 4000K / 5000K / 5700K / 6500K Optional		
Beam Angle	11° / 15° / 20° / 40° / 60°	15° / 20° / 30° / 40° / 60°	30° / 45°
CRI	70 (80, 90, TLCI>90 Optional)		
SDCM	≤5		
Input Voltage	AC 100-277V, AC 200-480V	AC 100-277V, AC 200-480V	AC 100-277V, AC 200-480V
Power Factor	≥0.95		
THD	≤15%		
Percent Flicker (%)	<3%		
Surge Protection	10KV		
Protection Against Electric	Class I		
IP	IP66		
IK	IK08		
EPA (Visor not included)	Front: 2.9 ft², Side: 1.02 ft²	Front: 1.92 ft², Side: 0.8 ft²	Front: 1.28 ft², Side: 0.63 ft²
Operating Temp Range	-40°C~+50°C @Outdoor/ -40°F~+122°F @Outdoor		
Intelligent Control	DMX, RDM Optional		
Lifetime	100,000H (L70B50 @25°C) / 100,000H (L70B50 @77°F)		
Net Weight (kg/lbs)	Without Driver: 22.4 kg±0.5/ 49.38 lbs±1.1 Without Driver & Visor: 21.2 kg±0.5/ 46.74 lbs±1.1 Driver Component: (7.5~10kg)±0.5/(16.5~22.1lbs)±1.1	Without Driver: 15 kg±0.5/ 33.1 lbs±1.1 Without Driver & Visor: 14.3 kg±0.5/ 31.5 lbs±1.1 Driver Component: 7 kg±0.5/ 15.4 lbs±1.1	Without Driver: 8.4 kg±0.5/ 18.5 lbs±1.1 Without Driver & Visor: 8.1 kg±0.5/ 17.9 lbs±1.1 Driver Component: 4.7kg±0.5/ 10.36 lbs±1.1
Dimension (mm/in)	569*575*540mm 22.40*22.64*21.26in	477*505*451mm 18.78*19.88*17.76in	390*409*408mm 15.35*16.10*16.06in
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Material	Structure: Die-casting/ High Thermal Conductivity AL Finish: Powder Coated Lens: Polycarbonate Color: Gray		

Dimension (mm/in)

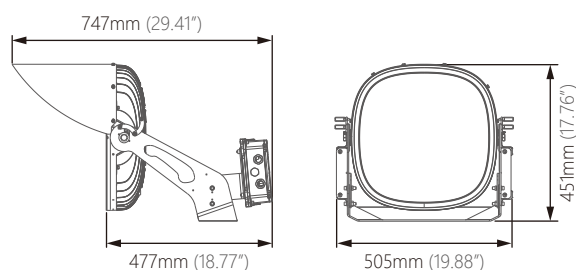
1400W/ 1500W



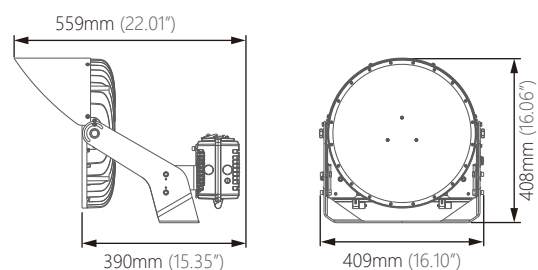
1000W/ 1200W/ 1300W



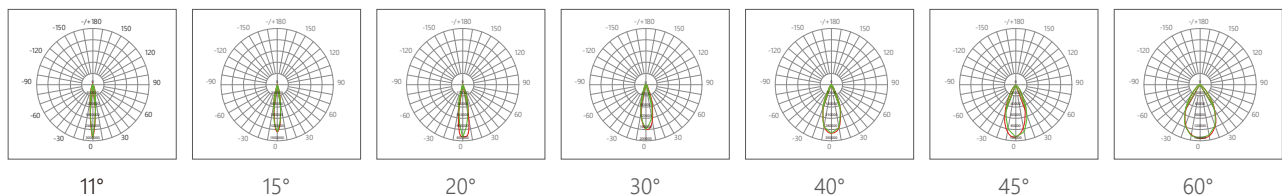
680W/ 750W/ 800W/ 1000W



300W/ 400W/ 500W/ 600W



Photometric Diagrams



Applications

Outdoor / Indoor / Industrial

- Sports & recreational fields
- Large-scale outdoor events
- Industrial and construction sites
- Parking lots and garages
- Crane lighting
- Security and outdoor surveillance



Sports Complex



Football Pitch



Industrial & construction sites



Airport



Baseball Field



Parking Lot



Port Lighting