



SP09 LED SPORTS LIGHT SERIES

Engineered for maximum performance & reliability, our high-powered LED outdoor sports light delivers exceptional illumination for outdoor sports fields & stadiums. Available in configurations ranging from 600W to 1300W and producing up to 195,000 lumens, this fixture provides powerful, uniform light output to meet the demands of competitive play and large-area coverage. Designed with efficiency & durability in mind, it features rugged construction to withstand harsh outdoor environments while maintaining long-lasting performance. Whether for new installations or retrofit projects, this versatile lighting solution ensures superior visibility & dependable operation for any outdoor sports lighting application.

FEATURES

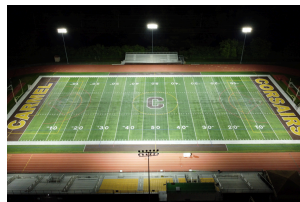
- High output performance with configurations from 600W to 1300W, delivering up to 195,000 total lumens
- Engineered for sports lighting applications including football, baseball, soccer, lacrosse, etc.
- Precision optics provide uniform light distribution & improved visibility
- Optional anti-glare grille to reduce glare and control light spill
- Multiple mounting options for flexible installation
- Low maintenance design minimizes downtime and service costs
- Optional lighting controls for full network lighting controls

APPLICATIONS

- Outdoor Sports Fields
- Stadium Lighting & Sports Courts
- Sports Complex
- Large-Scale Outdoor Events
- Industrial & Construction Sites



Sports Complex



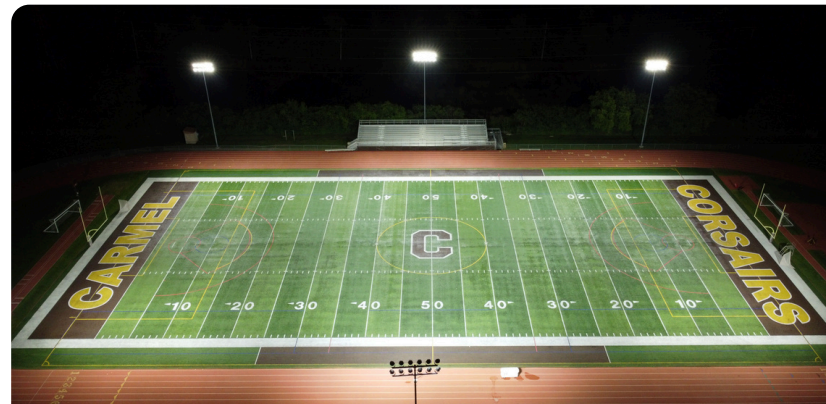
Football Field



Baseball Field



Parking Lot



SPECIFICATIONS

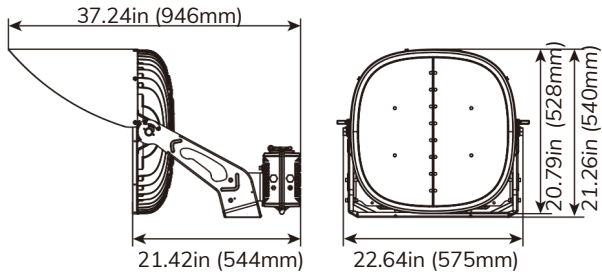
- **POWER:** 120-277V or 200-480V
- **CCT:** 5700K, 5000K, 4000K, 3000K
- **WATTAGE:** 600W, 680W, 800W, 1000W, 1200W, 1300W
- **LUMENS:** 90,000 to 195,000 LM
- **BEAM ANGLE:** 20° / 40° / 60° (15° available)
- **EFFICACY:** Up to 160 lumens per watt
- **CONTROLS:** 0-10V dimming; Lighting control options
- **CRI:** 80+
- **OPERATING TEMP:** -40°F to 122°F
- **L70 RATING:** 100,000 hours
- **OPTIONS:** Wireless network lighting controls; visor and glare shields; aiming laser; remote driver cabinet
- **WARRANTY:** 5 years



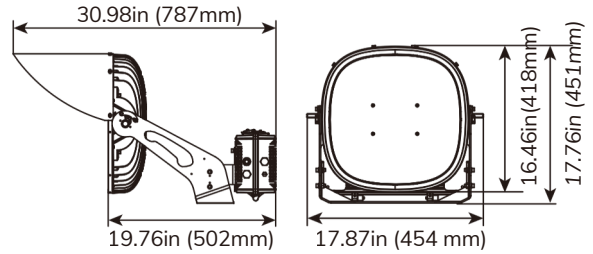
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SP09 LED Sports Light

DIMENSIONS

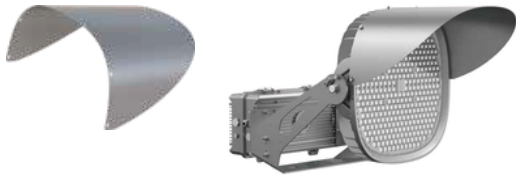
Large: 1000W / 1200W / 1300W



Medium: 600W / 680W / 800W



OPTICAL ACCESSORIES



Visor



Anti-Glare Grille

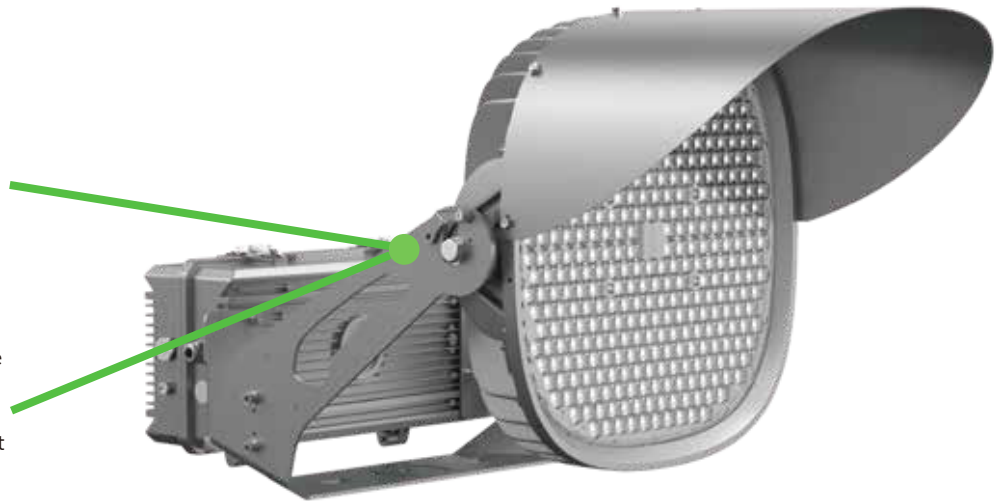
USER-FRIENDLY INSTALLATION FEATURES



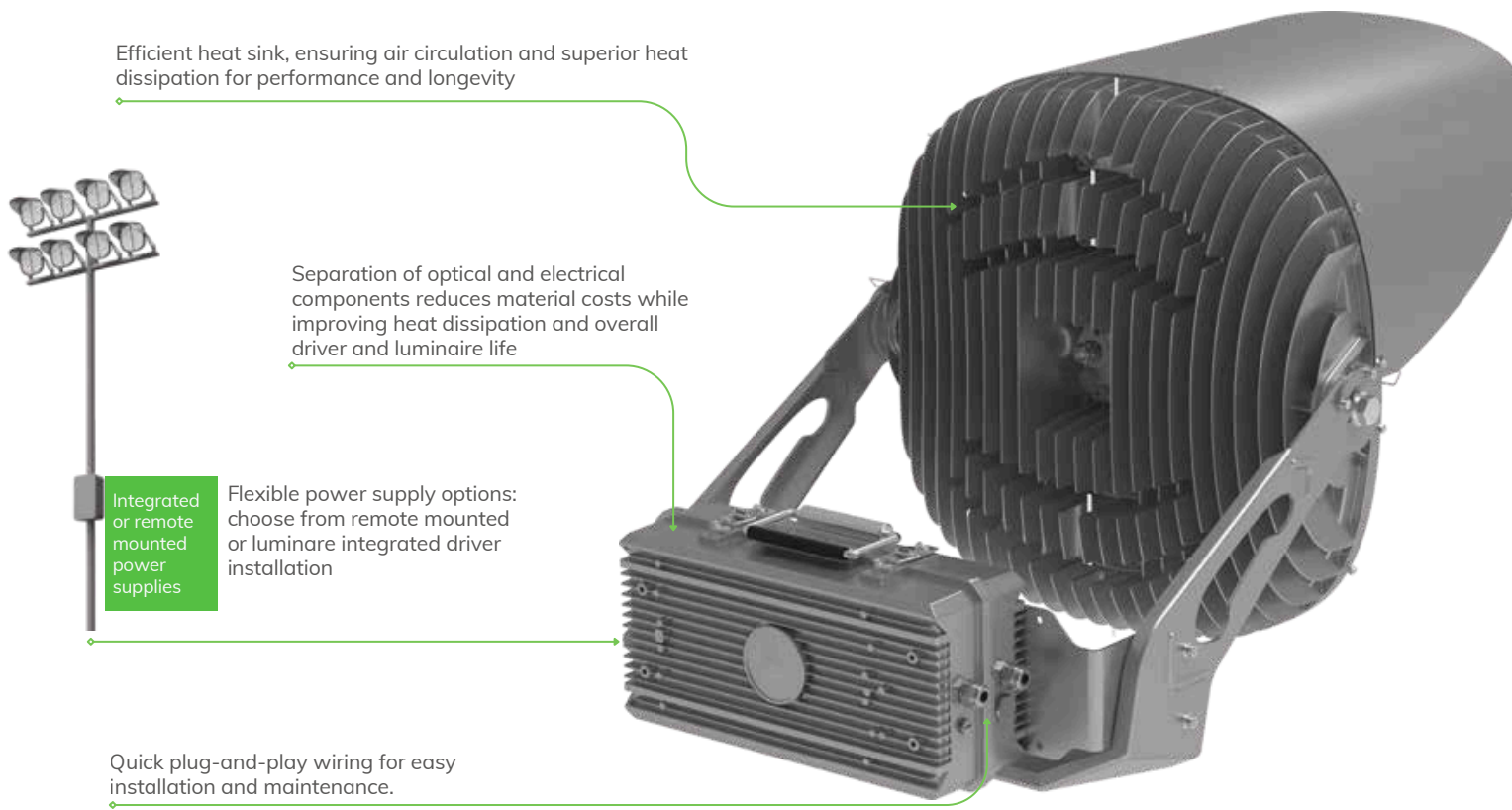
Snap-on installation structure, enabling single-person installation.



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



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Efficient heat sink, ensuring air circulation and superior heat dissipation for performance and longevity

Separation of optical and electrical components reduces material costs while improving heat dissipation and overall driver and luminaire life

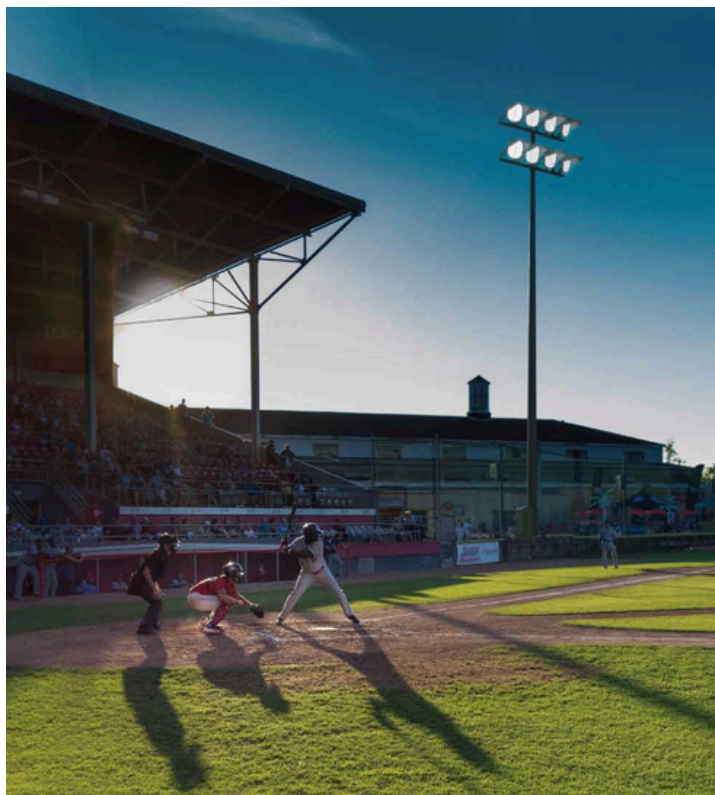
Integrated or remote mounted power supplies

Flexible power supply options: choose from remote mounted or luminaire integrated driver installation

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

Lighting Controls

Simple installation and seamless integration with optional intelligent lighting controls. Compatibility with Synapse wireless systems and other similar control platforms.



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SPECIFICATIONS

OEO-SP09	600W / 680W / 800W	1000W / 1200W / 1300W
Wattage	600W / 680W / 800W Options	1000W / 1200W / 1300W Options
Efficacy	150LPW - 160LPW	145LPW - 150LPW
Lumens	90,000 - 120,000 (±10%)	145,000 - 195,000 (±10%)
Beam Angle (±5°)	15° (Samsung), 20°/40°/60°(Lumileds)	
CRI	70, (80, 90, TLCI>90 Optional)	
CCT	3000K, 4000K, 5000K, 5700K	
SDCM	≤5	
Input Voltage	120-277V / 200-480V	
Power Factor	>0.95	
THD	≤15%	
Flicker	<3%	
Surge Protection	10KV	
Electric Protection	Class I	
IP Rating	IP66	
IK	IK08	
EPA	Front: 1.93ft², Side: 0.8ft²	Front: 2.9ft², Side: 1.02ft²
Operating Temp Ranger	-40°F to 122°F (Outdoor)	
Intelliget Control	0-10V Dimming, PWM, Dali, DMX, Synapse	
Lifetime	100,000 Hours (L70B50 @ 77°F)	
Weight (kg/lbs)	Without Driver: 30.20lbs±1.1 / 13.7kg±0.5 Without Driver & Visor: 28.66lbs±1.1 / 13kg±0.5 Driver Component: 14.55lbs±1.1 / 6kg±0.5	Without Driver: 50.04lbs±1.1 / 22.7kg±0.5 Without Driver & Visor: 48.50lbs±1.1 / 22kg±0.5 Driver Component: (16.54~22.05lbs)±1.1 / (7.5kg~10kg)±0.5
Dimension (in/mm)	19.76*17.87*17.76in 502*454*451mm	21.42*22.64*21.26in 544*575*540mm
Packing Dimension (in/mm)	29.72*21.06*12.60in 755*535*320mm	30.71*24.80*13.98in 780*630*355mm
Warranty	5 years	
Certificate	UL / DLC / FCC	
Specification	LED: Samsung, Lumileds // Driver: Upowertek, Sosen, Inventronics, Powerland	
Materials	Die-Cast Housing, High Thermal Conductivity AL, Powder Coat Finish, Polycarbonate Lens	