

SPORT LIGHT

PQ-SPL19P

The PQ-SPL19P is a cost-effective sports lighting solution for the stadium, which can 1:1 replacement for the HID and is also friendly for new stadiums.

Key takeaways:

- **Opto-electrical Separation:** Opto-electrical separation solutions make the driver separate from the heat sink, extending the overall lamp life.
- **Lightweight Stadium Light:** The lightweight stand-alone modules, weighing only 13.5 kg for the 1000W module and up to 23 kg for the dual-mode 1800W module (both weights excluding the driver box), greatly simplify installation.
- **Small Size to Reduce Costs:** Small size make a small wind resistance, reduce packing size, and save transportation space and freight.



SPORT LIGHT					
MODEL	Color Temperature (CCT)	Power (W)	Luminous Flux (Lm)	Input Voltage (V)	Mounting
PQ-SPL19P	031K = 3000K 041K = 4000K 051K = 5000K 057K = 5700K 065K = 6500K	800W/900W/1000W	128,000 - 150,000	347V = 200-480VAC	U-Bracket Arm Mounting (optional)
		1500W/ 1600W/ 1800W	240,000 - 270,000		

CERTIFICATIONS



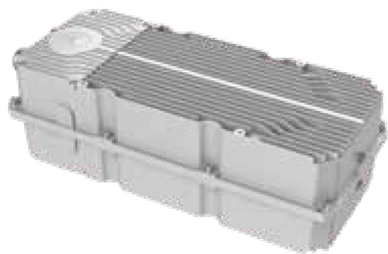
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PRODUCT FEATURES

1. All structures are made of AL, the whole Light corrosion resistance is higher and can be applied to harsh environments, such as the seaside environment.
2. The max light efficiency is up to 160 LM/W.
3. The 1800W (two-mode) light body is only 23 kg, without a driver.

Opto-Electrical Separation



The SPL19P features a photoelectric separation design that keeps the driver separated from the heat generated by the sink, minimizing the impact of heat on its performance. Furthermore, the driver box mounting bracket allows for flexible installation in any suitable location. Additionally, the driver can be conveniently installed in a distribution cabinet, providing ease of maintenance and labor savings.



LENS

High-temperature-rated and high transmittance lens materials for less light loss and a long span life, multiple beams spreads to meet custom project requirements, and provide maximum light control.

Corrosion Resistant Surface Treatment

SPL19P adopt surface powder coated, which has strong corrosion resistance, suitable for the air environment in more harsh areas, especially in coastal cities.

Excellent Heat Dissipation

The vents help the air convection to dissipate heat. A high thermal conductivity aluminum heat sink can quickly spread out the heat. So the low junction temperature during high power operation has ensured a long life and stable performance of LEDs.

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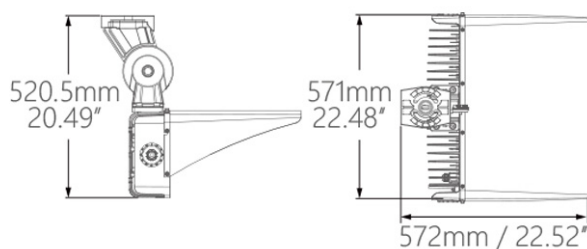
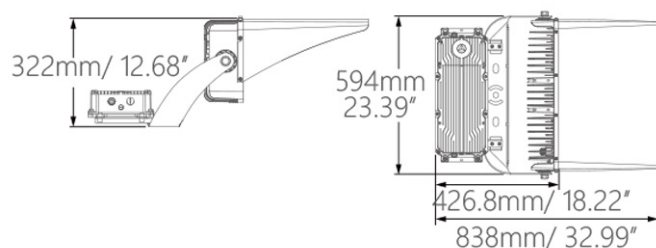
SPECIFICATIONS

Model	PQ-SPL19P	
Power	800W/ 900W/ 1000W	1500W/ 1600W/ 1800W
Light Efficiency	150Lm/W-160Lm/W	
Lumen Flux (@5700K)(±10%)	128,000Lm-150,000Lm	240,000Lm-270,000Lm
CCT	3000K / 4000K / 5000K / 5700K / 6500K	
Beam Angle	20° / 40° / 60°	
CRI	≥70	
SDCM	≤6	
Input Voltage	AC200-480V	
Power Factor	0.95	
THD	<20%	
Percent Flicker (%)	<1%	
Surge Protection	10KV / 20KV Optional	
Protection Against Electric	Class I	
IP (Environmental Location of Luminaries)	IP66	
IK	IK10	
EPA	1.81 ft² (Without Visor), 3.61 ft² (Medium Visor)	
Operating Temp Range	-40°C to +50°C / -40°F to +122°F	
Intelligent Control	0-10V, 1-10V, DALI, DMX512, SYNAPSE	
Lifetime	100,000H (L70B50@25°C) / 100,000H (L70B50@77°F)	
U-Bracket Dimension (mm/in)	838x 594x 322mm (32.99x 23.39x 12.68in)	638x 690x 380mm (25.12x 27.17x 14.96in)
Warranty	5 years	
Certifications	cULus / DLC / CE / CB / ENEC / RoHS	
LED	Bridgelux	
Driver	Inventronics, uPowerTek	
Material	Structure: Die-casting / High Thermal Conductivity AL Finish: Powder Coated Lens: Polycarbonate Color: Gray	

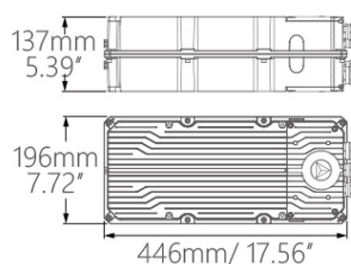
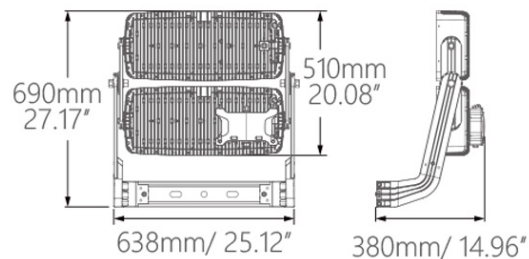
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DIMENSIONS (UNITS: MM / IN)



800W/ 900W/ 1000W



1500W/ 1600W/ 1800W

MODEL	U-Bracket
800W/ 900W/ 1000W	838x 594x 322mm (32.99x 23.39x 12.68in)
1500W/ 1600W/ 1800W	638x 690x 380mm (25.12x 27.17x 14.96in)

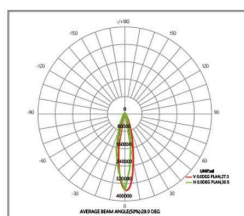
MOUNTING (OPTIONS)



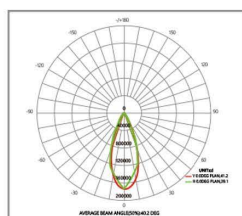
U-Bracket Mounting

Top Mounting / Arm Mounting (Optional)

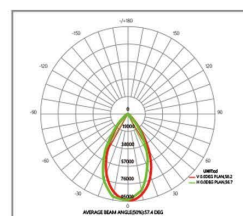
PHOTOMETRY



20°



40°



60°

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OPTIONS FOR VISOR

4 Visors to Choose



"S" Visor



"M" Visor



"L" Visor



Louver

Installing and replacing the hood is safe and labor-saving, and the structure of the card slot is designed.

MODEL	VISOR MODEL	Code	Dimensions of Visors/ Louver
1000TW = 800/900/1000W	Small Visor	VS	W: 219 x L: 568 x D: 188 mm
	Medium Visor	VM	W: 390 x L: 568 x D: 188 mm
	Large Visor	VL	W: 524 x L: 568 x D: 188 mm
	Louver	LV	W: 238.8 x L: 558.8 x D: 75 mm

MODEL	VISOR MODEL	Code	Dimensions of Visor
1800TW = 1500/1600/1800W	Visor	V	W: 390 x L: 569.5 x D: 471 mm

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APPLICATION


Football Pitch

Sports Complex

Airport

Parking Lot

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

INSTRUCTIONS FOR ORDERING

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Option Visor					
1000TW	VS = Small Visor VM = Medium Visor VL = Large Visor LV = Louver				
1800TW	V = Visor				

Catalog Number for Example: PQ-SPL19P-051K-1000TW-347V-020D-UB-VM

If you have specific technology or service needs, it's highly recommended that you get in touch with Power-Q's experts. They can provide tailored solutions and guidance based on your specific requirements.

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