

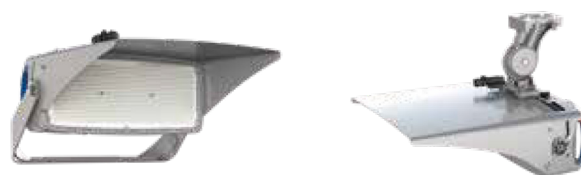
SPORT LIGHT

PQ-SPL19

The PQ-SPL19 provides perfect sports lighting solutions for the stadium, Especially friendly for the new stadiums. Also, it is able to be compatible with the wiring and electrical requirements of the current main street, which makes it can 1:1 replacement for the HID.

Key takeaways:

- **15%-20% Lighter Than Other:** 800W PQ-SPL19 ONLY 16.9kg, 15%-20% lighter than the same power output sports light in the industry. Lighter equipment can improve mobility reduce set-up and take-down times, and make it to facilitate the installation of workers.
- **Low Cost & High Efficiency:** Our Engineers took into account the installation process of the lights and developed innovative structures to enhance worker comfort and safety. This focus on ergonomic design can lead to improved efficiency during installation, ultimately saving time and costs.



SPORT LIGHT

MODEL	Color Temperature (CCT)	Tunable Power (TW)	Luminous Flux (Lm)	Input Voltage (V)	Options
PQ-SPL19	030K = 3000K 040K = 4000K 050K = 5000K 057K = 5700K	800TW = 600W/700W/800W	90,000 - 128,000	120V = 100-277VAC 347V = 200-480VAC	U-Bracket Arm Mounting

CERTIFICATIONS



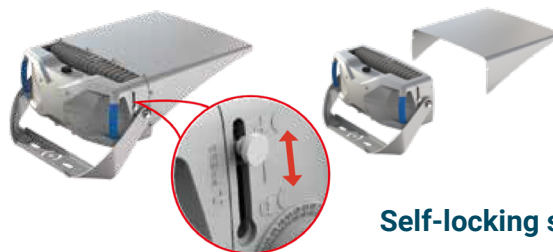
SPORT LIGHT

PQ-SPL19

3-in-1 Wattage Tunable

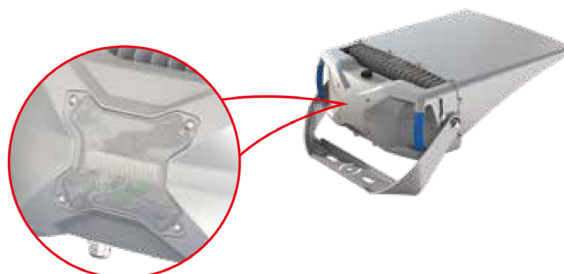


600W-700W-800W



Self-locking screw

The powerbox and the heat sink components have separable designs, through the self-locking screw, they can be assembled and disassembled quickly. This reduces downtime & saves costs in future maintenance and upgrading.



PowerBox is also a junction box that can be convenient and fast wiring.

SPORT LIGHT

PQ-SPL19

4 Visors to Choose



"S" Visor



"M" Visor



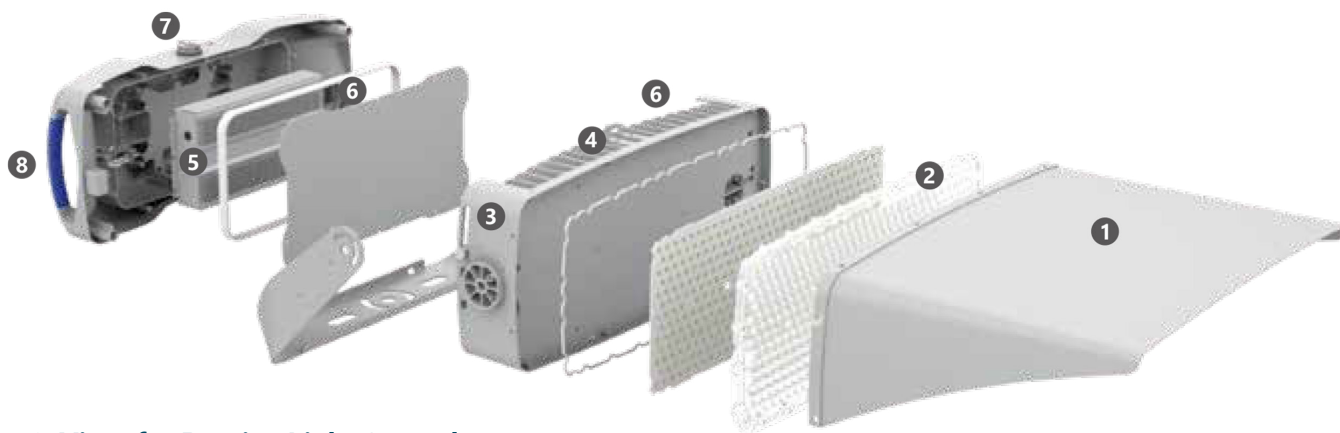
"L" Visor



Louver

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

Luminaire Exploded View



1. Visor for Precise Light Control

Directs more light onto the field.
Dramatically reduces glare and spill.
Enhance on-field playability.

2. Optics

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.

3. Surface Treatment

Corrosion-resistant surface treatment is applicable to the air environment in more harsh areas.

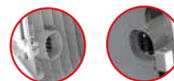
4. Excellent Heat Dissipation

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.

5. Driver

Single integrated driver, simple wiring & operation, effectively reduce maintenance time and cost.

6. Knife Switch



When the high altitude maintenance of SPL19, the power box is separated from the lamp body, a cuts power automatically immediately, this provides safety for workers.

7. Sensor Interfaces

DMX, Zhaga, DALI, 0-10 Dimming.

8. Handle



The silicone handle is more comfortable, which makes the installation easier, and improves work efficiency and safety.

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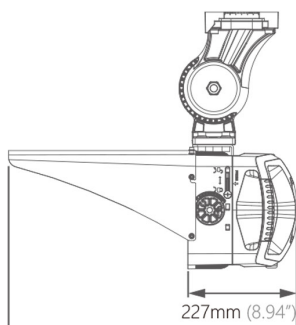
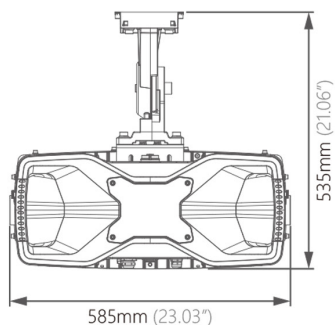
SPECIFICATIONS

Model	PQ-SPL19
Power	600W / 700W / 800W
Light Efficiency	160Lm/W (@Samsung 15°) 150Lm/W (@Bridgelux 20° / 40° / 60°)
Lumen Flux (@5700K)(±10%)	90,000Lm-128, 000Lm
CCT	3000K / 4000K / 5000K / 5700K
Beam Angle	20° / 40° / 60°, (15° optional)
CRI	80
SDCM	≤6
Input Voltage	AC100-277V / AC200-480V
Power Factor	0.95
THD	<15%
Percent Flicker (%)	<1%
Surge Protection	10KV / 20KV Optional
Protection Against Electric	Class I
IP (Environmental Location of Luminaries)	IP66
IK	IK10
EPA	1.78ft2(Without visor or louver)/ 3.14ft2(With "S "visor)/ 4.39ft2(With "M "visor)/ 5.63ft2(With "L "visor)/ 2.20ft2(With Louver)
Operating Temp Range	-40°C to +50°C / -40°F to +122°F
Intelligent Control	0-10V/ DMX/ Dali/ Synapse
Lifetime	100,000H (L70B50@25°C) / 100,000H (L70B50@77°F)
N.W (kg/ lbs)	U-Bracket (EFM&BLK Driver without visor): 16.9-18.5±0.5kg (37.2-40.7±1.1lbs)
	Suspension Bracket (EFM&BLK Driver without visor): 17.6-19.2±0.5kg (38.7-42.2±1.1lbs)
Dimension (mm/ in)	Refer to Dimensions details - Page 5
Warranty	5 years, 7 years (optional)
Certifications	cULus / DLC / CE / CB / ENEC / RoHS
LED	Bridgelux
Material	Structure: Die-casting / High Thermal Conductivity AL Finish: Powder Coated Lens: Polycarbonate Color: Gray
Length of cable (AC)	Standard: 1.5m

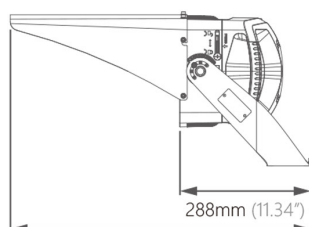
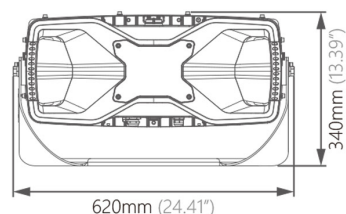
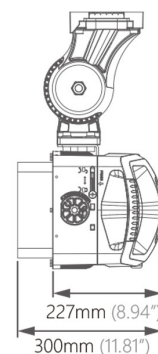
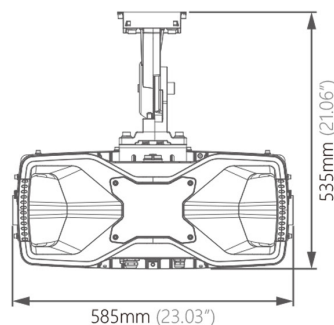
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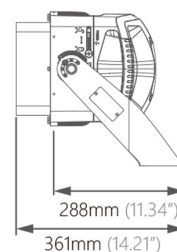
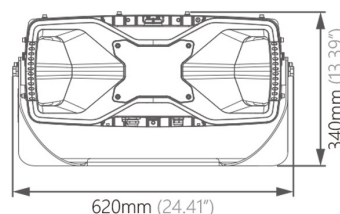
DIMENSIONS (UNITS: MM / IN)



S: 430mm (16.93")
M: 601mm (23.66")
L: 723mm (28.94")



S: 491mm (19.33")
M: 660mm (25.98")
L: 796mm (31.34")

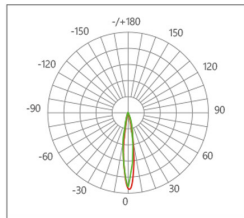


VISOR MODEL	U-Bracket	Suspension Bracket
Without Visor	620x288x331mm (24.41x11.34x13.03in)	585x246x535mm (23.03x9.69x21.06in)
With "S" Visor	620x491x340mm (24.41x19.33x13.39in)	585x430x535mm (23.03x16.93x21.06in)
With "M" Visor	620x660x340mm (24.41x25.98x13.39in)	585x601x535mm (23.03x23.66x21.06in)
With "L" Visor	620x796x340mm (24.41x31.34x13.39in)	585x735x535mm (23.03x28.94x21.06in)
With Louver	620x361x331mm (24.41x14.21x13.03in)	585x300x535mm (23.03x11.81x21.06in)

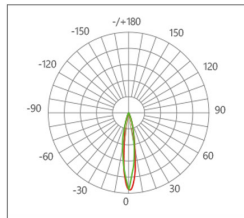
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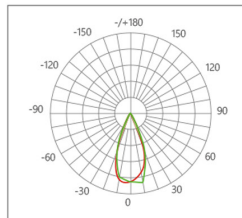
PHOTOMETRY



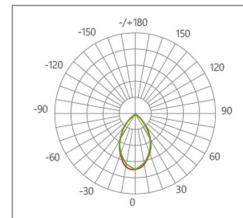
15°



20°



40°



60°

APPLICATION

Outdoor / Indoor / Industrial

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



Football Pitch



Sports Complex



Industrial & construction sites



Port Lighting



Airport



Parking Lot



SPORT LIGHT

PQ-SPL19

INSTRUCTIONS FOR ORDERING WITH PREFERRED DIMENSIONS

Model	Color Temperature (CCT)	Power (W)	Input Voltage (V)	Beam Angle	Mounting	Options
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Catalog Number for Example: PQ-SPL19-050K-800TW-347V-020D-UB-LV

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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