

# SPORT LIGHT

## PQ-SPL9.5

SPL9.5 is an ultra-high-performance stadium light which features 3-in-1 wattage and 3-in-1 adjustable beam angle sports lighting solutions.

Designed with U-bracket and SF bracket installation options, it can accommodate virtually any installation environment, making it suitable for large sports arenas, tall buildings, airport aprons, port docks, bridges, squares, and more.

### Key takeaways:

- Selectable Beam Angle: 30° / 45° / 60°
- High-quality lighting effect, controlling glare while ensuring a total light flux of up to 90,000lm.
- Integrated design to ensure the IP66 waterproof performance.
- Built-in a junction box that can be convenient and fast wiring.
- The Visor Helps with accurate light control and dramatically reduces glare and spill.
- Built-in 10KV Surge Protector.



Power  
Tunable



Selectable  
Beam  
Angle



**IP66**  
Wet Location



Optional

### SPORT LIGHT

MODEL	Color Temperature (CCT)	Power Tunable (W)	Luminous Flux (Lm)	Dimensions (mm)	Input Voltage (V)
PQ-SPL9.5	031K = 3000K 041K = 4000K 051K = 5000K 057K = 5700K 065K = 6500K	500TW = 300/400/500W  600TW = 400/500/600W	48,000Lm - 90,000Lm	447*409*408mm	120V = 100-277VAC 347V = 200-480VAC

### CERTIFICATIONS

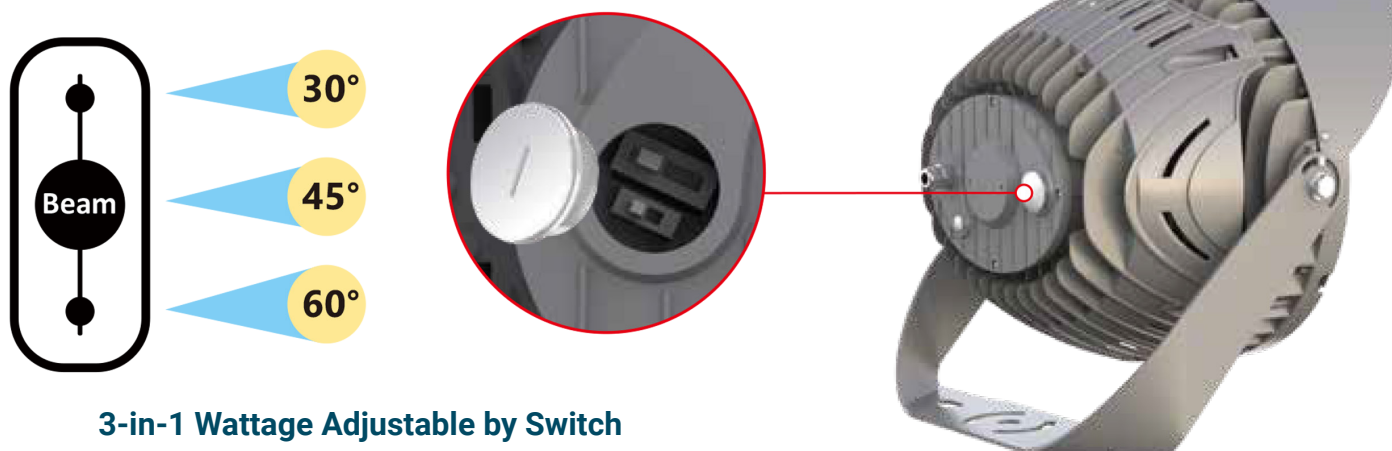


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## Wattage and Beam Adjustable Sports Lighting Solutions

### 3-in-1 Beam Angle Adjustable by Switch



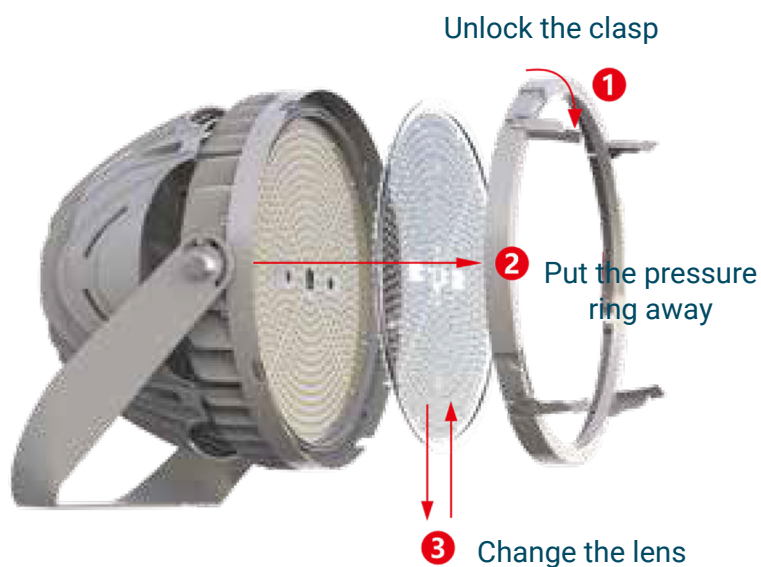
### 3-in-1 Wattage Adjustable by Switch

500TW: 300W-400W-500W

600TW: 400W-500W-600W

### Quick Lens Replacement

In case of lens breakage, replacement is easy thanks to the projector's built-in latch mechanism.



### Accessories Optional

Visor

Anti-glare Louver



SF Bracket

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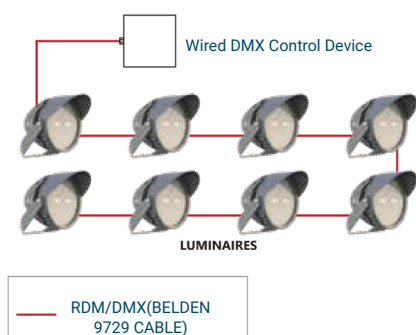
## Low Glare and Minimal Light Spill

Equipped with accessories such as anti-glare grids and light spills, SPL9.5 effectively reduces glare and controls light spillage, reduces light loss, minimizes light pollution, and provides a comfortable lighting environment for venues.



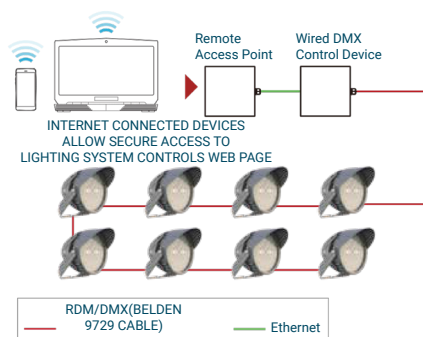
## DMX CONTROLS

Example System Topology (Wired DMX Controls)



Example System Topology (Remote Access Point with Wired DMX Controls)

VPN GATEWAY TO DMX SYSTEM CONTROLS



## INTEGRATED CONTROLS

The fixture is compatible with Synapse™ wireless control system, including RGB sports lighting. It offers a smart, stable and imaginative lighting control solution to your sports facility.



## SPORT LIGHT

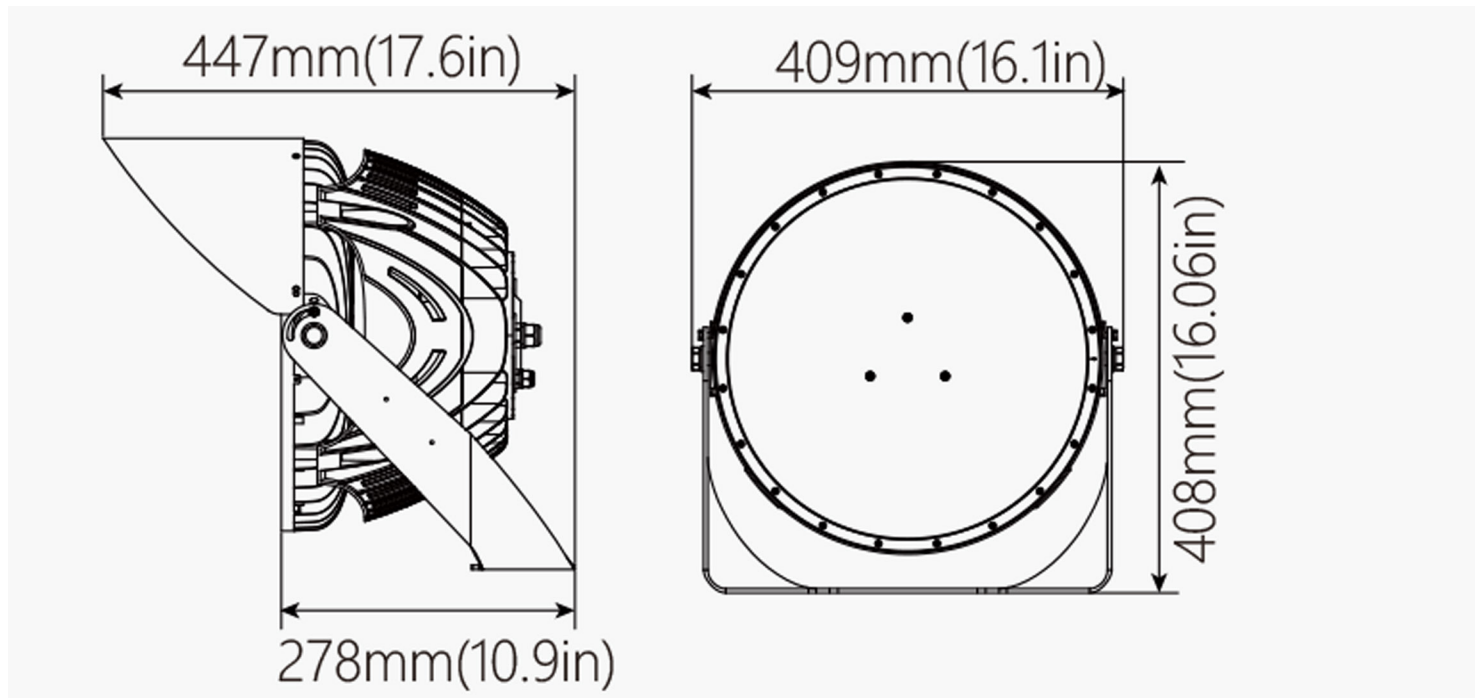
PQ-SPL9.5

SPECIFICATIONS		
Power Tunable (W)	500TW = 300 / 400 / 500 W	600TW = 400 / 500 / 600 W
Light Efficiency	150Lm/W to 160Lm/W	
Lumen Flux (@5700K)	48,000Lm - 75,000Lm	64,000Lm - 90,000Lm
CCT	3000K/ 4000K/ 5000K/ 5700K/ 6500K	
Beam Angle	Selectable: 30° / 45° / 60°	
CRI	Ra≥70	
SDCM	≤5	
Input Voltage	AC 100-277V/ AC 200-480V	
Power Factor	≥0.90	
THD	<15%	
Percent Flicker (%)	<3%	
Surge Protection	10KV	
Protection Against Electric	Class I	
IP	IP66	
IK	IK08	
EPA (Without Visor)	Front: 1.28 ft² / Side: 0.7 ft²	
Operating Temp Range	-40°C to +50°C / -40°F to +122°F	
Intelligent Control	0-10V Dimming, PWM, DALI, DMX, Synapse	
Lifetime	100,000H (L70B50 @25°C) / 100,000H (L70B50@77°F)	
Net Weight (kg/ lbs)	10.3 kg±0.5 / 22.71 lbs±1.1	11.6 kg±0.5 / 25.57 lbs±1.1
Dimension (mm/ in)	447*409*408mm / 17.60*16.10*16.06in	
Warranty	5 Years, 10 Years (optional)	
Certificate	cULus / DLC	
Brand	LED: Lumileds, Luminus Driver: Moso, uPowerTek, Powerland	
Material	Structure: Die-casting/ High Thermal Conductivity AL Finish: Powder Coated Lens: Polycarbonate Color: Gray	

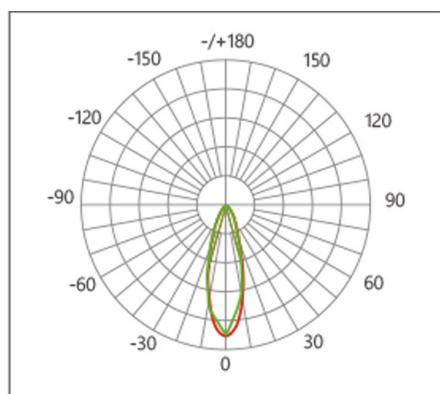
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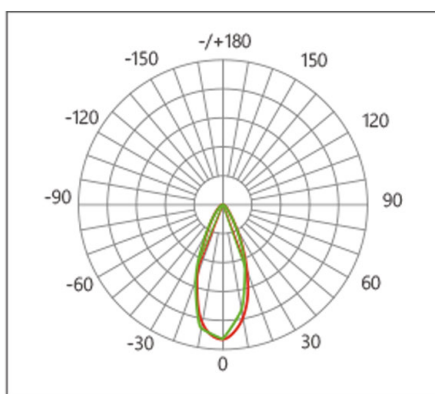
## DIMENSIONS (UNITS: MM / IN)



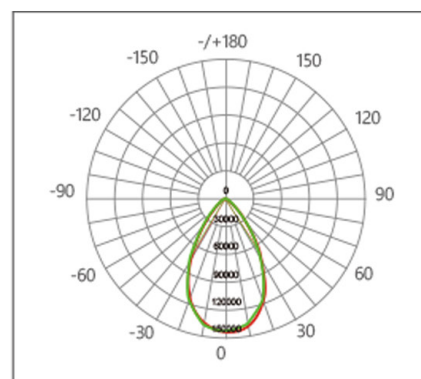
## PHOTOMETRY



30°



45°



60°

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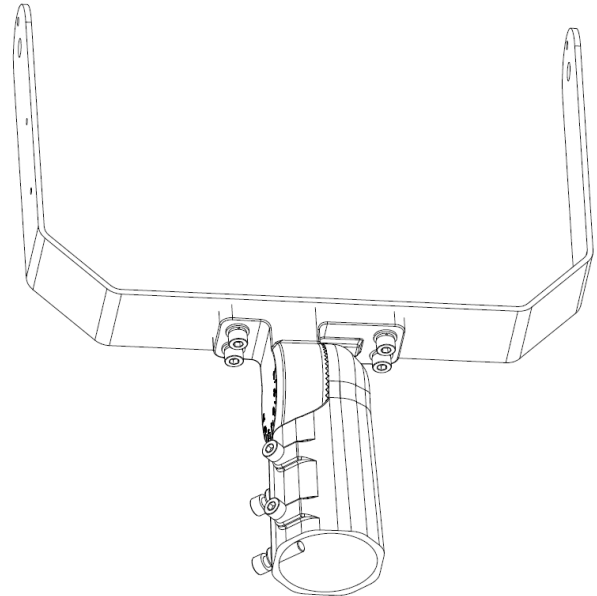
## MOUNTING ACCESSORY: SFU BRACKET



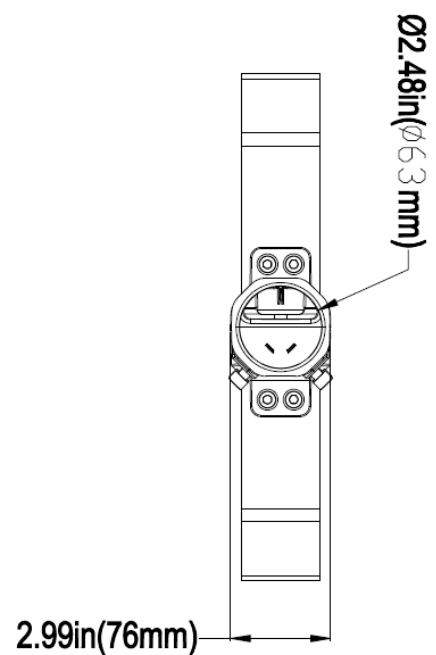
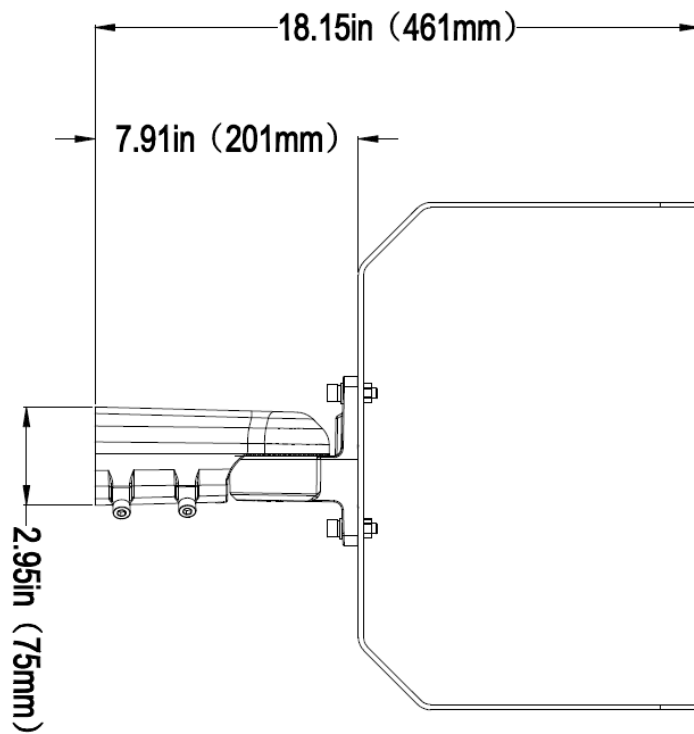
**U BRACKET**



**SFU BRACKET**



**SFU BRACKET**





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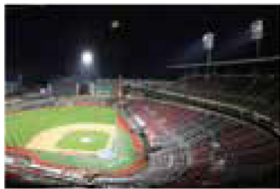
PQ-SPL9.5



**Sports Complex**



**Football Pitch**



**Baseball Field**



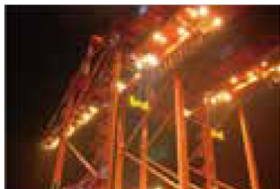
**Parking Lot**



**Industrial & construction sites**



**Airport**



**Port Lighting**

## Applications

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

## INSTRUCTIONS FOR ORDERING WITH PREFERRED DIMENSIONS

Catalog Number for Example: PQ-SPL9.5-050K-500TW-347V-060TD-SFU

Series	Color Temperature (CCT)	Power Tunable (TW)	Input Voltage (V)	Beam Angle	Options
PQ-SPL9.5	031K = 3000K 041K = 4000K 051K = 5000K 057K = 5700K 065K = 6500K	500TW = 300/400/500W 600TW = 400/500/600W	120V = 100-277 AC 347V = 200-480 AC	060TD = 30° / 45° / 60°	UB = U-Bracket SFU = Split-Fitter U Bracket

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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