



# Lumen X

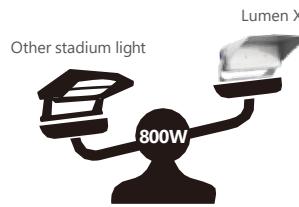
Defining the Future of LED Sports Lighting.

The Lumen X provides perfect sports lighting solutions for the stadium, especially friendly for the new stadiums. Also, Lumen X can be compatible with the wiring and electrical requirements of the current main street, which makes it can 1:1 replacement for HID.



# SPORTS LIGHT

**Wattage Can Be Adjusted from 600W-700W-800W**



## 15%-20% Lighter Than Other

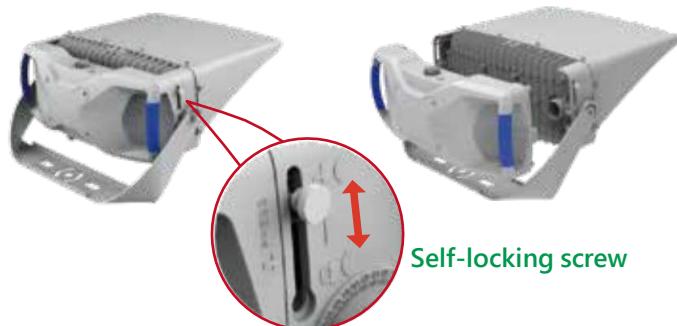
800W Lumen X ONLY 37.91 lbs. (17.2kg), 15% -20% lighter than the same power output sports light in the industry. Lighter equipment can improve mobility, reduce set-up and take-down times and make it facilitate the installation of workers.



## Low Cost & High Efficiency

Engineers considered 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.

► 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 and saves costs for future maintenance and upgrading.



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



Multiple visor lengths and reflector options allow for precise light control.



Short Visor



Regular Visor



Long Visor



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



## Luminaire Exploded View

### 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.

### Visor Helps to Accurate Light Control

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

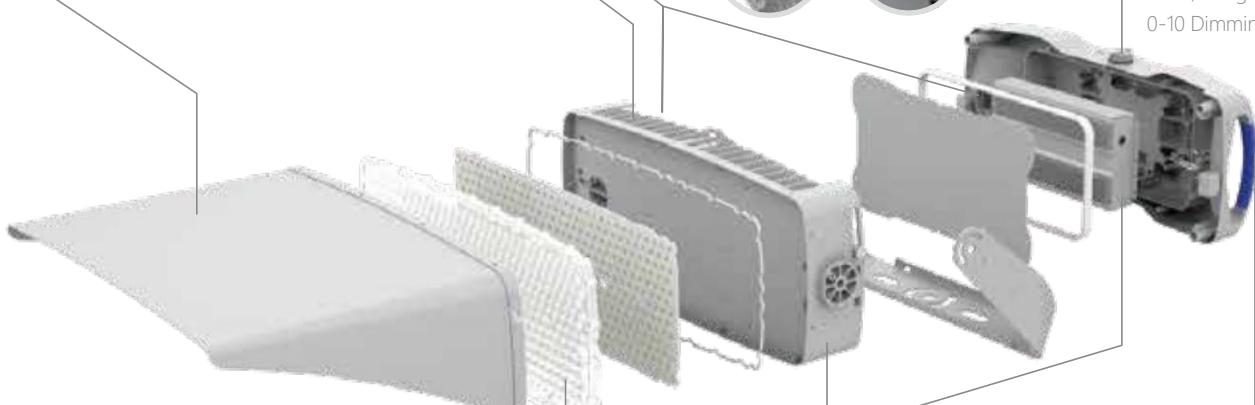
### Knife Switch

When the high-altitude maintenance of Lumen X, the power box is separated from the lamp body, a cuts power automatically immediately, This provides safety for workers.



### Sensor Interfaces

DMX, Zhaga, DALI, 0-10 Dimming.



### Driver

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

### Optics

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

### Surface Treatment

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



### Handle

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



## Weight and Packing

- Only 660\*620\*340mm and 17.2kg, Compact size and Light weight Save freight cost and easy installation.
- Package size is only 655\*470\*325mm, which makes less shipping cost and more benefits Perfect choice for a distributor or wholesaler stock.



Quick shipment of required product



Elimination of dead stock



Less blockage of funds



Less storage space required

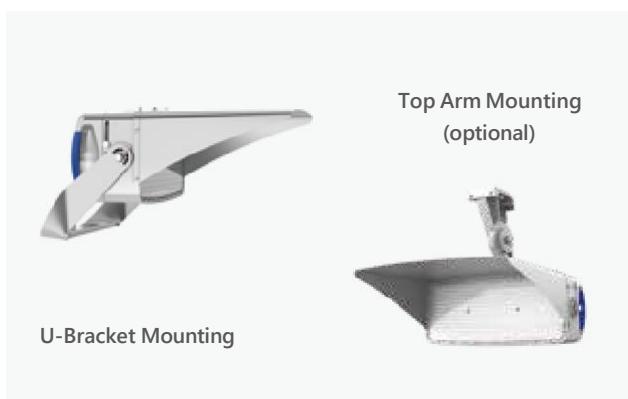




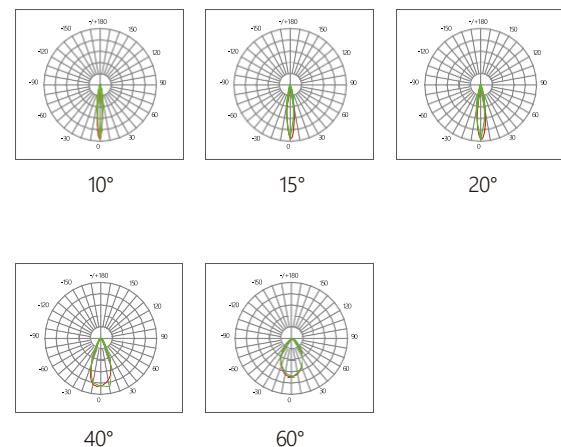
## Parameters

Model No.	GT-LED-ST-LMX-800W-ADJ			
Wattage Selectable	600W-700W-800W			
Light Efficiency	150Lm/W (@Osram 10°), 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	10° / 15° / 20° / 40° / 60°			
CRI	70 / 80 / 90 Optional			
SDCM	<6			
Input Voltage	AC120-277V / 200-480V			
Power Factor	0.95			
THD	≤10%			
Percent Flicker (%)	<1%			
Surge Protection	10KV, 20KV			
Protection Against Electric	Class I			
IP (Environmental Location of Luminaries)	IP66			
IK	IK10			
EPA	1.86ft <sup>2</sup> (Without Visor), 3.19ft <sup>2</sup> (Short Visor), 4.47ft <sup>2</sup> (Regular Visor), 5.46ft <sup>2</sup> (Long Visor)			
Operating Temp Ranger	-40°C~+50°C/ 1-40°F~+122°F			
Intelligent Control	0-10V, DALI, DMX512			
Lifetime	100,000H (L70B50 @25°C) / 100,000H (L70B50 @77°F)			
N.W (kg/lbs)	Without Visor: 17.2kg±0.5 37.92±1.1lbs	With Short Visor: 17.9kg±0.5 39.46±1.1lbs	With Regular Visor: 18.4kg±0.5 40.57±1.1lbs	With Long Visor: 18.9kg±0.5 41.67±1.1lbs
Dimension (mm/in)	Without Visor: 620x288x31mm 24.41x11.14x13.03in	With Short Visor: 620x491x340mm 24.41x19.33x13.39in	With Regular Visor: 660x620x340mm 25.98x24.41x13.39in	With Long Visor: 796x620x340mm 31.34x24.41x13.39in
CTN (mm/in)	655x 470x 325mm 25.79x18.50x12.80in			
Warranty	7 years, Isolated (5 years, Non-isolated)			
Certificate	UL / DLC / CE / CB / ENEC / RoHS			
Specification	LED: Bridgelux, Osram, Samsung Driver: uPowerTek, Powerland			
Material	Structure: Die-casting / High Thermal Conductivity AL Finish: Powder Coated Lens: Polycarbonate Color: Gray			

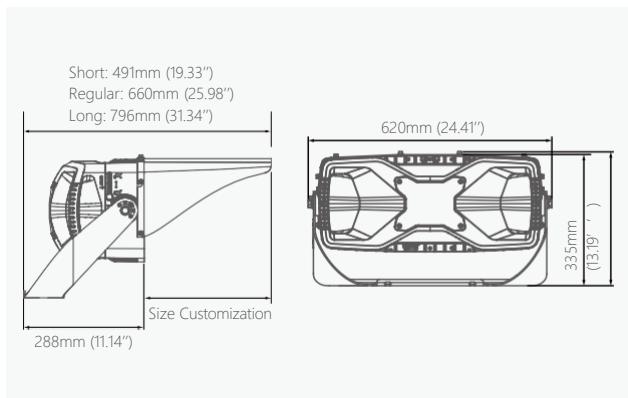
## Mounting (options)



## Photometric Diagrams



## Dimension



## 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



Football Pitch



Sports Complex



Industrial & construction sites



Parking Lot



Port Lighting



Airport

## Green Team Lighting

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