



FL19 MAX

Defining the Future of LED Sports Lighting.

The FL19 MAX is a cost-effective sports lighting solution for the stadium, which can 1:1 replacement for the HID and is also friendly to the new sports fields. Opto-electrical separation solutions are advantageous to the flexible installation of the power supply, which can be installed on the lamp holder and the lamp post, and can also be installed on the distribution box, for the convenience of installation and later maintenance.



IP66
Wet Location

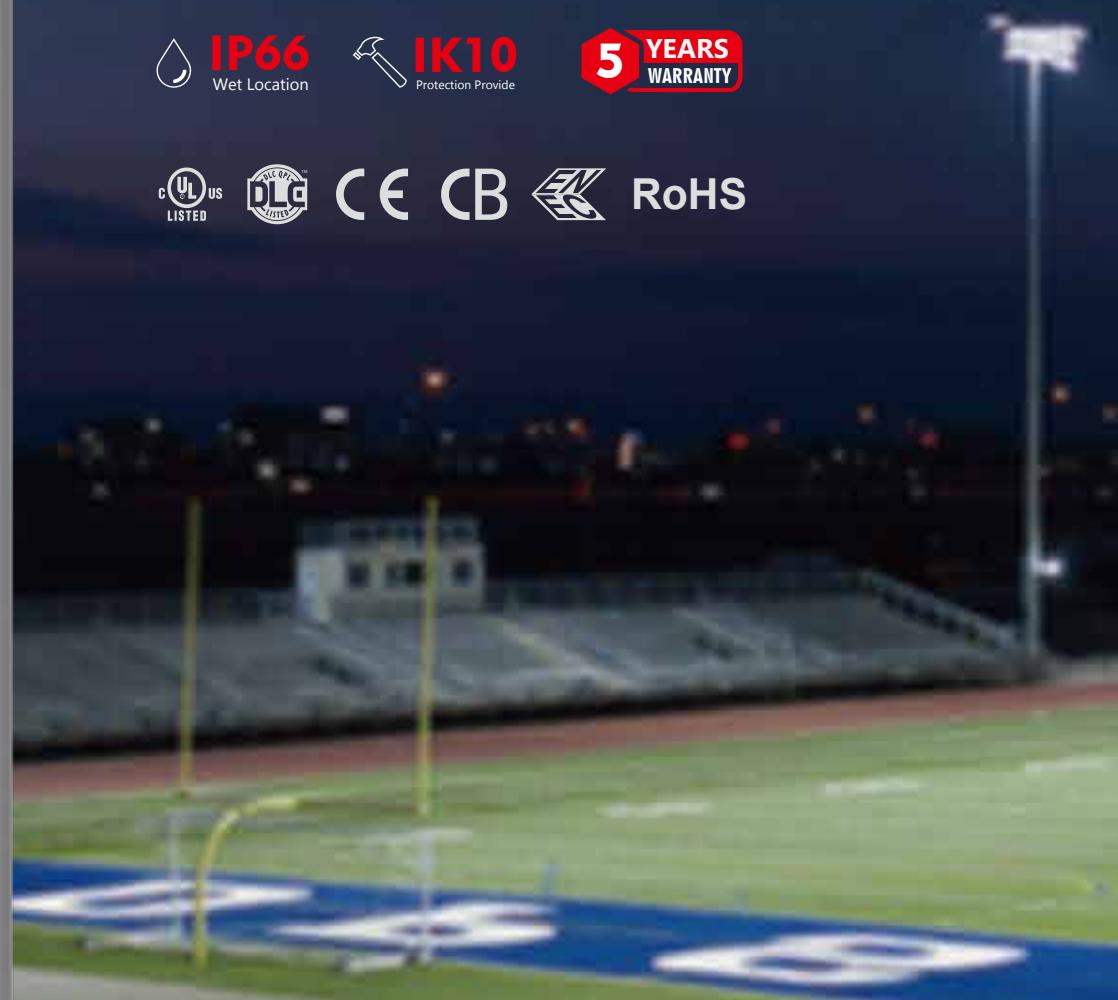


IK10
Protection Provide

5 YEARS
WARRANTY



RoHS





Optical Lighting Program

1. With high transmittance lens alone.

2. Lens with tempered glass.

3. Glass optional.



1000W/ 1200W



1600W/ 1800W 2000W

15%-20% Lighter Than Other

1200W Max ONLY 21kg, 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.

FL19 Max Multiple Functions Available

DMX, ZHAGA, dial code to adjust the power, SYNAPSE wireless control, can be installed with NEMA light control base.

Low Cost & High Efficiency

PowerBox is also a junction box that can be convenient and fast wiring. This focus on ergonomic design can lead to improved efficiency during installation, ultimately saving time and costs.



② Excellent Heat Dissipation

Lamp radiator adopts high thermal conductivity pure aluminum material 1060, thermal conductivity effect is better, lamps and lanterns life longer.

The lamps are designed with photoelectric separation program, better heat dissipation performance of the lamps, longer lamp life.

① Visor for Precise Light Control

- Directs more light onto the field.
- Dramatically reduces glare and spill.
- Enhance on-field playability.
- Installing and replacing the hood is safe and labor-saving, and the structure of the card slot is designed.



- 3 Length visor options with grill hood for precise light control.



"S" Visor
0.7kg



"M" Visor
1.2kg



"L" Visor
1.5kg

③ Surface Treatment

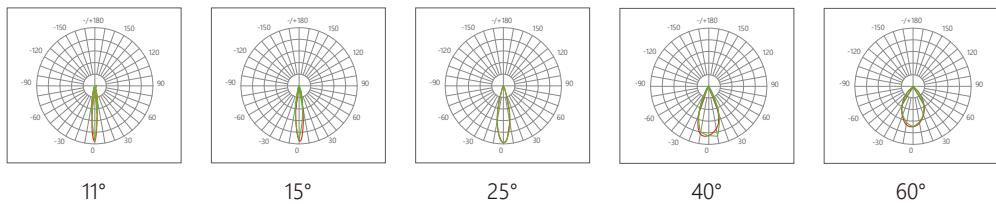
Corrosion-resistant surface treatment is applicable to the air environment in more harsh areas.



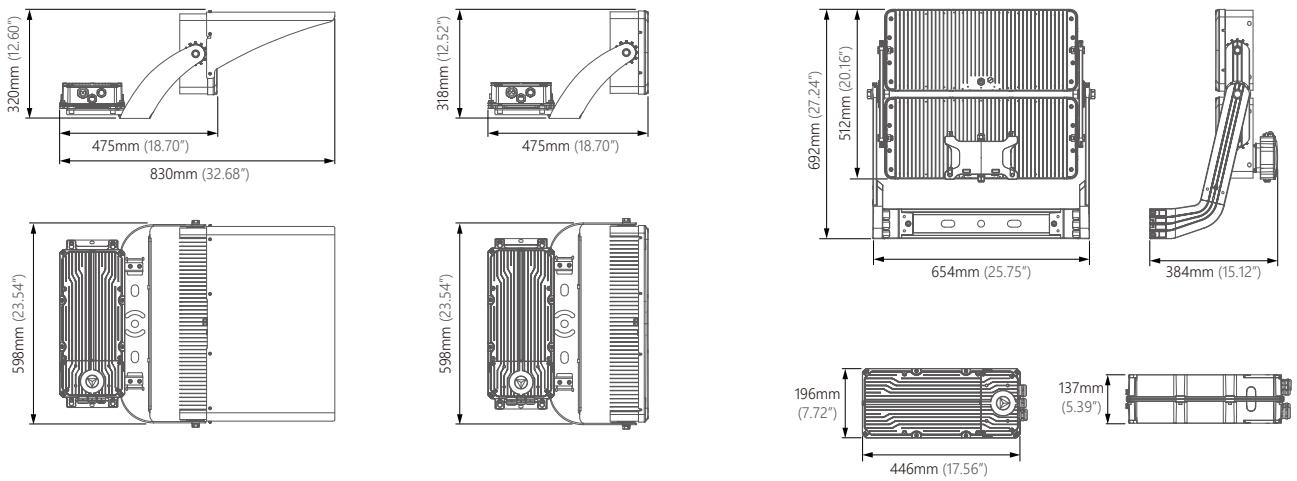
Parameters

Model No.	HD-FL19M-1000W/1200W	HD-FL19M-1600W/1800W/2000W
Wattage	1000W/ 1200W	1600W/ 1800W/ 2000W
Light Efficiency ($\pm 5\%$)		150Lm/W
Lumen Flux (@5700K) ($\pm 5\%$)	150,000Lm/ 180,000Lm	240,000Lm/ 270,000Lm/ 300,000Lm
CCT	2700K/ 3000K/ 4000K/ 5000K/ 5700K/ 6500K	
Beam Angle	11 \pm 2°/ 15 \pm 2°/ 25 \pm 3°/ 40 \pm 4°/ 60 \pm 5°	
CRI		\geq 70
SDCM		\leq 6
Input Voltage	AC100-277V / AC200-480V	
Power Factor		\geq 0.95
THD		\leq 15%
Percent Flicker (%)		$<$ 1%
Surge Protection	10KV/ 20KV Optional	
Protection Against Electric		Class I
IP (Environmental Location of luminaries)		IP66
IK	IK10 (Lens) / IK08 (Glass) Optional	
EPA	1.86 ft ² (Without visor)	3.86 ft ² (Without visor)
Operating Temp Range		-40°C~+50°C / -40°F~+122°F
Intelligent Control		0-10V / DMX / DALI / SYNAPSE
Lifetime	100,000H (L70B50 @25°C) / 100,000H (L70B50 @77°F)	
Net Weight (kg/ lbs)	Lamp (Without Visor) : 13.5 kg \pm 0.5/ 29.76 lbs \pm 1.1 Driver Box : 6.5 kg \pm 0.5/ 14.33 lbs \pm 1.1	Lamp (Without Visor) : 27 kg \pm 0.5/ 59.52 lbs \pm 1.1 Driver Box : 10 kg \pm 0.5/ 22.05 lbs \pm 1.1
Dimension (mm/ in)	With Visor: 830x 598x 320mm/ 32.68x 23.54x 12.6in Without Visor: 475x 598x 318mm/ 18.7x 23.54x 12.52in	Without Visor: 654x 692x 384mm/ 20.16x 27.24x 15.12in
Packing Dimension (mm/ in)	655x 595x 345mm/ 25.79x 23.43x 13.58in	800x 700x 290mm/ 31.50x 27.56x 11.42in
Warranty		5 years, 7 years Optional
Certificate		UL / DLC / CE / CB / ENEC / RoHS
Specification		LED Brand: Luminus, Bridgelux Driver Brand: uPowerTek, Powerland, Inventronics
Material		Structure: Die-casting / High Thermal Conductivity AL Finish: Powder Coated Lens: Polycarbonate Color: Gray

Photometric Diagrams



Dimension (mm/ in)



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



Port Lighting



Airport



Parking Lot