



FBH-RA6 LED sports light series offers a comprehensive lighting solution for stadiums. Anti-Glare grille and visors to ensure high-quality lighting. Optoelectrical separation solution to save material costs and avoid the interference of heat to the driver, to ensure efficient operation. Humanized structure design for convenient installation, enhancing safety in high-altitude operations, and saving labor costs.





1000W/1200W/1300W

600W/680W/800W

500W/400W/300W



LED Sports Field Lighting

Experience Brilliant Illumination With New Stadium Lights

- 1 High-quality lighting effect, controlling glare while ensuring a total light flux of up to 195,000lm.
- 2 Optional anti-glare grille to reduce glare and control light uniformity.
- 3 Large light-emitting area, saving materials, and improving light utilization.
- 4 Equipped with a visor to prevent glare and light spill, say goodbye to light pollution.



Optional anti-glare grille.

Flat heat sink, ensuring sufficient heat dissipation area and air circulation space.



- 1 Opto-electrical separation design to reduce material costs.
- 2 Separation of power supply and heat sink, extending the overall lamp life.

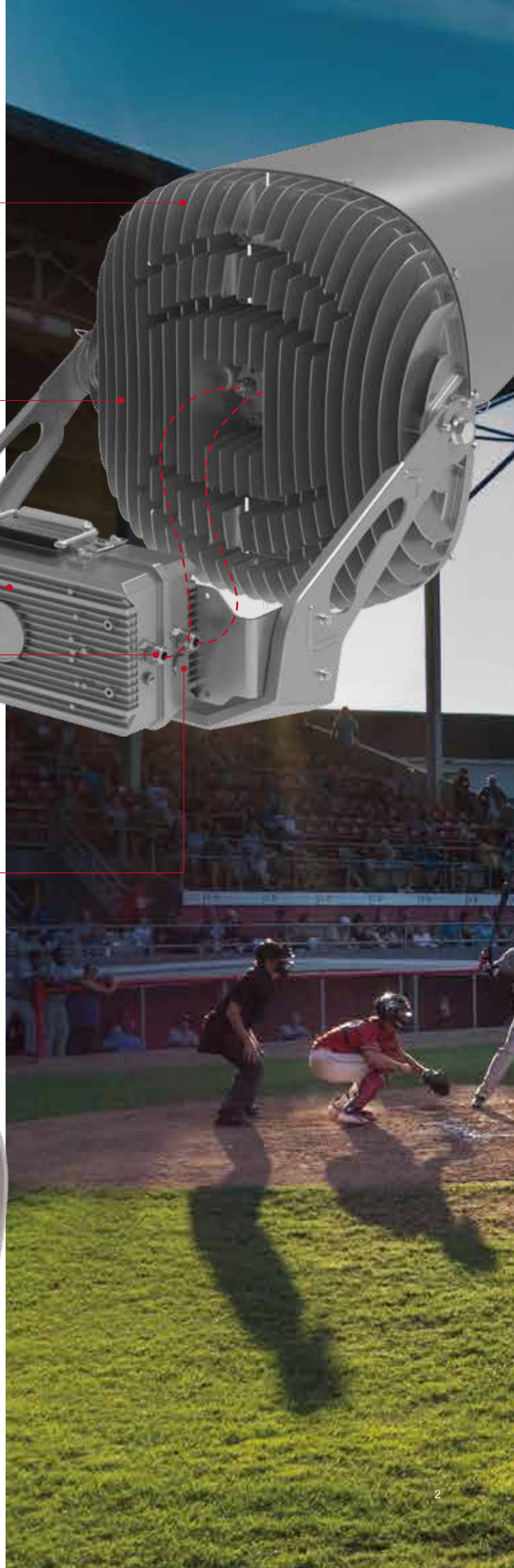
In-distribution box power supply installation

Independent or in-distribution box power supply installation, suitable for replacing HID products, easy installation, and maintenance.

Quick plug-and-play wiring for easy installation and maintenance.

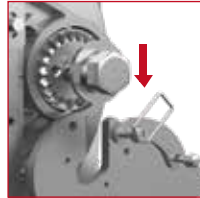
Dimmer Connector

Reserved intelligent module installation position, compatible with various remote smart control solutions such as 0-10V Dimming, PWM, Dali, DMX, Synapse, etc.





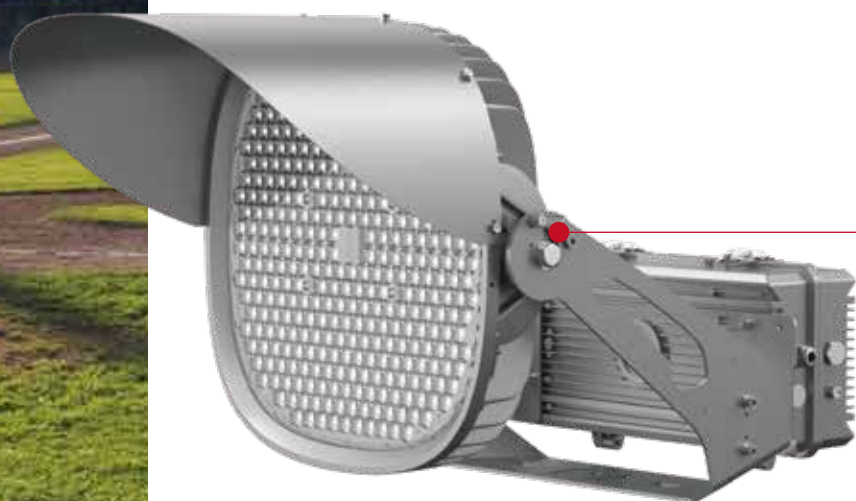
User-friendly structural design, enhancing safety in high-altitude operations and saving labor costs.



Snap-on installation structure, enabling single-person installation.



Incremental 2.5deg tick marks to allow for precise aiming and to facilitate the alignment of luminaires.

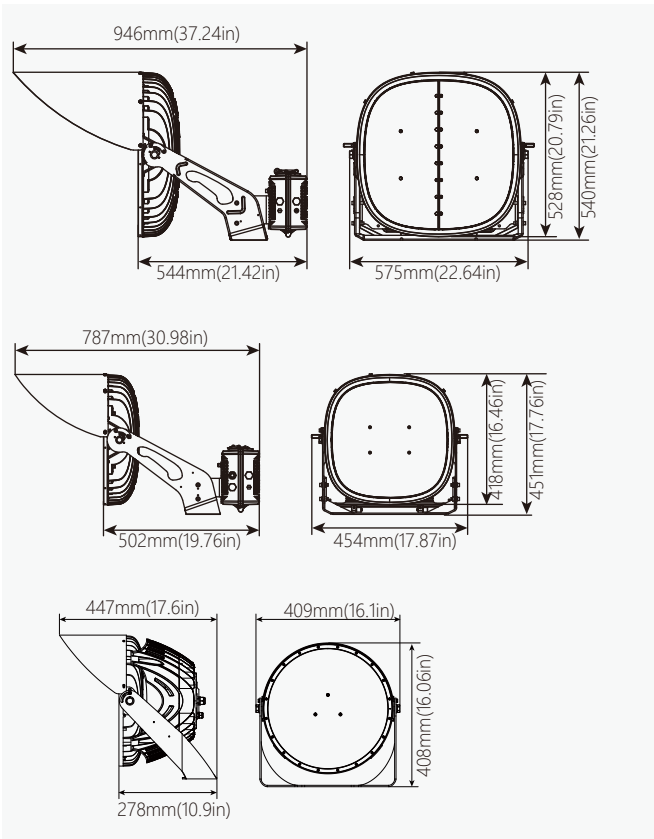




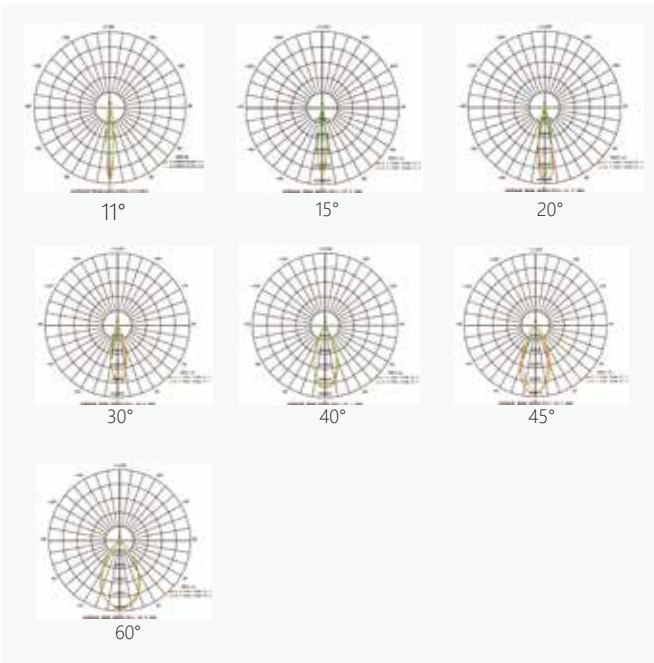
Parameters

Model No.	FBH-RA6 1000/1200/1300W	FBH-RA6 600W/680W/800W	FBH-RA6: 300/400/500W
Wattage	1000W/1200W/1300W	600W/680W/800W	300W/400W/500W
Light Efficiency	145Lm/W~150Lm/W	145Lm/W~160Lm/W	150Lm/W~160Lm/W
Lumen Flux(@5700K)	145,000Lm~195,000Lm(±10%)	87,000Lm~120,000Lm(±10%)	45,000Lm~80,000Lm(±10%)
CCT	3000K/4000K/5000K/5700K, RGB/RGBW Optional		
Beam Angle (±5°)	11°/15°(Samsung), 20°/40°/60°	15°(Samsung), 20°/40°/60°	30°/45°
CRI	70, (80, 90, TLCI>90 Optional)		
SDCM	≤5		
Input Voltage	AC 200-480V (AC 100-277V, 500W)		
Power Factor	≥0.95		
THD	≤15%		
Percent flicker(%)	<3%		
Surge Protection	10KV		
Protection against electric	Class I		
IP (Environmental location of luminaries)	IP66 Wet location		
IK	IK08		
EPA	Front: 2.9ft ² , Side: 1.2ft ²	Front: 1.93ft ² , Side: 0.8ft ²	Front: 1.28ft ² , Side: 0.85ft ²
Operating Temp Ranger	-40 C ~ +50 C @ outdoor -40 F ~ +122 F @ outdoor		
Intelligent control	0-10V Dimming, PWM, Dali, DMX, Synapse		
Lifetime	100,000H(L70B50@25 C) 100,000H(L70B50@77 F)		
Weight (kg/lbs)			
Without Driver	22.7kg±0.5 / 50.04lbs±1.1	13.7kg±0.5 / 30.20lbs±1.1	With Driver and Visor: 10.2kg±0.5/ 22.49lbs±1.1
Without Driver and Visor	22kg±0.5 / 48.50lbs±1.1	13kg±0.5 / 28.66lbs±1.1	
Driver Component	(7.5kg~10kg)±0.5 / (16.54~22.05lbs)±1.1	6kg±0.5 / 14.55lbs±1.1	
Dimension(mm/in)	590*542.6*528mm 23.23*21.36*20.79in	502.4*458*449mm 19.98*18.03*17.68in	447*409*408mm 17.60*16.10*16.06in
Packing Dimension(mm/in)	780*630*355mm 30.71*24.80*13.98in	755*530*320mm 29.72*20.87*12.60in	490*450*325mm 19.29*17.72*12.80in
Warranty	7 year, Isolated(5 year, Non-isolated)		
Certificate	UL / DLC / FCC		
Specification	LED: Samsung, Lumileds Driver: 300-500W: Moso, uPowerTeck, Sosen/600-1300W: Sosen, Inventronics, Powerland		
Material	Structure: Die-casting/High Thermal Conductivity AL Finish: Powder coated Lens: Polycarbonate Color: Gray		

Dimension



Photometric Diagrams



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



Sports Complex



Football Pitch



Baseball Field



Parking Lot



Industrial & construction sites



Airport



Port Lighting