

LK-B Series



● Features

Rated Power: **1400W~1800W @ AC100-277**

Supporting HDTV broadcasting standard

- Flicker free
- CRI > = 90 ; TLCI can up to 90
- Additional visors within reflective aluminum material
- Beam angle options include 20°/40°/70°
- Luminaire efficacy is up to 160 lm/W
- Compact size and light weight

High Reliability

- Life time 100,000 hours @L70
- Housing Material: Die-casing aluminum, Visor:Pure aluminum, Bracket:Die-casing aluminum
- Surface spray treatment, corrosion resistance capability is WF2
- Protection Degree: IP67 IK08
- Surge protection level: 10KV

Intelligent control: DMX, DALI and 0-10V Dimming

Application

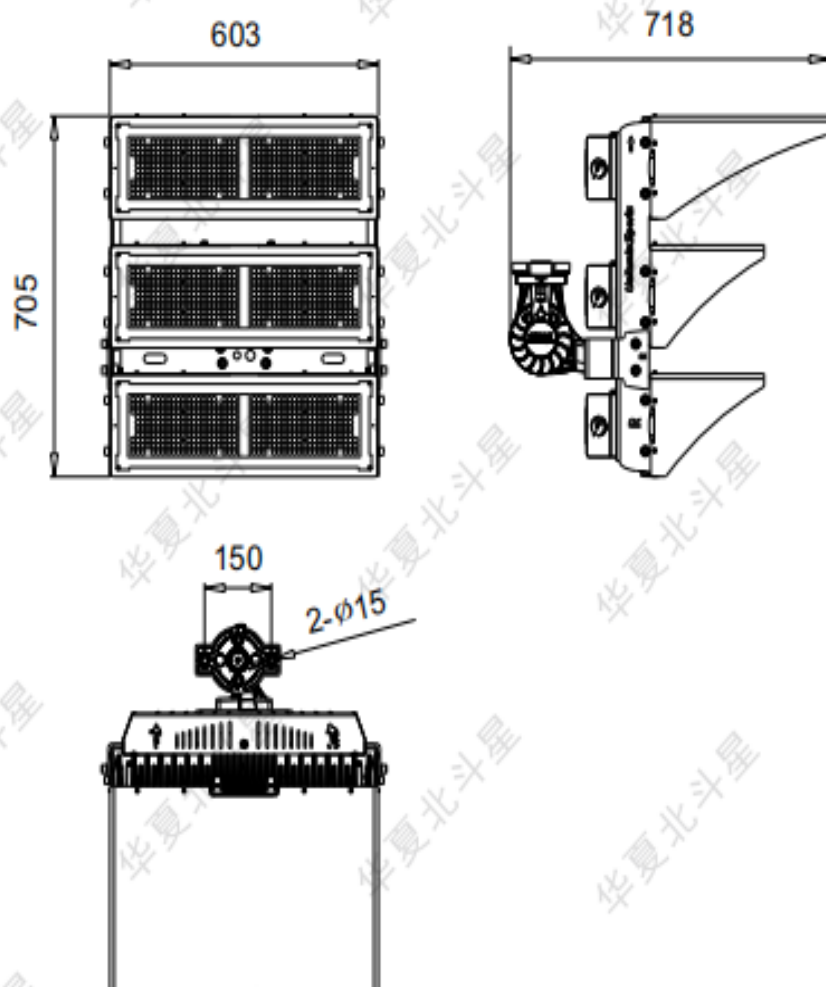
- Indoor arenas (Basketball court, Ice hockey...)
- Outdoor arenas (Stadium, Football pitch, Tennis, Golf course, Hockey field...)
- Multi-Purpose area (MUGA)
- Meet all kinds of sports events' lighting requirements
- Operating environment: Operating Temperature - 45°C ~ 50°C, Operating Humidity 10% ~ 95%RH

● Specification

Product Model	LK-1400B	LK-1500B	LK-1600B	LK-1800B	/
Power (W)	1400	1500	1600	1800	
LED Quantity	576	576	576	576	
Luminous Flux (lm)	168000	180000	192000	216000	
Efficacy (lm/W)	120 lm/w				
Power Factor	≥0.95				
LED brand & type	5050				
Driver	Inventronics				
Input Voltage	AC100-277V 50/60Hz				
CCT (K)	5700K±300K				
CRI	Ra ≥ 90				
Corrosion Resistance Capability	WF2				
Beam angle options	20°/40°/70°				
Working Temperature	- 45 °C ~ +50 °C				
Working Humidity	10 % ~ 95 % RH				
Warranty	3years				
Housing Materials	Housing Material: Die-casting aluminum, Visor:Pure aluminum, Bracket:Die-casting aluminum				
IP/IK Grade	IP67 /IK08				
Dimming	DMX512				
Surge protection	10KV				
Life Time (Hours)	100,000h @L70				
Product weight (kg)	51				
Product Dimension (mm)	603*718*705				
Lamp packing Dimension(mm)	870*750*320				
Lampshade packing Dimension(mm)	645*645*260				

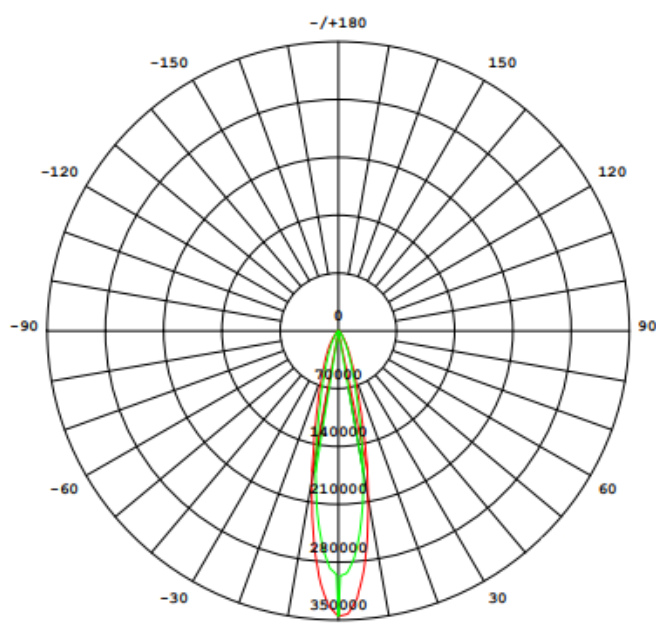
Note: The tolerance of Luminous Flux for lighting products is ±7%;
The packing dimension may be changed according to the order quantity.
Subject to the shipping packing list information;

● Product Dimension

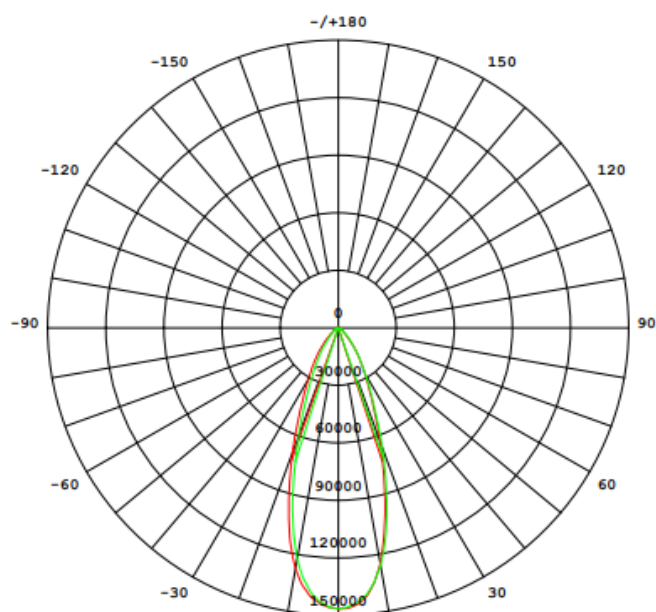


● Light Distributions

20°



40°



Note: Diagram above shows the 500W test result. This is to demo the optical lens capability. Others wattage models have same light distribution with different light intensity data.

● Quick Installation Guide

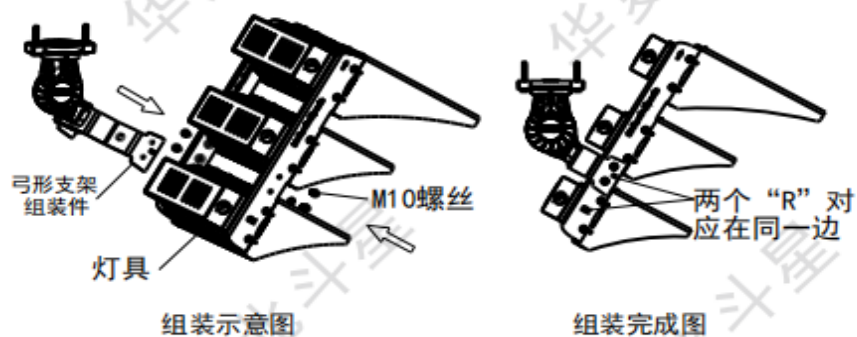


图4

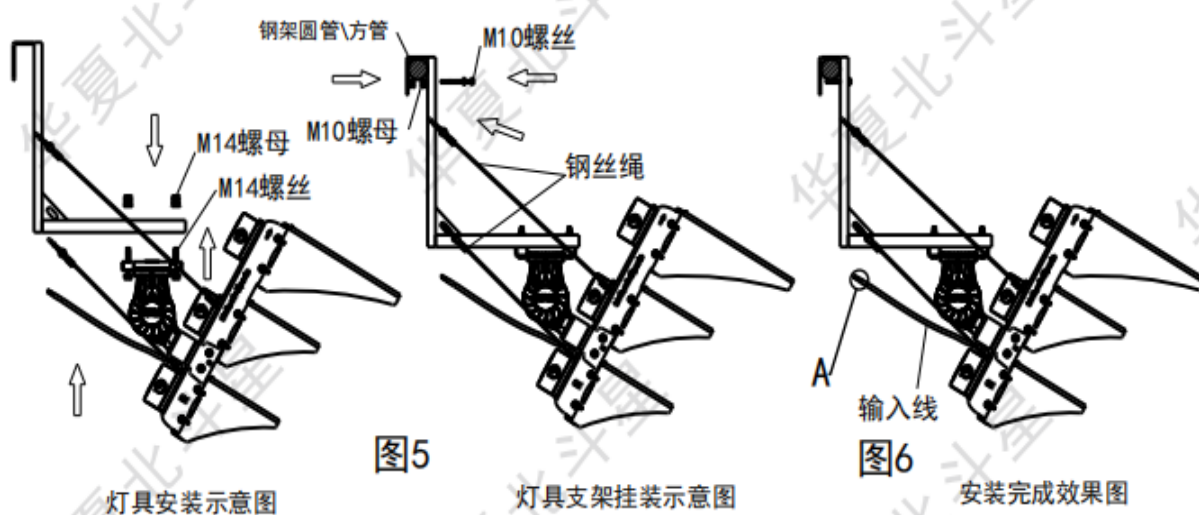
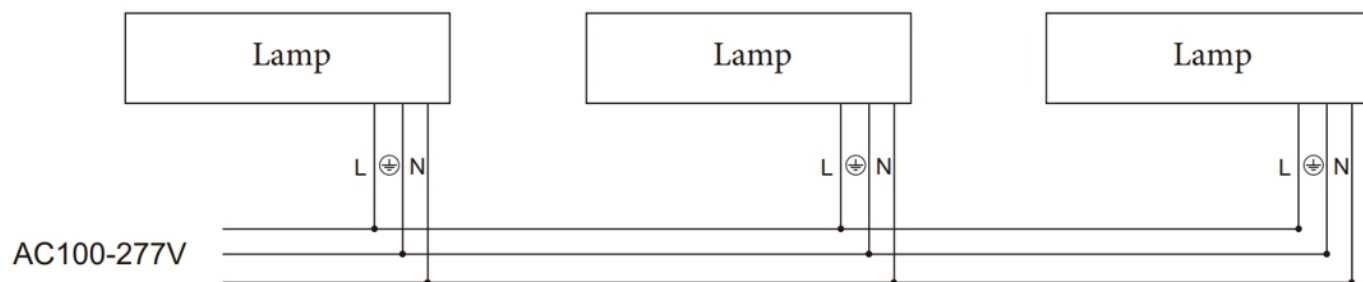


图5

图6

● Wiring Diagram



● Cautions

- Please make sure the installation and maintenance shall be conducted by electrical professionals.
- Please do not turn on the light before installation complete.
- Before installation, please make sure the mounting surface is strong and stable, and there is enough contact surface to fix the light in place.
- BDX series have three-core wire, live wire L, neutral wire N, yellow and green wire is grounding E, please make sure the connection part is able to meet the waterproof requirement IP65 or even higher standard.
- When abnormal symptoms occur in the light, please cut off the power immediately.
- You may add additional protection to the external cable or wire according to your needs.
- The light source is not replaceable. When the light can not be turn on, you need to replace it with a new light.



- Do not cover the luminaire with any objects;
- Do not use the product in a closed environment;
- The maintenance of the luminaire must be done by professionals;
- Product specifications are subject to change without notice.

**Warning,
danger of electric shock**

