



Lighting Best International Ltd.

Product specification



Model No.:LB-IS3202-W***

Product name:

**400W-800W LED flood light/ stadium
lights/highmast lights**

1.Main picture



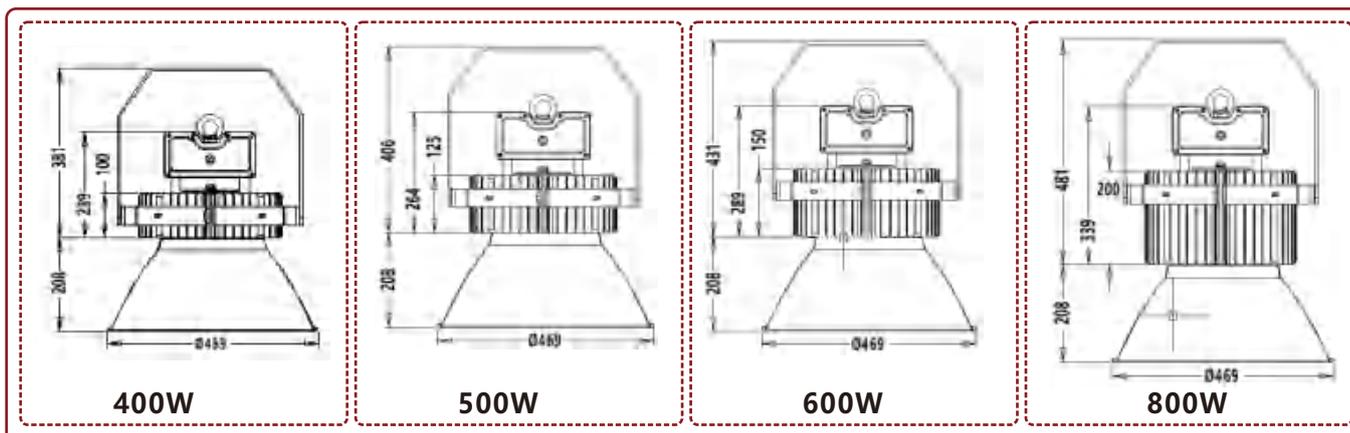
2.product feature

- 1.high quality extruded aluminum sun-flower pattern radiator, the heat dissipation system constructed by copper superconducting heat pipe, it makes this series of products specific and extraordinary heat transfer and heat dissipation effect, the product light decay is minimal; the lifetime is super long; and they very solid and durable;**
- 2. built-in Professional Optical Design Aluminum Reflector, high optical efficiency reach 95%;**
- 3. Flip-chip light source, vertical heat dissipation structure, light source failure rate is almost 0%, long life, low decay;**
- 4.Optical toughened glass lens, dust-proof, corrosion-proof, anti-oxidation, weather resistance, strong marine resistance, wear resistance; easy to maintain;**
- 5. power ranged from 400 ~ 800W;**
- 6.IP grade : IP65;**
- 7.UL listed.**

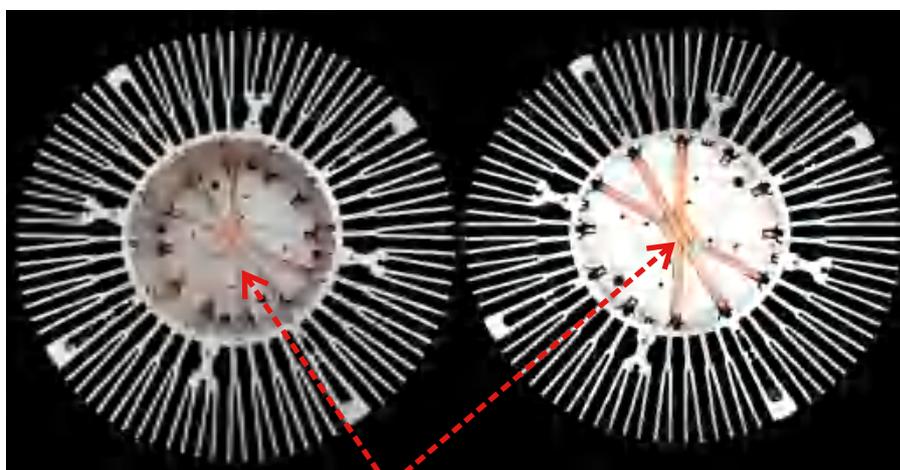
3.Quick Details

Keyword:	LED flood / stadium/highmast lights	Model Number(UL):	LB-IS320-WAAA
power range	400 ~ 800W	optical structure design	optical glass combine with aluminium reflector
support customize	yes	main material of Housing	extruded 6063 aluminum heatsink
typical Input Voltage(V):	AC100 ~ 240V. 50/60HZ	power factor	> 0.95
Driver Brand:	Meanwell/sosun/lightingbest/others	Extra function optional /Smart Functions:	Dimming/DALI /emergency lighting/ motion sensor/ZIGBEE intelligent control
Place of Origin:	China	product Brand:	lightingbest or customize
LED Chip Brand:	cree/philips/osram/citizen/bridgelux/SAN AN/others	Luminous Efficiency(lm/w):	COB:Max 150LM/W(when CCT6000K) SMD3030:Max 180LM/W(when CCT6000K)
LED type	flip-chip COB/SMD3030(when 120° Beam angle)	Beam angle:	30° /60° /90° options
Color Temperature(CCT):	3000k-6500k optional	CRI (Ra>):	70 ~ 90 optional
lifetime(Hours)	50000	Warranty	3 ~ 5 Years
certificate	CE, Rohs, UL	IP Rating:	IP65 Waterproof
Working Temperature(°C): storage temperature(°C):	-35°C ~ +60°C -30°C ~ +50°C	Application:	Factory, Square, Parking Lot, advertising lighting, Garden, Public place, Exhibition hall, stadium etc.
packing	power:400W 530*530*575 power:500W 530*530*600 (mm) power:600W 530*530*625 power:800W 530*530*675	N.W./G.W.	power:400W 17.6 / 18.8 power:500W 18.6 / 19.8 power:600W 19.6 / 21.0 power:800W 21.6 / 22.4 (KG)

4.1 product diemension

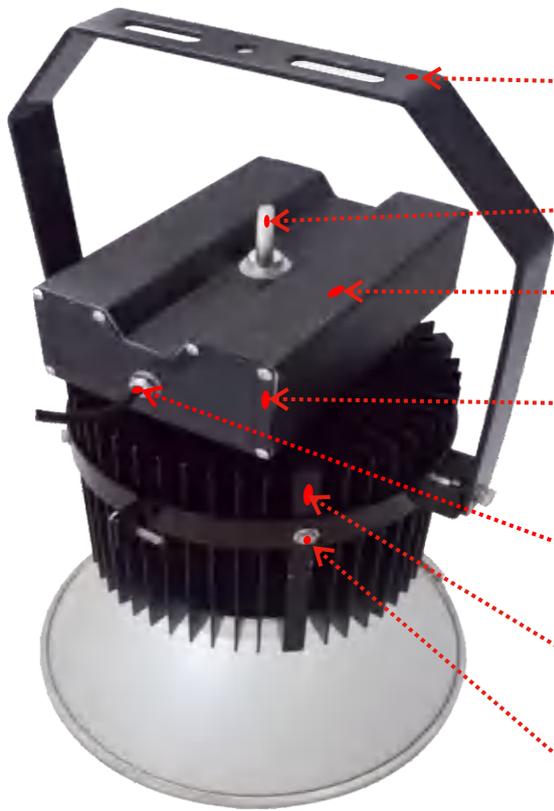


4.2 product details (the heat dissipation system constructed by copper superconducting heat pipe)



the heatsink was made of high quality extruded 6063 aluminium , and it was built-in double-side Copper superconducting heat pipe, mkae it have strong ability of Heat dissipation and heat transfer, solve the big problem of heat and light decay of LED products.

4.3 product details



6mm thickness steel U bracket

steel hook

extruded aluminium driver housing

die-cast end-cap of driver housing

outdoor silicon cable and water-proof wire connector

high quality extruded aluminium heatsink

316 stainless steel screws



316 stainless steel circle holder

high luminous efficiency 3030 SMD LED chips

high quality high efficiency aluminium reflector

4.4 flip-chip COB light source, never burn out

Flip-chip COB light source advantage



never failed (burnt)
more than 5years

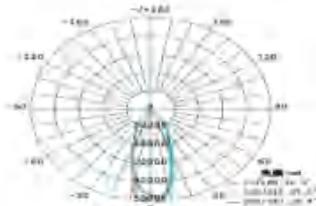
1. adopts vertical packaging structure, no sapphire heat dissipation layer, no golden wire welding, the chip is in direct contact with the heat dissipation base, so that the heat of the LED chip can be emitted quickly, can withstand higher temperature and load large electric current;
2. the size can be smaller, the optics are easier to design, especially for outdoor lighting with high power and small beam angle, this is much better than SMD lights;
3. since of better heat dissipation, so the lifetime of the chip has been improved a lot, light decay is smaller;
4. better of antistatic ability, more suitable for outdoor complicated environment of surrounded by other electrical appliances;
5. our company has adopted flip-chip COB light source for more than 5 years, it is never burnt, zero failure, if you use our flip-chip COB products, we promise the warranty of light source will extend 1 year based on the warranty of product.

4.5 IP grade:IP65

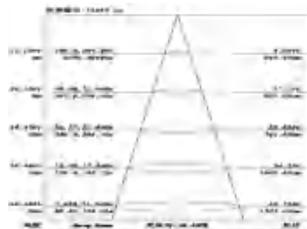
Structural waterproofing
real IP65



4.6 optical parameter and lights distributor curve



beam angle:30°



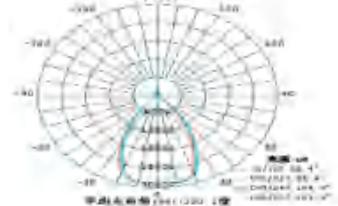
when power:400W



beam angle:60°



when power:400W



beam angle:100°



when power:400W

4.7 UL certificate

CERTIFICATE OF COMPLIANCE

Certificate Number 20150211-E472884
Report Reference E472884-20150129
Issue Date 2015-FEBRUARY-11

issued to: LIGHTING BEST INTERNATIONAL LTD
ZONE A FL12,BLDG 22 CHUANGYE INDUSTRIAL ZONE
SHAPUWEI COMMUNITY SONGGANG ST BA'AN
SHENZHEN , 518104 CHINA

This is to certify that
representative samples of

LIGHT-EMITTING-DIODE SURFACE-MOUNTED LUMINAIRES

Suitable for wet Locations, Models: LB-DM500-WAAA, LB-DM500-WBBB, LB-DM500-WAAA, LB-DM500-WBBB, LB-FS100-WAAA, LB-FS115-WAAA, LB-FS200-WAAA, LB-FS225-WAAA, LB-FS290-WAAA, LB-FS300-WAAA, LB-FS350-WAAA, LB-FS350-WBBB, LB-FS408-WAAA, LB-FS408-WBBB, LB-FS408-WCCC, LB-FS500-WAAA, LB-FS500-WBBB, LB-ID320-WCCC, LB-ID320-WDDD, LB-IM160-WAAA, LB-IM160-WBBB, LB-IM160-WCCC, LB-IM200-WAAA, LB-IM200-WBBB, LB-IM250-WAAA, LB-IM320-WAAA, LB-IM320-WBBB, LB-IM320-WCCC, LB-IM320-WDDD, LB-IS200-WBBB, LB-RS530-WAAA, LB-RS595-WAAA, LB-RS600-WAAA.

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 1598 and CSA C22.2 No. 250.0-08 - Luminaires
UL 8750 - Light Emitting Diode (LED) Equipment for Use in Lighting
Products

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information.

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.

Barry J. ...
Global Director, Technical Order Engineering, Global Regulation and Certification

UL LLC

Any information and documentation bearing the UL Mark is either registered or issued by UL LLC or any authorized licensee of UL. For questions please
contact a UL or UL Customer Service Representative at www.ul.com/contact-us.



4.8 CE/Rohs/IP65certificatate

TCD

Certificate of Compliance

REPORT NO: TCD2015032310308E-1
 CERTIFICATE NO: TCD2015032310308E-1

Applicant : Lighting Best International Limited
Address : F12, bldg 22(Pujing Semiconductor Ind.Park),Chuangye Ind. Zone, Shapuwai Community, Songgang St, Baoan, Shenzhen

Manufacturer : Lighting Best International Limited
Address : F12, bldg 22(Pujing Semiconductor Ind.Park),Chuangye Ind. Zone, Shapuwai Community, Songgang St, Baoan, Shenzhen

Product : LED High Bay Light
Model : LB-45160-W030, LB-45160-W050, LB-45160-W080, LB-45160-W100, LB-45160-W120, LB-45160-W150, LB-45160-W180, LB-45160-W200, LB-45160-W220, LB-45160-W240, LB-45160-W260, LB-45160-W280, LB-45160-W300, LB-45160-W320, LB-45160-W340, LB-45160-W360, LB-45160-W380, LB-45160-W400, LB-45160-W420, LB-45160-W440, LB-45160-W460, LB-45160-W480, LB-45160-W500, LB-45160-W520, LB-45160-W540, LB-45160-W560, LB-45160-W580, LB-45160-W600, LB-45160-W620, LB-45160-W640, LB-45160-W660, LB-45160-W680, LB-45160-W700, LB-45160-W720, LB-45160-W740, LB-45160-W760, LB-45160-W780, LB-45160-W800, LB-45160-W820, LB-45160-W840, LB-45160-W860, LB-45160-W880, LB-45160-W900, LB-45160-W920, LB-45160-W940, LB-45160-W960, LB-45160-W980, LB-45160-W1000

Rated : LB-45200-W100, 180W, AC 100-240V, 50/60Hz
Test Standard : EN 62031-2005
 EN 62403-2016
 EN 60588-1:2008+A11:2009

The EUT described above has been tested by us with the listed standards and found in compliance with the council LVD directive 2006/95/EC. It is possible to use CE marking to demonstrate the compliance with this LVD Directive.

The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production. It is only valid in connection with the test report number: TCD2015032310308E-1



 Chief Engineer
 Date of Issue: Mar. 23, 2015
 Shenzhen TCD Testing Technology Co., LTD.
 Tel: 0755-2979-8321 Fax: 0755-2979-1722
 #1, Lanwang Building, Gushu 1 Road, Xiliang Street, Baoan District, Shenzhen, Guangdong, China

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Rated : LB-45200-W100, 180W, AC 100-240V, 50/60Hz
Test Standard : EN 62031-2005
 EN 62403-2016
 EN 61660-3-2:2008+A1:2009+A2:2009
 EN 61660-3-3:2013

The EUT described above has been tested by us with the listed standards and found in compliance with the council EMC directive 2014/53/EU. It is possible to use CE marking to demonstrate the compliance with this EMC Directive.

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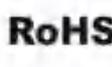
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Rated : LB-45200-W100, 180W, AC 100-240V, 50/60Hz
Test Standard : EPA 30908, 1250, EN1122-2001
 EPA 3052, 1986, EPA 3084A, 1996
 EPA 7190A-1992, EPA 3540C-1996, EPA8770-2007
 IEC 62321-1:2008

This is to certify that, on the basis of the tests undertaken as per Report No.: TCD2015032310308E-1, the submitted sample of the above item complies with And fulfills testing requirement of the ROHS directive 2011/65/EU.



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Rated : LB-45200-W100, 180W, AC 100-240V, 50/60Hz
Test Standard : EN 60529-1991(A), IEC008

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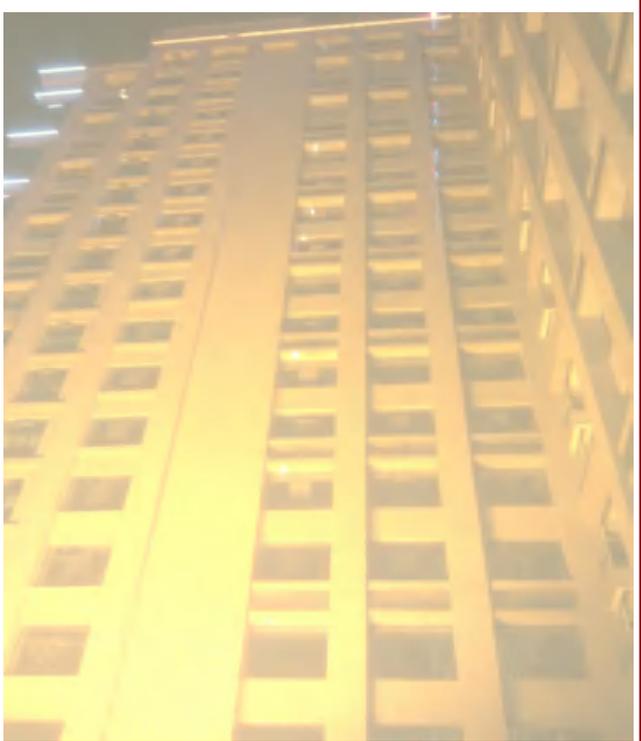
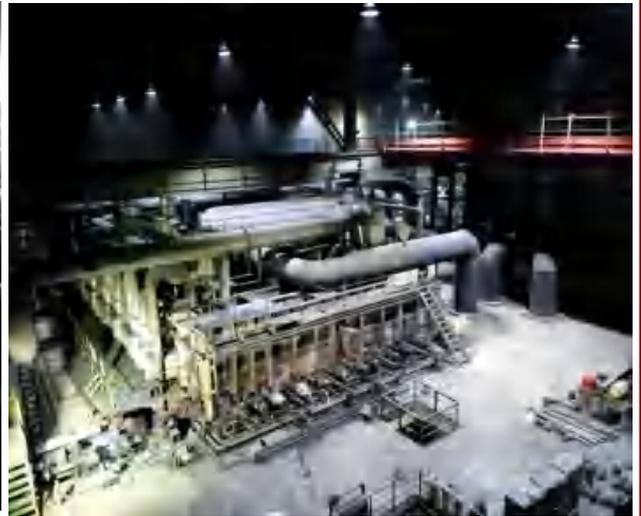
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5. application scene

general:Tunnel,Highway,Gas Station,Factory, Warehouse, Workshop, Square, Parking Lot, Supermarket, advertising lighting, Garden,Public place etc.



6 packing



7. Contact us

mobile/wechat/whatsapp/skype(same number)

+86 13316916698