



Lighting Best International Ltd.

PRODUCT SPECIFICATION



Model No.:LB-FS100-WAAA

Product name:

5-20W LED flood light

1.MAIN PICTURE



long U bracket and SMD3030



Short U bracket and COB



back view



easy tighten



customized color

2. PRODUCT FEATURE

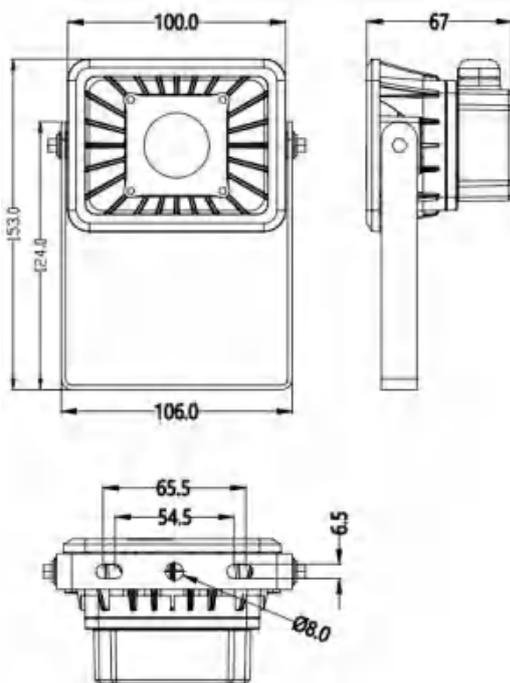
1. High-quality die-cast aluminum shell, product hollowed-out design, excellent heat transfer and dissipation effect, the product light decay is very small; it is solid、durable and long lifetime;
2. Optical toughened glass lens, dust-proof, corrosion-proof, anti-oxidation, weather resistance, strong marine resistance, wear resistance; easy to maintain.
3. IP grade :Ip65;
4. UL listed



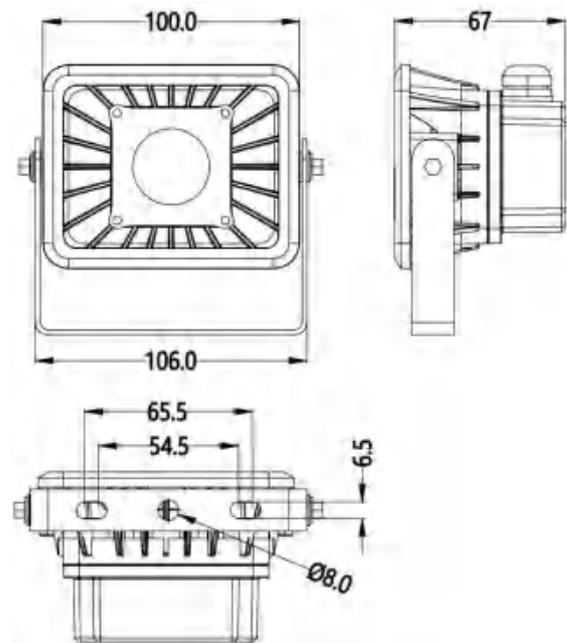
3. QUICK DETAILS

Keyword:	LED flood Light	Working Temperature(°C):	35 ~ 60
Model Number:	LB-FS100-WAAA	storage temperature	-30°C ~ +50°C
power range	5 ~ 20W	main material of Housing	Die-cast of Aluminum and glass lens
power factor	> 0.95	IP Rating:	IP65 Waterproof
Color Temperature(CCT):	3000k-6500k optional	Place of Origin:	China
LED type	SMD3030 or COB	Brand Name:	lightingbest or customize
LED Chip Brand:	cree/philips/osram/others	Application:	warehouse, factory, machine, landscape, advertising lighting
Luminous Efficiency(lm/w):	max160LM/W(when CCT6000K)	Warranty	5-Year
Extra function optional /Smart Functions:	N/A	CCT available	3000K/4000K/5000K/5700K/6500K
support customize	yes	Beam angle:	20° /100°
CRI (Ra>):	70 ~ 90 optional	Driver Brand:	Meanwell/sosun/others
Input Voltage(V):	AC100 ~ 277V/50/60HZ	certificate	CE、Rohs、UL
packing size	for short bracket: 120x95x100 for long bracket: 132x70x160mm	N.W./G.W.	0.48/0.5 (kg)

4. 1 PRODUCT DIEMENSION

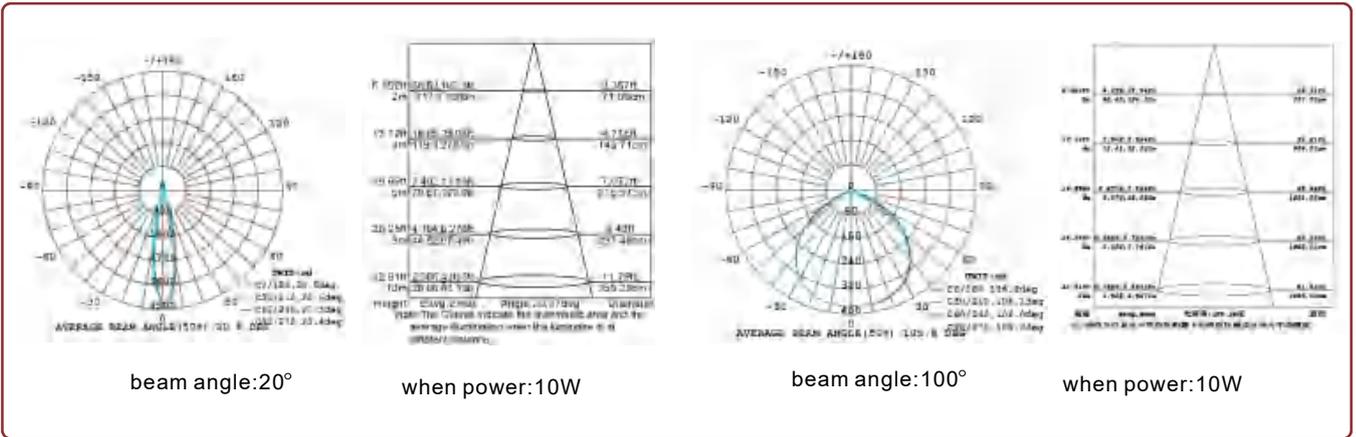


Short U bracket



Short U bracket

4.2 optical parameter and lights distributor curve



4.3 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 BAOAN
 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.


 Bruce Mahrenholz, Assistant Chief Engineer, Global Inspection and Field Services
 UL LLC

Any information and documentation involving UL Mark services are provided in behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at www.ul.com/contact.



4.11 CE, ROHS & IP65 CERTIFICATE

TCD

Certificate of Compliance

REPORT NO: TCD201503210309H-1
 CERTIFICATE NO: TCD201503210309H-1

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

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

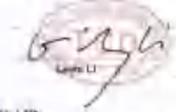
Product: LED Flood Light
Model: LB-FS115-W010, LB-FS115-W020, LB-FS225-W020, LB-FM200-W010, LB-FS200-W040, LB-FS300-W010, LB-FS300-W020, LB-FS400-W100, LB-FS400-W120, LB-FS400-W150, LB-FD200-W010, LB-FS200-W010, LB-FS200-W020, LB-FS200-W040, LB-FS200-W060, LB-FS200-W080, LB-FS200-W100, LB-FS200-W120, LB-FS200-W150, LB-FS200-W180, LB-FS200-W200, LB-FS200-W250, LB-FS200-W300, LB-FS200-W350, LB-FS200-W400, LB-FS200-W450, LB-FS200-W500, LB-FS200-W550, LB-FS200-W600, LB-FS200-W650, LB-FS200-W700, LB-FS200-W750, LB-FS200-W800, LB-FS200-W850, LB-FS200-W900, LB-FS200-W950, LB-FS200-W1000

Relay: LB-FS400-W200, 250W, AC 100-240V, 50/60Hz

Test Standard: EN 55015:2012
 EN 55014:2006
 EN 51963-3-2:2005+A1:2009+A2:2009
 EN 51963-3-2:2012

The EUT described above has been tested by us with the listed standards and found to be compliant with the current EMC Directive 2014/53/EU. It is possible to use CE marking to demonstrate the compliance with this EMC 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: TCD201503210309H-1



 Chief Engineer
 Date of Issue: Mar. 23, 2015
 Shenzhen TCD Testing Technology Co., LTD.
 Tel: 0755-2976 8321 Fax: 0755-2976 1725
 #1 Jianzhong Building, Gaoxin 1 Road, Xixiang Street, Baoan District, Shenzhen Guangdong, China

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Relay: LB-FS400-W200, 200W, AC 100-240V, 50/60Hz

Test Standard: EN 60331:2004
 EN 62483:2010
 EN 60584:1:2008+A11:2008

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

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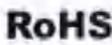
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Relay: LB-FS400-W200, 250W, AC 100-240V, 50/60Hz

Test Standard: EPA 3050B:1994, EN1122:2001
 EPA 2002:1996, EPA 260A:1996
 EPA 7190A:1992, EPA 3540C:1996, EPA4270:2007
 IEC 62321:2008

This is to certify that, on the basis of the tests undertaken as per Report No. TCD201503210309H-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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Relay: LB-FS400-W200, 200W, AC 100-240V, 50/60Hz

Test Standard: IEC 60528:1991A1:2000

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5. APPLICATION SCENE

General application:warehouse, factory, machine, landscape, advertising lighting, etc.



6. CONTACT US

mobile/wechat/whatsapp/skype(same number)

+86 13316916698