



**Lighting Best International Ltd.**

**Product specification**



**Model No.:LB-F200-WAAA**

**Product name:**

**30-60W LED flood light**

# 1.MAIN PICTURE



**standard version**



**with PIR and daylight sensor**

## 2. PRODUCT FEATURE

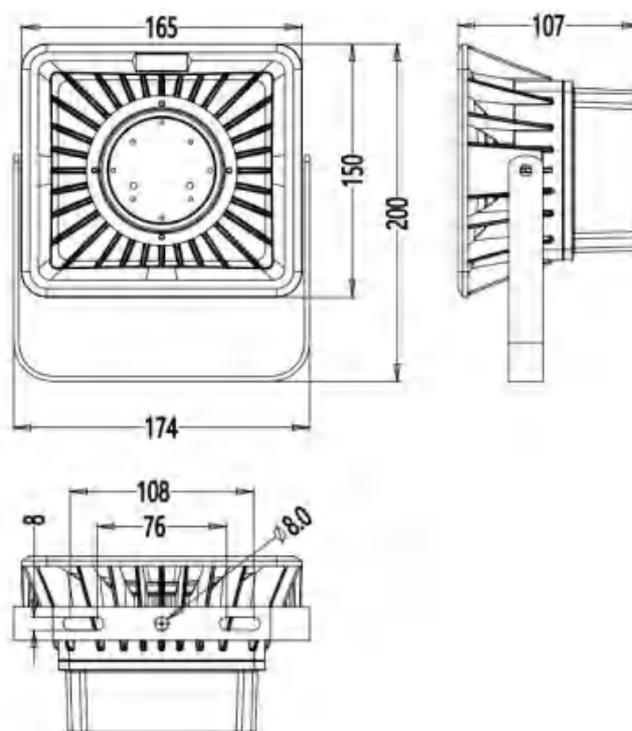
1. High-quality die-cast aluminum shell, product hollowed-out design, excellent heat transfer and dissipation effect, the product light decay is very small; it is solid, durable and long lifetime;
2. Optical toughened glass lens, dust-proof, corrosion-proof, anti-oxidation, weather resistance, strong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



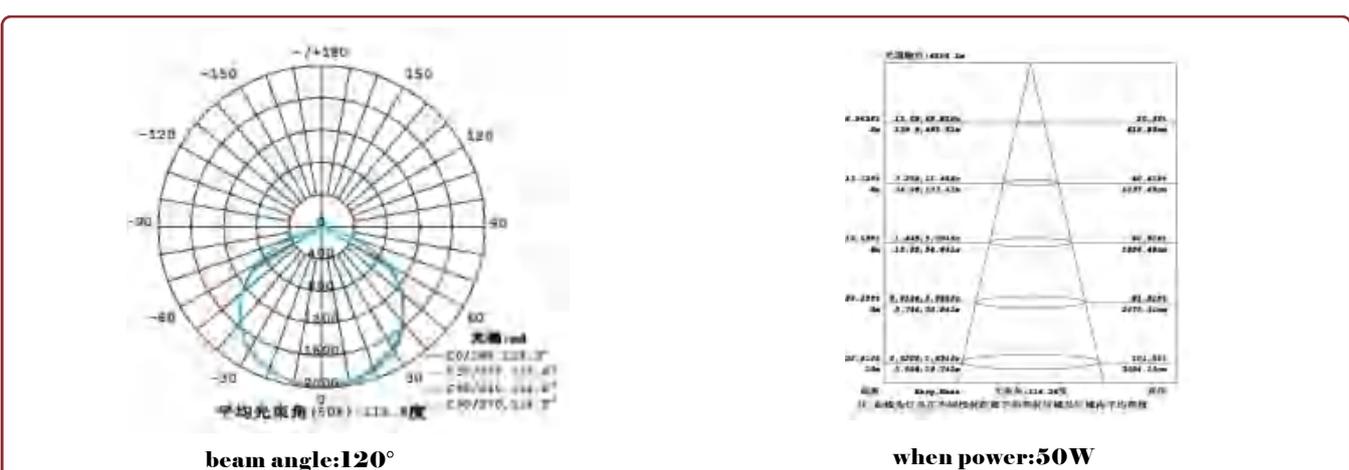
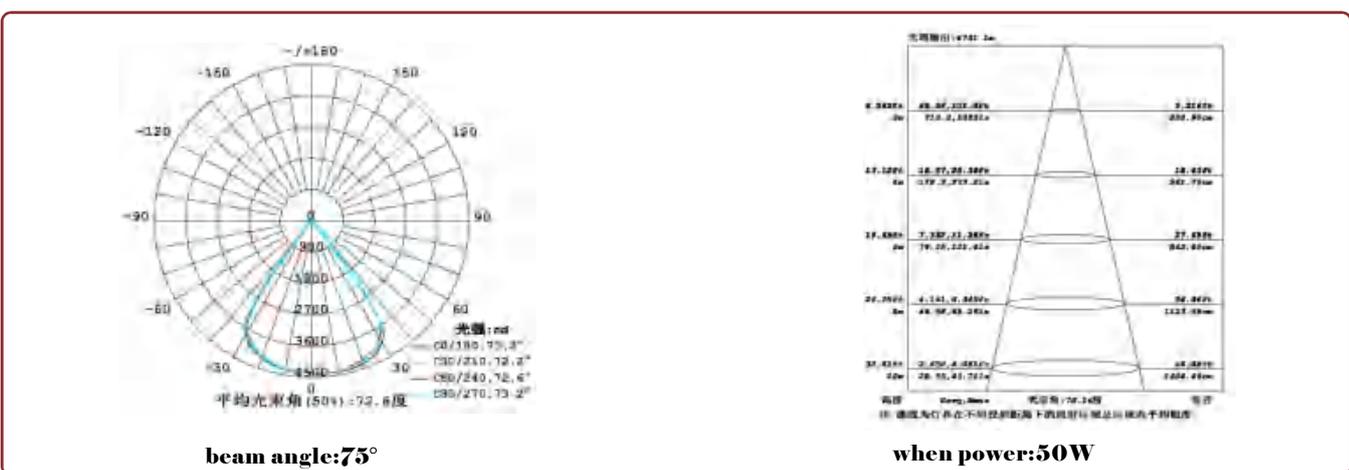
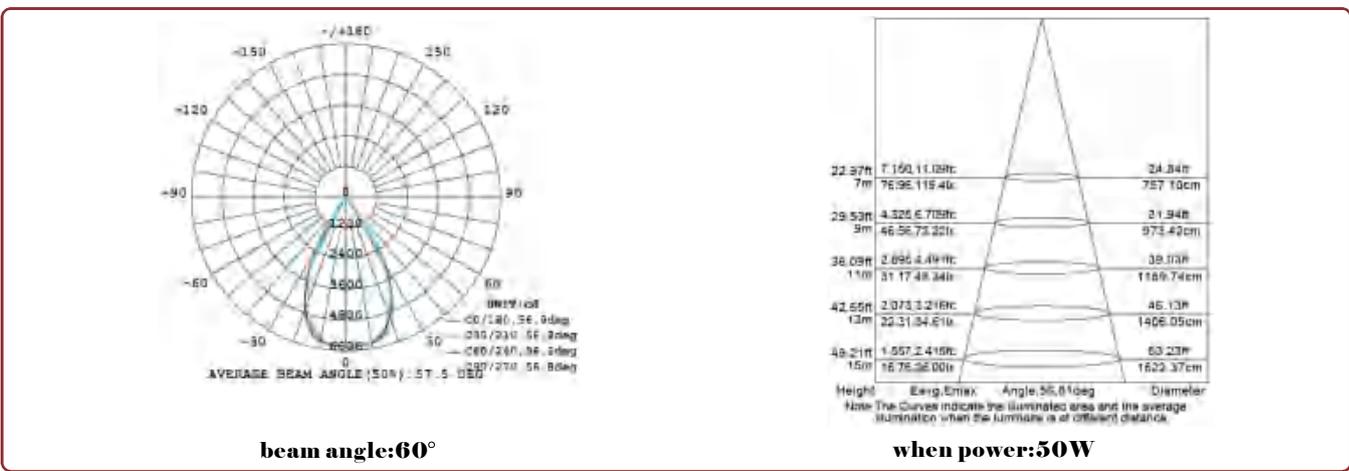
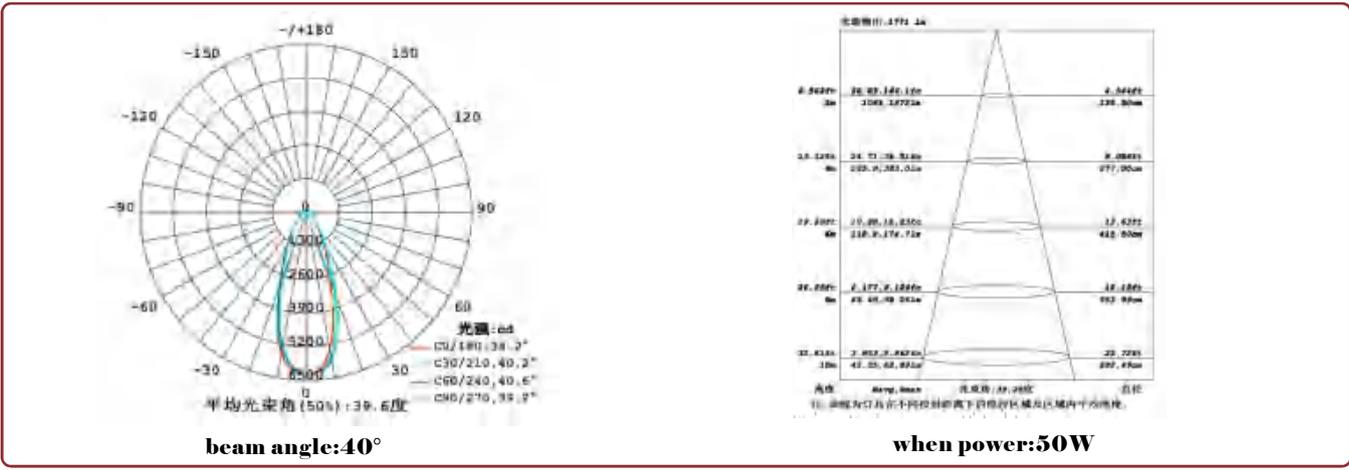
## 3. QUICK DETAILS

Keyword:	LED flood Light	Working Temperature(°C):	35 ~ 60
Model Number:	LB-FS200-WAAA	storage temperature	-30°C ~ +50°C
power range	30 - 60W	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	flip chip COB	Brand Name:	lightingbest or customize
LED Chip Brand:	cree/bridgelux/citizen/SanAn/others	Application:	warehouse, factory, machine, landscape, advertising lighting
Luminous Efficiency(lm/w):	max130LM/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:	sosun/lightingbest/others
Input Voltage(V):	AC100 ~ 277V/50/60HZ	certificate	CE, Rohs, UL
packing size	210x155x250mm	N.W./G.W.	1.5/1.9 (kg)

## 4. 1 PRODUCT DIEMENSION



# 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](http://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 on 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/contactus](http://www.ul.com/contactus).



# 4.11 CE, ROHS & IP65 CERTIFICATE

**TCD**

## Certificate of Compliance

REPORT NO: TCD201503210309F-1  
 CERTIFICATE NO: TCD201503210309F-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-F5115-W010, LB-F5115-W020, LB-F5225-W020, LB-FM200-W010, LB-F5200-W040, LB-F5300-W010, LB-F5300-W020, LB-F5300-W030, LB-F5300-W040, LB-F5400-W120, LB-F5400-W150, LB-F5400-W180, LB-F5400-W210, LB-F5400-W240, LB-F5400-W270, LB-F5400-W300, LB-F5400-W330, LB-F5400-W360, LB-F5400-W390, LB-F5400-W420, LB-F5400-W450, LB-F5400-W480, LB-F5400-W510, LB-F5400-W540, LB-F5400-W570, LB-F5400-W600, LB-F5400-W630, LB-F5400-W660, LB-F5400-W690, LB-F5400-W720, LB-F5400-W750, LB-F5400-W780, LB-F5400-W810, LB-F5400-W840, LB-F5400-W870, LB-F5400-W900, LB-F5400-W930, LB-F5400-W960, LB-F5400-W990, LB-F5400-W1020, LB-F5400-W1050, LB-F5400-W1080, LB-F5400-W1110, LB-F5400-W1140, LB-F5400-W1170, LB-F5400-W1200, LB-F5400-W1230, LB-F5400-W1260, LB-F5400-W1290, LB-F5400-W1320, LB-F5400-W1350, LB-F5400-W1380, LB-F5400-W1410, LB-F5400-W1440, LB-F5400-W1470, LB-F5400-W1500, LB-F5400-W1530, LB-F5400-W1560, LB-F5400-W1590, LB-F5400-W1620, LB-F5400-W1650, LB-F5400-W1680, LB-F5400-W1710, LB-F5400-W1740, LB-F5400-W1770, LB-F5400-W1800, LB-F5400-W1830, LB-F5400-W1860, LB-F5400-W1890, LB-F5400-W1920, LB-F5400-W1950, LB-F5400-W1980, LB-F5400-W2010, LB-F5400-W2040, LB-F5400-W2070, LB-F5400-W2100, LB-F5400-W2130, LB-F5400-W2160, LB-F5400-W2190, LB-F5400-W2220, LB-F5400-W2250, LB-F5400-W2280, LB-F5400-W2310, LB-F5400-W2340, LB-F5400-W2370, LB-F5400-W2400, LB-F5400-W2430, LB-F5400-W2460, LB-F5400-W2490, LB-F5400-W2520, LB-F5400-W2550, LB-F5400-W2580, LB-F5400-W2610, LB-F5400-W2640, LB-F5400-W2670, LB-F5400-W2700, LB-F5400-W2730, LB-F5400-W2760, LB-F5400-W2790, LB-F5400-W2820, LB-F5400-W2850, LB-F5400-W2880, LB-F5400-W2910, LB-F5400-W2940, LB-F5400-W2970, LB-F5400-W3000

**Relax:** LB-F5400-W200, 250W, AC 100-240V, 50/60Hz

**Test Standard:** EN 50115:2011  
 EN 50117:2009  
 EN 51063-3-2:2005+A1:2009+A2:2009  
 EN 51063-3-3:2011

The EUT described above has been tested by us with the listed standards and found to be compliant with the council LVD directive 2006/95/EC. 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: TCD201503210309F-1

Chief Engineer  
 Date of Issue: Mar. 23, 2015

**CE**

Lewis Li

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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## Certificate of Compliance

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**Manufacturer:** Lighting Best International Limited  
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**Model:** LB-F5115-W010, LB-F5115-W020, LB-F5225-W020, LB-FM200-W010, LB-F5200-W040, LB-F5300-W010, LB-F5300-W020, LB-F5300-W030, LB-F5300-W040, LB-F5400-W120, LB-F5400-W150, LB-F5400-W180, LB-F5400-W210, LB-F5400-W240, LB-F5400-W270, LB-F5400-W300, LB-F5400-W330, LB-F5400-W360, LB-F5400-W390, LB-F5400-W420, LB-F5400-W450, LB-F5400-W480, LB-F5400-W510, LB-F5400-W540, LB-F5400-W570, LB-F5400-W600, LB-F5400-W630, LB-F5400-W660, LB-F5400-W690, LB-F5400-W720, LB-F5400-W750, LB-F5400-W780, LB-F5400-W810, LB-F5400-W840, LB-F5400-W870, LB-F5400-W900, LB-F5400-W930, LB-F5400-W960, LB-F5400-W990, LB-F5400-W1020, LB-F5400-W1050, LB-F5400-W1080, LB-F5400-W1110, LB-F5400-W1140, LB-F5400-W1170, LB-F5400-W1200, LB-F5400-W1230, LB-F5400-W1260, LB-F5400-W1290, LB-F5400-W1320, LB-F5400-W1350, LB-F5400-W1380, LB-F5400-W1410, LB-F5400-W1440, LB-F5400-W1470, LB-F5400-W1500, LB-F5400-W1530, LB-F5400-W1560, LB-F5400-W1590, LB-F5400-W1620, LB-F5400-W1650, LB-F5400-W1680, LB-F5400-W1710, LB-F5400-W1740, LB-F5400-W1770, LB-F5400-W1800, LB-F5400-W1830, LB-F5400-W1860, LB-F5400-W1890, LB-F5400-W1920, LB-F5400-W1950, LB-F5400-W1980, LB-F5400-W2010, LB-F5400-W2040, LB-F5400-W2070, LB-F5400-W2100, LB-F5400-W2130, LB-F5400-W2160, LB-F5400-W2190, LB-F5400-W2220, LB-F5400-W2250, LB-F5400-W2280, LB-F5400-W2310, LB-F5400-W2340, LB-F5400-W2370, LB-F5400-W2400, LB-F5400-W2430, LB-F5400-W2460, LB-F5400-W2490, LB-F5400-W2520, LB-F5400-W2550, LB-F5400-W2580, LB-F5400-W2610, LB-F5400-W2640, LB-F5400-W2670, LB-F5400-W2700, LB-F5400-W2730, LB-F5400-W2760, LB-F5400-W2790, LB-F5400-W2820, LB-F5400-W2850, LB-F5400-W2880, LB-F5400-W2910, LB-F5400-W2940, LB-F5400-W2970, LB-F5400-W3000

**Relax:** LB-F5400-W200, 250W, AC 100-240V, 50/60Hz

**Test Standard:** EN 60335:2009  
 EN 62483:2010  
 EN 60598-1:2008+A11:2009

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**Relax:** LB-F5400-W200, 250W, AC 100-240V, 50/60Hz

**Test Standard:** EPA 3000B:1994, EN1122:2001  
 EPA 2002:1996, EPA 260A:1996  
 EPA 7190A:1992, EPA 3540C:1996, EPA4270:2007  
 REC 6321:2008

This is to certify that, on the basis of the tests undertaken as per Report No. TCD201503210309F-1, the submitted sample of the above item complies with:  
 And fulfill testing requirement of the ROHS directive 2011/65/EU

Chief Engineer  
 Date of Issue: Mar. 23, 2015

**RoHS**

Lewis Li

Shenzhen TCD Testing Technology Co., LTD.  
 Tel: 0755-2976 8321 Fax: 0755-2976 1725  
 #1 Jianzhong Building, Gaoxin 1 Road, Xixiang Street, Baoan District,  
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**Relax:** LB-F5400-W200, 250W, AC 100-240V, 50/60Hz

**Test Standard:** EN 60528:1991A1:2000

The EUT described above has been tested by us with the listed standards and found to be in compliance with the council LVD directive 2006/95/EC.

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: TCD201503210309F-1

Chief Engineer  
 Date of Issue: Mar. 23, 2015

**IP65**

Lewis Li

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 #1 Jianzhong Building, Gaoxin 1 Road, Xixiang Street, Baoan District,  
 Shenzhen Guangdong, China

## 5. APPLICATION SCENE

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



## 6. CONTACT US

mobile/wechat/whatsapp/skype(same number)

**+86 13316916698**