



Best Service of Testing  
since 2003


# Certificate of Compliance

**Certificate NO.** : BST13120815Y-1SC-2

**Applicant** : SHENZHEN KHJ SEMICONDUCTOR LIGHTING CO., LTD.  
4-5 Floor, Building 7, Huangbeilingjingxuan Industrial Park, No.2  
Dong Huan Rd, Yousong, Longhua Town, Bao'an District,  
Shenzhen, China

**Manufacturer** : SHENZHEN KHJ SEMICONDUCTOR LIGHTING CO., LTD.  
4-5 Floor, Building 7, Huangbeilingjingxuan Industrial Park, No.2  
Dong Huan Rd, Yousong, Longhua Town, Bao'an District,  
Shenzhen, China

**Product Name** : LED FLOOD LIGHT

**Trade Name** : 

**Main Test Model** : KPLB240H5V5CH

**Additional Model** : KPLB120SLCH(See Annex)

**Test Standard** : EN 60598-2-5:1998  
EN 60598-1:2008+A11:2009

**As shown in the  
Test Report No.** : BST13120815Y-1SR-2

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.



Christina  
Manager  
Jan. 15, 2014

**Shenzhen BST Technology Co., Ltd.**

Add: Building No.23-24, Zhiheng Industrial Park, Guankouer Road, Nantou, Nanshan District, Shenzhen, Guangdong, China

Certificate Search: <http://www.bst-lab.com>, Tel: 400-882-9628, 8009990305, E-mail: [christina@bst-lab.com](mailto:christina@bst-lab.com)





Best Service of Testing  
since 2003

**Annex to Certificate Number: BST13120815Y-1SC-2**

**Date: Jan. 04, 2014**

**M/N :** Model and Difference Description  
PolarBear Series LED Flood Light

**Model Description**

1. Product Name: LED Flood Light
2. Product Model: X - K PLB X X X X  
① ② ③ ④ ⑤ ⑥ ⑦

Letters of Model definition are defined as follows:

- ① = Luminous type, Ex stand for explosion-proof light, none stand for non-explosion - proof light.
- ② = Company Code.
- ③ = Series Name, Letter PLB is abbreviation for PolarBear stand for Frog series product.
- ④ = Power
- ⑤ = Rated Voltage: none stand for 100~277 VAC, "AL" stand for 90~180 VAC, "AH" stand for 180~277V AC, "E" stand for 100~130V AC, "F" stand for 220~240V AC.
- ⑥ = Luminous mode  
H1V1, H3V3, H4V4, H5V5, H6V6, FW, SL.

⑦= CCT:

WM: 2800~3300K

NH: 4700~5400K

CH: 6000~7100K

Such as:

Ex-KPLB80H1V1WM stand for:

Lighting is PolarBear series led explosion-flood light for KHJ brand, power is 80W, input voltage is 100~277VAC, luminous mode is H1V1, CCT is 2800K~3300K.

KPLB80H1V1CH stand for:

Lighting is PolarBear series led floodlight for KHJ brand, power is 80W, input voltage is 100~277VAC, luminous mode is H1V1, CCT is 6000K~7100K.



**Christina**  
**Manager**

**Jan. 04, 2014**

**Shenzhen BST Technology Co., Ltd.**

Add: Building No.23-24, Zhiheng Industrial Park, Guankouer Road, Nantou, Nanshan District, Shenzhen, Guangdong, China

Certificate Search: <http://www.bst-lab.com>, Tel: 400-882-9628, 8009990305, E-mail: [christina@bst-lab.com](mailto:christina@bst-lab.com)