

# TEST REPORT

The following tested product(s) were submitted and identified by the vendor as:

Applicant : Energyled Corporation  
 Address of Applicant : 6F., NO.542-4,Zhongzheng Rd., Xindian Dist.,New Taipei City 231, Taiwan (R.O.C)  
 Testing Laboratory : SGS Taiwan Ltd., Optics Laboratory  
 Laboratory Address : No. 33, Wu Chyuan Road, New Taipei Industrial Park, Wu Ku District, New Taipei City 24886, Taiwan (R.O.C.)  
 Product Name : High Bay Light  
 Model / Serial Number : BA0PCHHWW0409  
 Series model refer to Annex A: Series model list  
 Manufacturer : LEDTECH CHINA FACTORY(china)  
 Test Standard/Method : According to Client's Methods (Impact Test)  
 Date of Issue : Jan. 14, 2019

- ◆ The test results are solely accountable for the testing samples.
- ◆ All reported contents shall not be used for advertising, publication, marketing strategies and legal proceedings.
- ◆ Excerpts taken from the report will not be valid unless otherwise stated in the laboratory agreement.

Test Results : -PLEASE SEE ATTACHED SHEETS-

**Signed for and on behalf of  
 SGS TAIWAN Ltd.**



Calvin Tzou  
 Technical Manager

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## 1 DATE OF RECEIPT OF TEST ITEM

Dec. 19, 2018

## 2 DATE(S) OF PERFORMANCE OF THE TEST

Jan. 09, 2019

## 3 IDENTITY OF SAMPLES

Quantity	Model	Serial Number
1	BA0PCHHWW0409	# 1

## 4 TEST ITEMS

### 4.1 Impact Test

According to Client's Methods and implemented referring to IK07 of IEC 62262: 2002 Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code).

## 5 TEST CONDITIONS

### Main Test Equipment:

Name	Brand	Model	S/N
Impact Tester	Self-Made	SGS-ETR-190930	ETR000011

### Environmental Conditions:

Ambient temperature: (25 ± 3) °C  
 Relative humidity: (55 ± 20) %RH

### DUT Conditions:

IK code: IK07  
 Impact Energy: 2 Joule  
 Mass: 500 g  
 Impact Height: 400 mm  
 Test Position: Position 1 (see 7 test photo)  
 No. of Impact: 3 impacts / position

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## 6 TEST RESULTS

### 6.1 Impact Test

S/N	IK Code	Test Position	No. of Impact	Appearance Check
# 1	IK07	Position 1 (see 7 test photo)	3 times	No visible damage

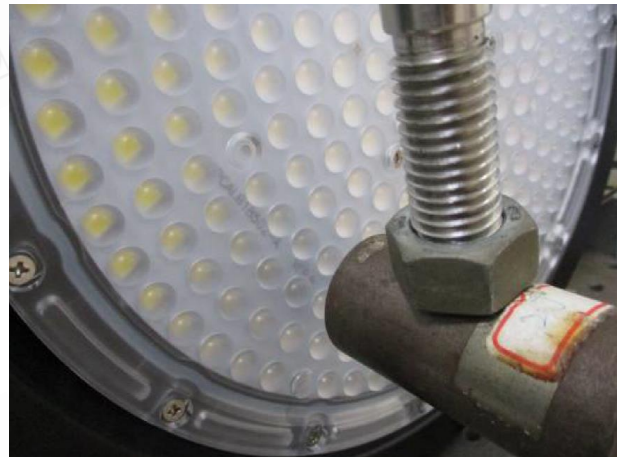
## 7 TEST PHOTO



Test Position



Impact Test



Impact Test

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## 8 PHOTO



DUT Front View



DUT

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**Annex A: Series model list**

The following product models are declared by the customer. The products manufactured by the same materials and common processes, the series models have the same appearance, structure, materials and components are consistent with the test sample.

Model No. :

Test Model	Series Models	
BA0PCHHWW0409	BA0PWHHWW0409	BA0PWHHWW0411
	BA0PTHHWW0409	BA0PTHHWW0411
	BA0PDHWW0409	BA0PDHWW0411
	--	BA0PCHHWW0411
	BA0NWHHWW0409	BA0NWHHWW0411
	BA0NTHHWW0409	BA0NTHHWW0411
	BA0NDHWW0409	BA0NDHWW0411
	BA0NCHHWW0409	BA0NCHHWW0411
	BA90WHHWW0409	BA90WHHWW0411
	BA90THHWW0409	BA90THHWW0411
	BA90DHWW0409	BA90DHWW0411
	BA90CHHWW0409	BA90CHHWW0411
	BA0PWHHWW2409	BA0PWHHWW2411
	BA0PTHHWW2409	BA0PTHHWW2411
	BA0PDHWW2409	BA0PDHWW2411
	BA0PCHHWW2409	BA0PCHHWW2411
	BA0NWHHWW2409	BA0NWHHWW2411
	BA0NTHHWW2409	BA0NTHHWW2411
	BA0NDHWW2409	BA0NDHWW2411
	BA0NCHHWW2409	BA0NCHHWW2411
	BA90WHHWW2409	BA90WHHWW2411
	BA90THHWW2409	BA90THHWW2411
	BA90DHWW2409	BA90DHWW2411
	BA90CHHWW2409	BA90CHHWW2411

**Universal character meaning:**

Character Number	Meaning	Possible code
3 <sup>rd</sup> to 4 <sup>th</sup>	Power Consumption	90=90W, 0N=140W, 0P=220W
5 <sup>th</sup>	Color temperature	W=3000K, T=4000K, D=5700K, C=6500K
10 <sup>th</sup>	Lens Angle	0=80°, 2=150°
12 <sup>th</sup> to 13 <sup>th</sup>	Bracket	09= non rotatable, 11= rotatable
Other	LED Driver	Model for 90 W use: MEAN WELL HLG-100H-48A Model for 140 W use: MEAN WELL HLG-160H-48A Model for 220 W use: MEAN WELL HLG-240H-48A

**- End of Report -**

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