

# Test Report

Product Name : EDISON STRING LIGHT  
Applicant : Barebones Systems,LLC  
Report No. : EM180528015RE

Testing Laboratory Name : EMTEK (Shenzhen) Co., Ltd  
Address : No.11 Gaoxin Road, Guangming New District, Shenzhen,  
Guangdong

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**Applicant** : Barebones Systems,LLC  
**Address** : 1215 East Wilmington Avenue – Ste. 140 Salt Lake City, UT 84106  
**Product** : EDISON STRING LIGHT  
**Model** : LIV-265  
**Material** : /  
**Quantity** : 1 pc  
**Date of receipt of test item** : May. 30, 2018  
**Testing Period** : May. 31, 2018

## Summary of testing

No.	Test Item	Standard	Conclusion
1	IPX4	IEC 60598-1:2017	Pass
Remark: Pass: Test item meet the requirement; Fail: Test item does not meet the requirement; N/A: Test case does not apply to the test object, or provide test results only.			

Tested by: Kell. Zhu  
 Kell. Zhu  
 Testing engineer

Reviewed by: Zuo Luo  
 Zuo Luo  
 Audit director

Signed for and on behalf of  
 EMTEK (Shenzhen) Co., Ltd.

Approved by: Lewis Lian  
 Lewis. Lian  
 Authorized signatory  
 Jun. 01, 2018

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**1. Test Item:** IPX4**1.1 Sample No.:** EM180528015R-1-1**1.2 Test Instrument:**

Instrument Name	Model	Internal Code	Calibration Exp.
Waterproof test chamber	KXT1317	ER-017	2019.02.08
AC/DC Withstanding voltage/ insulation resistance tester	KIKUSUI	ER-171	2019.04.18

**1.3 Laboratory Conditions:** Temperature: 26.1℃; Humidity: 57%RH**1.4 Test Standard:** IEC 60598-1:2017**1.5 Test Method and Conditions:**

The sample is energized to a stable operating temperature, start the test:

Oscillating tube radius: 400mm

Number of open holes: 25

Pinhole diameter: 0.4mm

Spray angle:  $\pm 180^\circ$  from vertical

Total water flow: 1.75L/min

Duration of test: Light up 10 min, turn off 10 min.

The withstand voltage test is performed immediately after the test is completed:

Voltage: DC 500V

Test location: between input and shell

Duration of test: 1 min

**1.6 Evaluation Criteria:**

The insulation withstand voltage test pass. Allow a small amount of water to enter the interior of the sample, but not accumulate, can't enter the live parts.

**1.7 Test Result(s):**

Sample No.	Test Result	Judgment
EM180528015R-1-1	The insulation withstand voltage test pass. Disassemble and check the sample, a small amount of water entered the interior of the sample, did not enter into the live parts.	Pass

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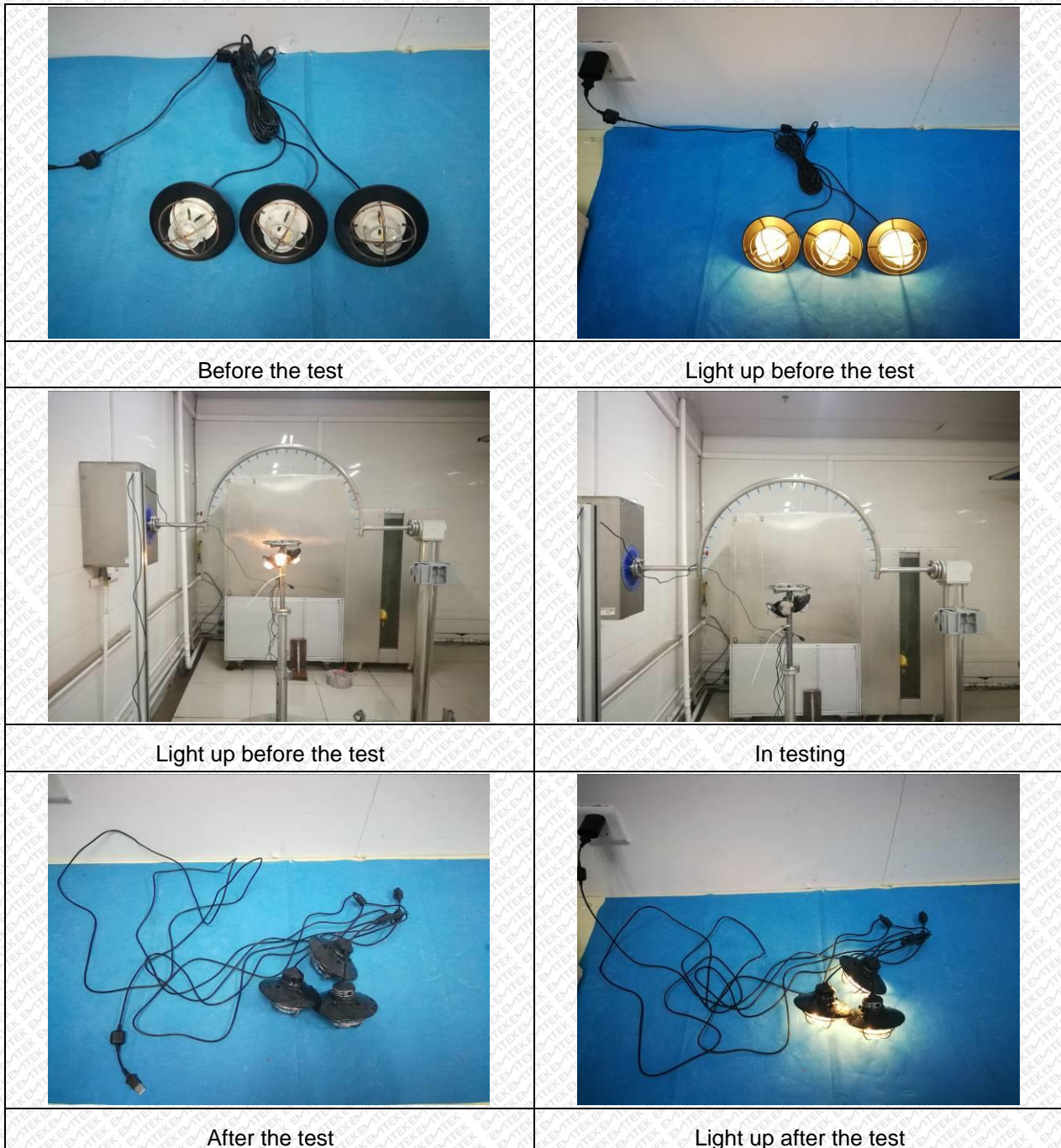
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## 1.8 Test Photos



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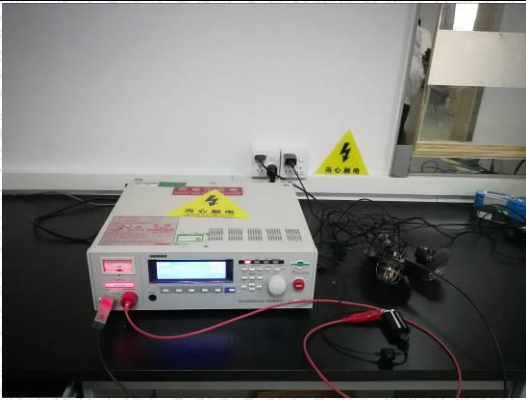


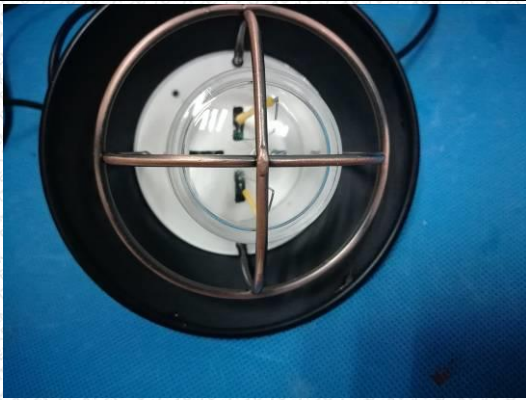
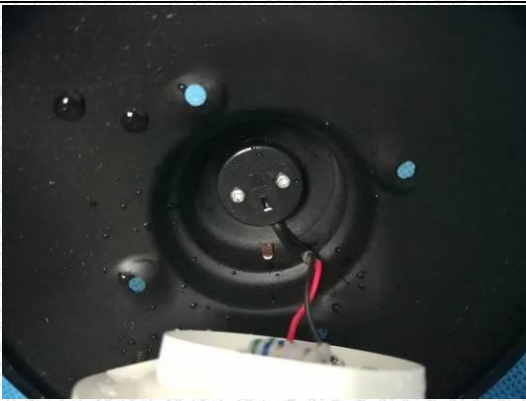

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## Test Photos

	
Withstand voltage	Check after the test
	
Check after the test	Check after the test
	
Check after the test	Check after the test

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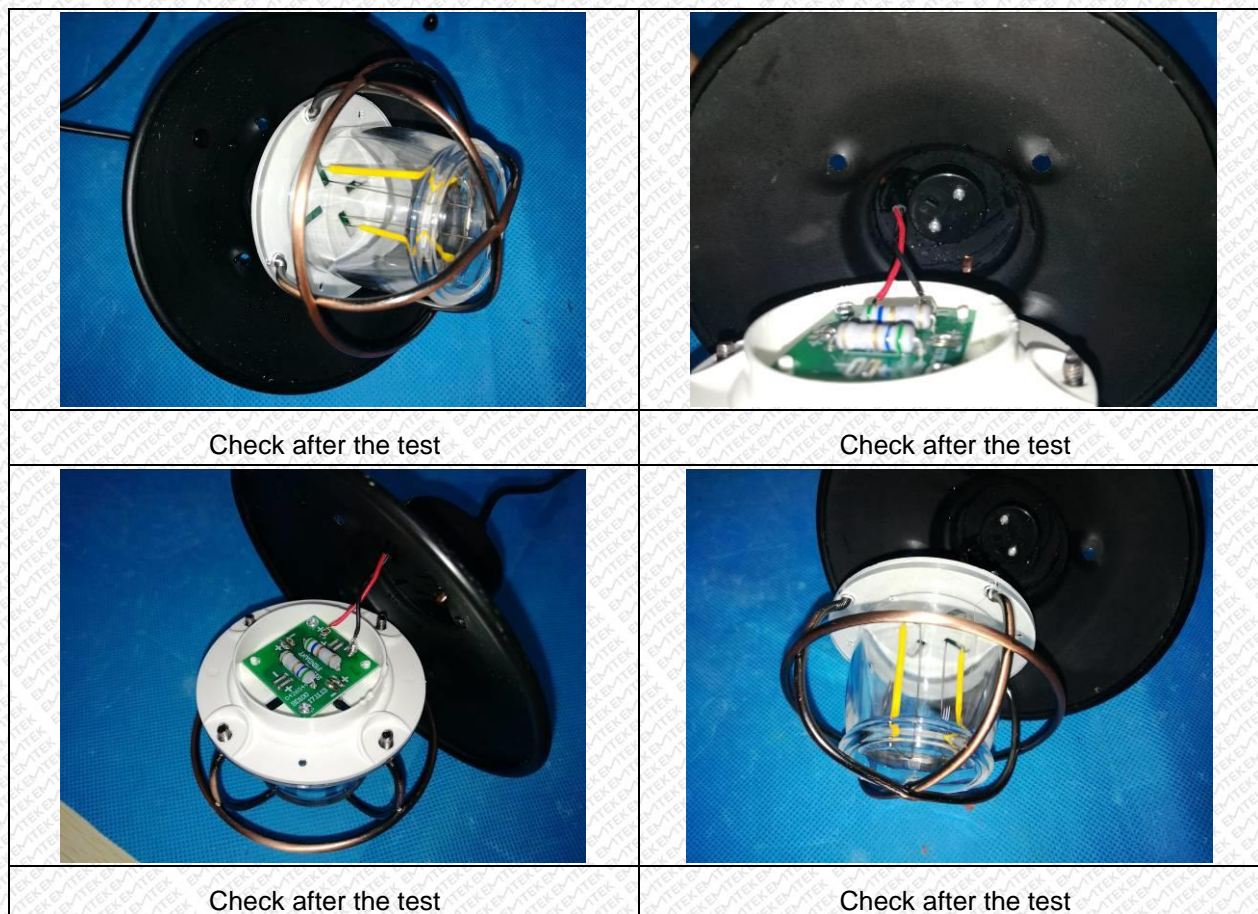
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## Test Photos



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\*\*\* End of Report \*\*\*

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