



Test Report

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Applicant : WE Lighting Limited

Address : ROOM 2201,22/F,CEO TOWER,77WING HONG STREET,LAI CHI
KOK,HK

Name of sample : LED STRIP LIGHT

Receiving Date : November 25, 2020

Test Date : November 25, 2020

Test Address : No. 47-3, Industrial Road, Zhushan, Dalong Street, Panyu
District, Guangzhou, Guangdong, China

Test Method(s) : See the Conclusion section

Testing Item(s) : IP67

Decision Basis : See the Conclusion section

Conclusion : Pass

Signed for and on behalf of
Shenzhen United Testing Technology Co.,Ltd

LiuZe

Approved Signatory

Dec. 15, 2020

Issue Date



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1、 Conclusion

The sample(s) was/were detected and according to the results, the conclusion are as follows:

Test Item(s)		Testing Standard(s)	Decision Basis	Conclusion
Article	Name			
3	IP67	EN 60529:1991+A1:2000+A2: 2013	EN 60529:1991+A1:2000+A2: 2013	Pass

2、 Sample information(s)

The following information of sample(s) was/were submitted and identified by applicant:

Product Model : LT-1515,LT-0612

Material : Silicon

Supplier : LIGHTSTEC

Sample Description : DC24V IP67 STRIP LIGHT

Sample Quantity : 2 Pcs

Manufacturer : LIGHTSTEC CO.,LIMITED
1#901,Meicheng Creative Industrial
Park,XiaoLan,Zhongshan, Guangdong, China

Trade Name : LIGHTSTEC

Model difference description table:

Main test model	Additional model
LT-1515, LT-0612	LT-3528W60R-W12,LT-3528W120R-W12,LT-3528W240R-W12, LT-3528W60R-W24,LT-3528W120R-W24,LT-3528W240R-W24, LT-5050W30R-W12,LT-5050W60R-W12,LT-5050W120R-W12, LT-5050W30R-W24,LT-5050W60R-W24,LT-5050W120R-W24, LT-2835W60R-W12,LT-2835W120R-W12,LT-2835W192R-W12, LT-2835W60R-W24,LT-2835W120R-W24,LT-2835W192R-W24, LT-3014W60R-W12,LT-3014W120R-W12,LT-3014W60R-W24, LT-3014W120R-W24,LT-3014W238R-W24,LT-3014W240R-W24, LT-335W60R-W12,LT-335W120R-W12,LT-335W60R-W24, LT-335W120R-W24,LT-2835S60R-W12,LT-2216W300R-W24, LT-2835W240R-W24,LT-0612,LT-1010,LT-1515,LT-1220, " W " is the led color red/yellow/blue/green/white/nature/white/warm white/ RGB/RGBW/RGB CCT

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3、 Test Item: IP67

3.1 Sample number: 1#~2#

3.2 Test equipment:

Name of device	Model	Calibration Effective Deadline
Rain test device.	OJN-IP1-7	01/12/2021
Dust test chamber	OJN-9608	01/12/2021
Test tool D probe	ZLTI04	01/12/2021

3.3 Laboratory temperature and humidity: temperature: 23±5°C; humidity: 50±10%RH

3.4 Test standard(s): EN 60529:1991+A1:2000+A2: 2013

3.5 Test conditions:

IP6X:

Use the Φ 1mm access probe to detect the opening, with the force of 1N.

The sample was placed in the test chamber, the amount of talcum powder to be used is 2kg per cubic meter of the test chamber volume. During the test, the sample was kept in a vacuum state with a maximum depression of 2kPa, the extraction rate is less than 40volumesper hour. The test is continued a period of 8h.

IPX7:

The test sample is completely immersed in water with water depth of 1 m.

Test time: 30 minutes.

3.6 Decision Basis:

IP6X:

The test probe cannot puncture any openings or gaps in the sample;The protection is satisfactory if no deposit of dust is observable inside the enclosure at the end of the test.

IPX7:

1. In general, if any water has entered, it shall not:be sufficient to interfere with the correct operation of the equipment or impair safety;deposit on insulation parts where it could lead to tracking along the creepage distances: reach live parts or windings not designed to operate when wet;accumulate near the cable end or enter the cable if any;

2. If the enclosure is provided with drain-holes, it should be proved by inspection that any water which enters does not accumulate and that it drains away without doing any harm to the equipment;

For enclosures without drain-holes, the relevant product standard shall specify the acceptance conditions if water can accumulate to reach live parts.

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3.7 Test result(s):

Sample No.	Test Item	Model	Test result(s)	Conclusion
1#	IP6X	LT-0612	The diameter of the test tool can not pass any opening; after testing, there is no dust inside the sample shell.	Pass
2#	IPX7	LT-1515	After the test, there is no water in the sample shell.	Pass

3.8 Test Photos

<p>Before the test-IP6X</p>	<p>In testing-IP6X</p>
<p>In testing-IP6X</p>	<p>After the test-IP6X</p>
<p>Before the test-IPX7</p>	<p>In testing-IPX7</p>

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	<p style="text-align: center;">/</p>
<p style="text-align: center;">After the test-IPX7</p>	<p style="text-align: center;">/</p>

Sample pictures are only used to inform the applicant that the samples received and tested in our laboratory are shown in the picture, and do not prove the appearance and quality of the applicant 's products.

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

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