

TEST REPORT

Client : Acclaim Lighting LLC

Address : 6122 S. Eastern Ave., LOS ANGELES, CA 90040, USA

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client:

Sample Name : Low Power LED

Sample Type : AL-DOT

Sample Quantity : 3pcs

Sample Received Date : Feb. 25, 2016

Sample tested Date : Feb. 25, 2016~ Mar. 3, 2016

Tested by Echo Zhao
Echo Zhao(Zhao Jiangyong) Mar. 18, 2016

Reviewed by David Wan
David Wan(Wan Deji) Mar. 18, 2016

Approved by Solger Zhang
Solger Zhang(Zhang Hongyi)
Authorized Officer Mar. 18, 2016

Attestation of Global Compliance (Shenzhen) Co., Ltd.

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Test requirement:

Test sequence	Test item
1	IP6X
2	IPX6

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TEST REPORT

Test Item: IP6X test

1) Environment conditions:

Temperature: 21 °C Humidity: 51%RH

2) Tested Sample:

Sample No.	Sample Name	Sample Type	Sample Quantity
001~003	Low Power LED	AL-DOT	3pcs

3) Reference Basis: IEC 60598

4) Test Condition:

1. Dangerous parts protection test:

- 1) The Test prober of 1 mm diameter is pushed against any opening of the sample with force of 1 N.

2. Solid foreign body protection test:

- 1) Set the samples in the dust chamber, the pressure inside the enclosure is maintained below the surrounding atmospheric pressure by a vacuum pump (Pump speed: 6mL/min, less than 40 times of the shell volume per hour; the differential pressure between the containment and the atmosphere ≤ 2 kPa)
- 2) Dust content of Dust Tester: 2 kg/m³.

5) Test Equipment:

Sequence	Equipment Name	Serial No.	Valid Date to
1	Dust Tester	AGC-RE-E018	Jan. 20, 2017

6) Test Results:

After the test, no dust entered into the sample by visual observation, the sample passed the IP6X test.

Sample Photo before the Test:



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Sample Photo during the Test:



Sample Photo after the Test:



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TEST REPORT

Test Item: IPX6 test

1) Environment conditions:

Temperature: 21 °C Humidity: 51%RH

2) Tested Sample:

Sample No.	Sample Name	Sample Type	Sample Quantity
001~003	Low Power LED	AL-DOT	3pcs

3) Reference Basis: IEC 60598

4) Test Condition:

3. The rotation speed of the turntable: 1rpm,
4. Diameter of the nozzle: 12.5mm,
5. Water flow rate: 100L/min,
6. Distance from sample surface to nozzle: 2.5m~3m,
7. Test duration: 3min.

5) Test Equipment:

Sequence	Equipment Name	Serial No.	Valid Date to
1	Waterproof test system	AGC-RE-E020	Jan. 20, 2017

6) Test Results:

After the test when judged by visual observation, no water entered the live parts sample, the sample pass the IPX6 test.

Sample Photo before the Test:



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TEST REPORT

Sample Photo during the Test:



Sample Photo after the Test:



*** End of Report ***

Testing laboratory address: 1F., Building C West, Qinyu Industrial Park, Nanchang Community, Baoan Road, Xixiang Street, Baoan District, Shenzhen, China.

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