



IP66 TEST REPORT

For

LED Tri-Proof Light

Model No.: FLT-TP-20L6, FLT-30L12, FLT-TP-40L12, FLT-TP-30L15,
FLT-TP-40L15, FLT-TP-50L15, FLT-TP-60L15

Applicant : Fulton Science and Technology Lighting Co., Ltd
7F, Building 17, Area C, Liantang Industrial Town, Shangcun
Community, Gongming, Guangming New District, Shenzhen,
Guangdong Province, China

Manufacturer : Fulton Science and Technology Lighting Co., Ltd
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Community, Gongming, Guangming New District, Shenzhen,
Guangdong Province, China

Issued By : Shenzhen An-Teng Testing Service Co., Ltd.
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Report Number : ATT1706150177IP

Issued Date : June 15, 2017 to June 20, 2017

Date of Report : June 20, 2017

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Shenzhen An-Teng Testing Service Co., Ltd
Report No.: ATT1706150177IP

| | |
|------------------------------|--|
| Report reference No. | ATT1706150177IP |
| Testing laboratory | Shenzhen An-Teng Testing Service Co., Ltd. |
| Location..... | Room 715-722, Huafeng Yu'An Business Building, Yu'An 1st Load, Bao'an District, Shenzhen, Guangdong, China. |
| Manufacturer..... | Fulton Science and Technology Lighting Co., Ltd |
| Address:..... | 7F, Building 17, Area C, Liantang Industrial Town, Shangcun Community, Gongming, Guangming New District, Shenzhen, Guangdong Province, China |
| Standards..... | EN 60529:1991+A1:2000+A2:2013 |
| Trademark | Fulton |
| Type of test equipment | LED Tri-Proof Light |
| Model/Type designation..... | FLT-TP-20L6, FLT-30L12, FLT-TP-40L12, FLT-TP-30L15, FLT-TP-40L15, FLT-TP-50L15, FLT-TP-60L15 |
| Total pages | 5 pages |

Test by

winnie wang

Winnie Wang
Engineer
June 15, 2017

Reviewed by


Joseph Yang
Manager
June 20, 2017

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Test Requested(As requested by the client, please see following sheets in detail.)

| Test Sequence | Test Item |
|---------------|-----------|
| 1 | IP6X |
| 2 | IPX6 |

Tested Sample:

| Sample No. | Sample Name | Model/type | Quantity |
|------------|---------------------|--------------|----------|
| 001 | LED Tri-Proof Light | FLT-TP-40L12 | 1pcs |

Sample Photo before the Test:



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Test Item 1: IP6X

(1) Test Equipment:

(2) Environmental Conditions:

| Name | Model/type | Serial No. | Valid Date to |
|-------------|------------|-----------------|----------------|
| Probe | φ1mm | ATTEELSZ20057-2 | April 10, 2018 |
| Dust Tester | SC-1000 | BTTEELSZ20009 | April 10, 2018 |

Temperature: 24°C Humidity: 50%RH

(3) Reference Standard: EN 60529:1991+A1:2000+A2:2013

(4) Tested Sample: 001

(5) Test Condition:

The test performed in accordance to the criteria listed above, and under the conditions as below:

---The probe of 1 mm diameter is pushed against any opening of the sample with force of 1N

---Set the samples in the dust test chamber

---The talcum powder to be used is 2 kg/m³ of the test chamber volume

---The pressure inside the enclosure is maintained below the surrounding atmospheric pressure by a vacuum pump

---Test duration: remain the sample in the test chamber for 8 hours

Test Result: The probe can't penetrate into any opening of the sample, there was no dust entered into the sample, sample passed the IP6X test.

Sample Photo after the Test :



Test Item 2: IPX6

- (1) Test Equipment:
(2) Environmental Conditions:

| Name | Valid date to |
|-----------------|----------------|
| Immer sion tank | April 10, 2018 |

Temperature: 24℃ Humidity: 50%RH

(3) Reference Standard: EN 60529:1991+A1:2000+A2:2013

(4) Tested Sample: 001

(5) Test Condition:

The test performed in accordance to the criteria listed above, and under the conditions as below:

- internal diameter of the nozzle: 12.5mm.
- delivery rate: 100 l/min+/- 5%
- water pressure: to be adusted to achieve the specified delivery rate.
- core of the substantial stream:circle of approximately 120 mm diameter at 2.5 m distance from nozzle;
- test duration per square metre of enclosure surface area likely to be sprayed: 1 min;
- minimum test duration: 3 min
- distance from nozzle to enclosure surface: between 2.5m and 3m.

Test results: After the test, there was no water entered into the sample, sample passed the IPX6 test.
Sample Photo after the Test:



*** End of report ***

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