

TEST REPORT

| | |
|-----------------|--|
| Client Name | Suzhou Radiant Lighting Technology Co., Ltd |
| Name of product | LED Fire Rated Downlight |
| Manufacturer | Suzhou Radiant Lighting Technology Co., Ltd |
| Model | 5RS015-1、5RS015-2、5RS015-3、5RS015-4、5RS015-5 |
| Test Sort | Commission Test |



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Test Result

| No. | Test Item | number | Test Requirement | Test Result |
|-----|-----------|--------|------------------|-------------|
| 1 | IPX5 | 1# | See test items 1 | Pass |
| 2 | IP6Y | 2# | See test items 2 | Pass |



Test Result

Test items 1: IPX5 Test

Environmental conditions:

Temperature: 15-35 °C, Humidity: 30-60 %RH.

Reference documents:

GB 4208-2008/IEC60529:2001 and Client's requirement

Test arrangement:

In strict accordance with the experimental requirements of the layout.

Sample state:

Sample in good condition before test.

Test conditions:

The samples were stored under 2.5-3meter of water cofferdam, duration time :3Minute
Specimen Status: Don't work.

Determine requirements:

After test, check Lamp holder no water found in the sample

Test conclusion:

Pass.



Test Result

Test items 2: IP6Y Test

Environmental conditions:

Temperature: 10-35 °C, Humidity: 30-60 %RH.

Reference documents:

GB 4208-2008/IEC60529:2001 and Client's requirement

Test arrangement:

In strict accordance with the experimental requirements of the layout.

Sample state:

Sample in good condition before test.

Test conditions:

The talcum powder used should be able to pass through a Square-meshed sieve the nominal wire diameter of which is 50um and the nominal width of a gap between wires 75um. The amount of talcum powder to be used is 2kg per cubic meter of the test chamber volume. It shall not have been used for more than 20 tests.

Duration time: 8 hours.

Specimen Status: Don't work

Determine requirements:

After test, check the Lamp holder no dust found in the sample

Test conclusion:

Pass

Sample Photos

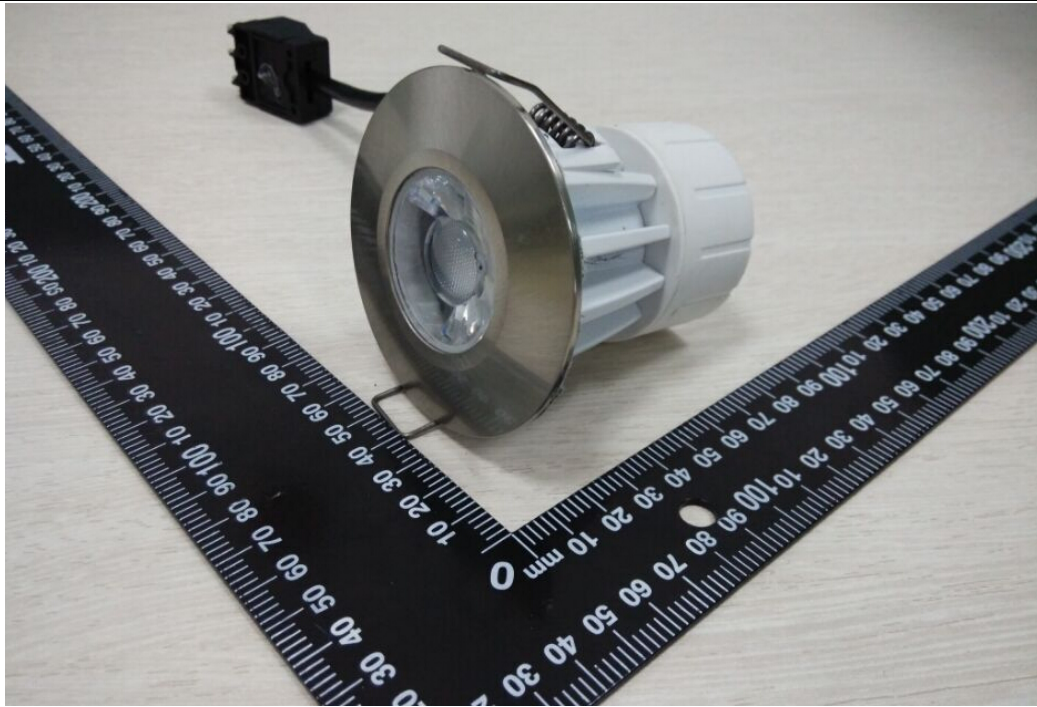


Photo 1



Photo 2

Sample Photos



Photo 3 IP6Y Test

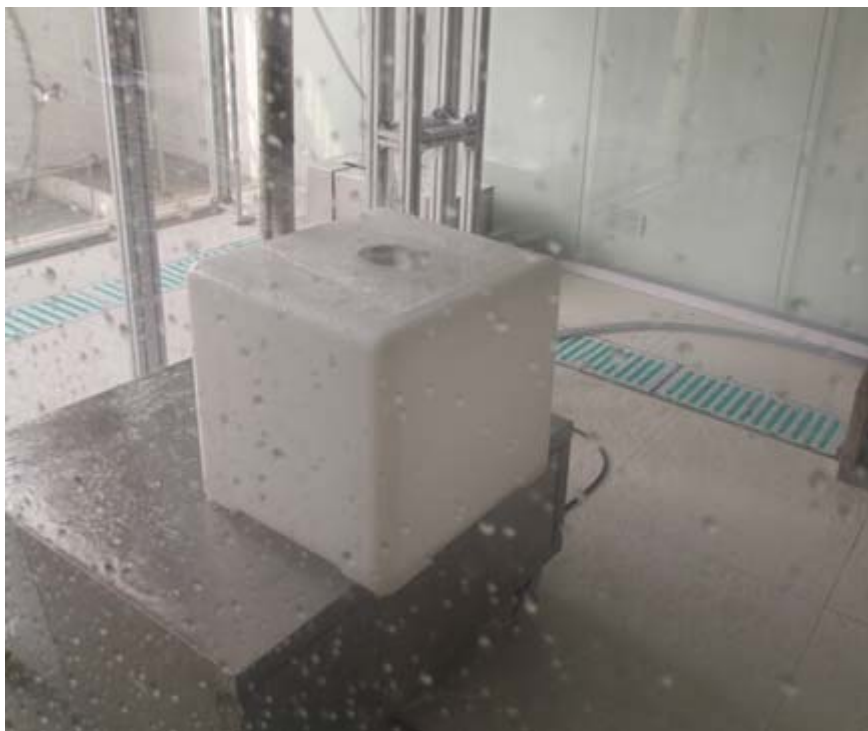


Photo 4 IPX5 Test



TESTING INSTRUMENTS

| No. | Description | Model No. | Serial No. | Cal. Due to |
|-----|-----------------------|-----------|-------------|-------------|
| 1 | Diving Experiment Box | X8 | FS-L-EQ-015 | 2016/06/05 |
| 2 | Dust-proof Box | SC-800 | FS-L-EQ-014 | 2015/11/11 |



STATEMENT

1. **The test report is invalid without stamp of laboratory.**
2. **The test report is invalid without signature of person(s) testing and authorizing.**
3. **The test report is invalid if erased and corrected.**
4. **Test results of the report is valid to the test samples if sampling by client.**
5. **“☆” item to be outside the scope of authorized by CNAS.**
6. **The test report shall not be reproduced except in full, without written approval of the laboratory.**
7. **If there is any objection to report,the client should inform issuing laboratory within 15 days from the date of receiving test report.**

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