Test Report

Applicant	:	Hangzhou Longlux Electronic Technology Co., ltd
Address	:	The Western Science Park, Hangzhou City, China
Sample Description/ Product	:	Waterproof light
Brand Name/Trade Name	:	Longlux
Model No.	:	LLX-TriProof-SS-C236, LLX-TriProof-SS-C218
Rating	:	220-240V~; 50/60Hz; Class I; IP65; G13 LED tube
Factory	:	Hangzhou Longlux Electronic Technology Co., ltd
Address	:	The Western Science Park, Hangzhou City, China
No. of Samples	:	2
Date of receipt of test item	:	2025-03-25
Date (s) of performance of test	:	2025-03-25 ~ 2025-03-27
Date of issue	:	2025-03-27
Service Requested	:	IP65 test
Method	:	According to requirements of IEC 60598-1:2020 Clause 9.2.
Result	:	See the attached sheets.
Conclusion	:	The testing of submitted sample **complied** with the above safety standards/requirement.

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Sean Wan
Reviewer
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- The results reported in this test report shall refer only to the sample checked and shall not refer or be deemed to refer to bulk from which such a sample may be said to have been obtained.
- This report shall not be reported except in full without prior authorization from ETA Testing Technology Co., Ltd.
- The services are provided subject to the terms and condition of the company, which can be furnished upon reques

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Test Item: IP65 Test Standard: IEC 60598-1:2020 Clause 9.2.

TEST CONDITION:

Ambient temperature: 25 °C

TEST METHOD:

1. Test for first characteristic numerals 6.

The specimen is tested in a dust chamber, in which talcum powder is maintained in suspension by an air current for a period of 3 hours. The chamber shall contain 2 kg of powder for every cubic meter of its volume.

2. Test for second characteristic numerals 5.

The specimen is switched off and immediately subjected to a water jet for 15 min from all directions by means of a hose having a nozzle with the shape. The nozzle shall be held 3m away from the sample. The water pressure at the nozzle shall be adjusted to achieve a water flow rate of 12.5l/min ± 5%.

TEST RESULT:

During IP6X test, the specimen was shown that no dust entry into internal part of the sample.

After IPX5 test, the specimen was shown that no water entry into internal part of the sample.

After completion of tests, the specimen was complied with requirements of the insulation resistance test and electric strength test.

Note: all the models have the same mechanical and electrical construction except for shape, model name, wattage. All respective tests are applied to models LLX-TriProof-SS-C236.

These results comply with the standard Yes [√] No [ ]

EQUIPMENT USED:

ETA1051, ETA1052, ETA1105, ETA1144

Photos

Overview for model LLX-TriProof-SS-C236





For type model LLX-TriProof-SS-C236







Gasket



Testing for type model LLX-TriProof-SS-C236