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-20X, LLX-Triproof-40X, LLX-Triproof-60X
Rating	:	220-240V~; 50/60Hz; Class I; IP66
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	:	2024-08-24
Date (s) of performance of test	:	2024-08-24 ~ 2024-10-10
Date of issue	:	2024-10-10
Service Requested	:	IK08 Test
Method	:	According to requirements of EN 62262: 2002
Result	:	See the attached sheets.
Conclusion	:	The testing of submitted sample **complied** with the above safety standards/requirement.

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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 request.

Report No. ETA24080018S-004

Test Item: IK08 test Standard: EN 62262: 2002

TEST CONDITION:

Ambient temperature: 25 °C

TEST METHOD:

Characteristic group numerals of the IK code and their meanings
Each characteristic group numeral, represents an impact energy value as shown in Table 1.

Table 1- Relation between IK code and impact energy

IK code	IK00	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10
Impact energy Joule	a	0,14	0,2	0,35	0,5	0,7	1	2	5	10	20
a not protected according to this standard											

NOTE 1 When higher impact energy is required the value of 50 Joules is recommended.
NOTE 2 A characteristic group numeral of two figures has been chosen to avoid confusion with some former national standards which used a single numeral for a specific impact energy.

Location	IK code	Observation
Plastic Lampshade	IK08	[x] No damage. [x] No hazard [ ] Small groove
Plastic enclosure	IK08	[x] No damage. [x] No hazard [ ] Small groove
After the test, these products could normally work and were subjected to IP65 test.		

After completion all of above tests, the specimen was complied with requirements of the insulation resistance test and electric strength test.
These requirements were quoted from clause 9 and clause 10 of IEC 60598-1:2020, because these products apply the standard.

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-60X.

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

Photos

For type model LLX-Triproof-60X



