

TEST REPORT

Product Name : Wash Light
Model Number : CLF SERA

Prepared for : CLF LIGHTING B. V.
Address : De Kazematten 19, 6681 CS, Bommel

Prepared by : EMTEK(DONGGUAN) CO., LTD.
Address : -1&2F, Building 2, Zone A, Zhongda Marine Biotechnology
Research and Development Base, No.9, Xincheng Avenue,
Songshanhu High-technology Industrial Development Zone,
Dongguan, Guangdong, China

Tel: +86-769-22807078
Fax: +86-769-22807079

Report Number : EDG2309190198L01101R
Date(s) of Tests : October 09, 2023 to October 10, 2023
Date of issue : December 25, 2023



Test Report

Applicant : CLF LIGHTING B. V.
Address : De Kazematten 19, 6681 CS, Bommel

Product Name : Wash Light

Model/Type : CLF SERA

Trade Mark



Received Date : October 08, 2023

Testing Period : October 09, 2023 to October 10, 2023

Test Summary

No.	Test Item	Test Standard	Test Conclusion
1	IP65 Test	Clause 9.2 of IEC 60598-1:2020	Pass

Note:

Pass: Meet the requirements;

Fail: Do not meet the requirements;

N/A: Do not evaluate or provide only test results.

Tested by: _____

Faker Zhou

Tested engineer

Reviewed by: _____

Koro Zhang

Reviewed engineer



Test Report

1. Test Item: IP65 Test

1.1 Tested Sample:

Sample No.	Product Name	Model/Type	Quantity
E2309190198-10	Wash Light	CLF SERA	1pc
E2309190198-11	Wash Light	CLF SERA	1pc

1.2 Test Equipment:

Name	Model	Serial No.	Valid Date to
Waterproof test chamber	GT1310B	E-R-033	March 07, 2024
Dust Tester	GT1321C	E-R-034	March 07, 2024
AC and DC hipot tester	AN9635H	ELD0096	May 11, 2024

1.3 Environmental Conditions: Temperature: 25°C; Humidity: 56%R.H.

1.4 Reference Standard: Clause 9.2 of IEC 60598-1:2020

1.5 Test Conditions:

IP6X:

Put the sample into the dust chamber, in which talcum powder is maintained in suspension by an air current. The chamber contain 2 kg of powder for every cubic metre of its volume.

The test conditions:

1. The product is suspended outside the dust chamber and operated at rated supply voltage until operating temperature is achieved.
2. The product, whilst still operating, is placed with the minimum disturbance in the dust chamber.
3. The door of the dust chamber is closed.
4. The fan/blower causing the talcum powder to be in suspension is switched on.
5. After 1 min, the product is switched off and allowed to cool for 3 h whilst the talcum powder remains in suspension.

Test Report

IPX5:

The product switched on and brought to a stable operating temperature at rated voltage. And then switch off the product and immediately subjected to a water jet for 15 min from all directions by means of a hose. The nozzle shall be held 3 m away from the sample. After completion of the tests, the electric strength test shall be conducted immediately.

Test conditions:

1. Nozzle diameter :6.3mm;
2. Delivery rate :12.5 L/min;
3. Test time :15 minutes
4. Distance from nozzle to housing surface: 3m.
5. Electric strength test voltage: AC 1480V, Test position: Between live parts and metal enclosure.
Test time: 1 minute.

1.6 Acceptance Criteria:

IP6X: There is no talcum powder in the sample.

IPX5: There is no trace of water on electrical connections, current carrying parts or on insulation where it could become a hazard for the user or surroundings, the only exception to this is for SELV or PELV conductors where the voltage under load does not exceed 12 V peak interrupted DC voltage for frequencies between 10 Hz and 200 Hz, 12V RMS or 30 V ripple free DC and the conductors are protected from corrosion. After completion of the tests, the luminaire shall withstand the electric strength test.

1.7 Test Results:

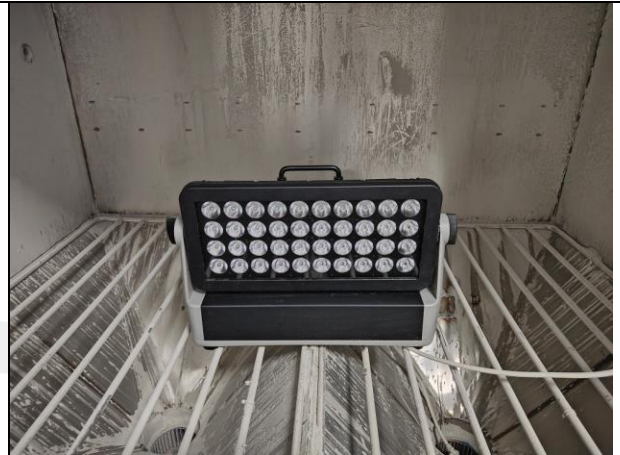
Sample No.	Test items	Test Results	Verdict
E2309190198-10	IP6X	There is no talcum powder in the sample.	Pass
E2309190198-11	IPX5	There was no water entered into the internal of the sample.	Pass
E2309190198-11	Electric strength	No breakdown	Pass

Test Report

1.8 Test Photos: IP6X



Before the test



Before the test



After test



Check after test

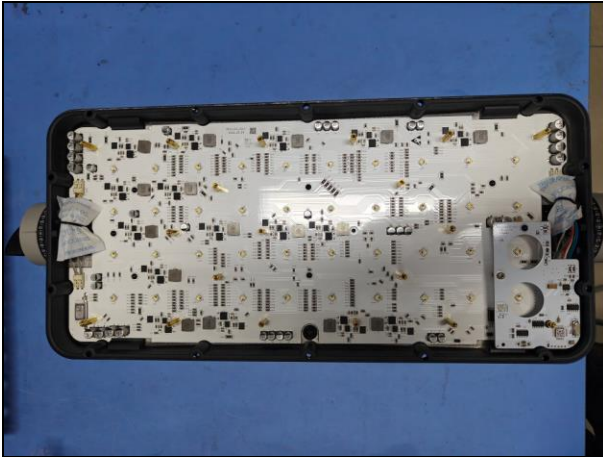


Check after test

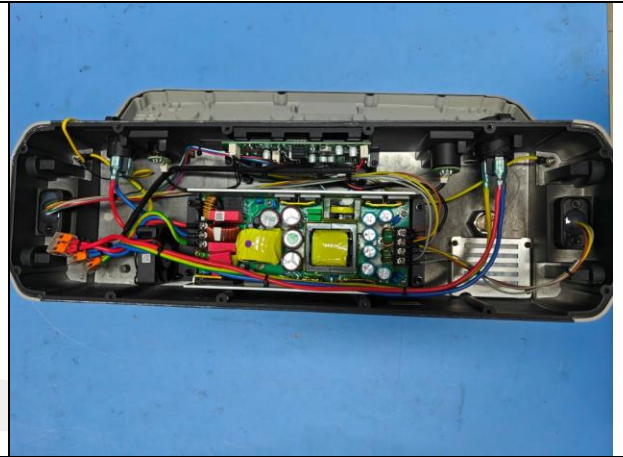


Check after test

Test Report



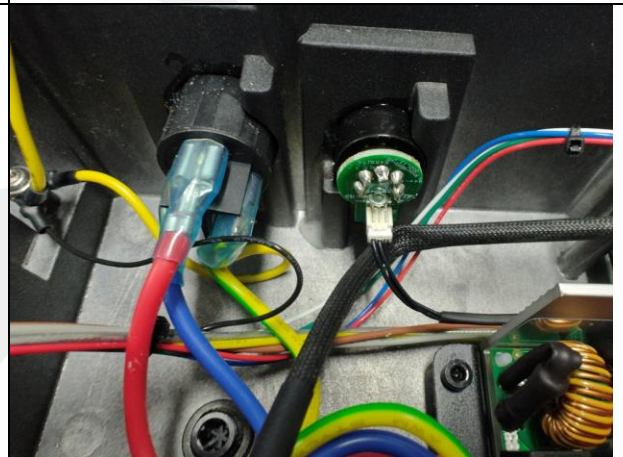
Check after test



Check after test



Check after test



Check after test

Test Report

1.9 Test Photos: IPX5



Before the test



Before the test



During the test



After the test



Check after test

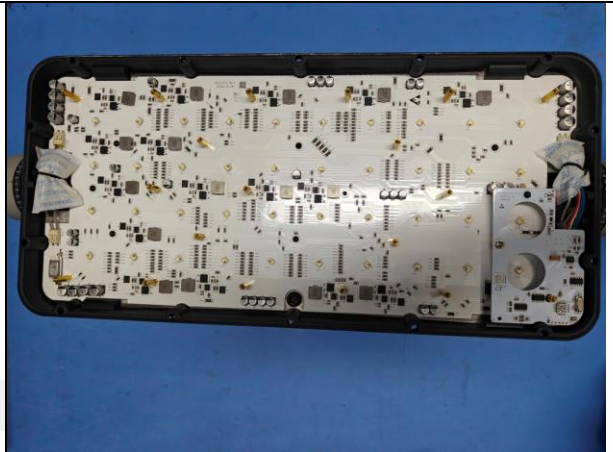


Check after test

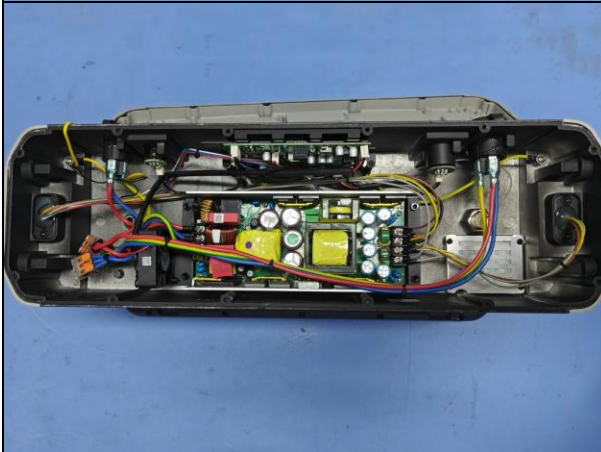
Test Report



Check after test



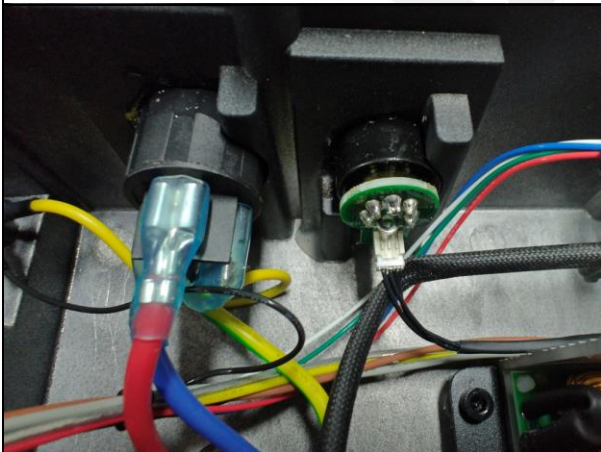
Check after test



Check after test



Check after test



Check after test



Electric strength test

End of report

声明 Statement

1. 本报告无授权批准人签字及“检验检测专用章”无效；

This report will be void without authorized signature or special seal for testing report.

2. 未经许可本报告不得部分复制；

This report shall not be copied partly without authorization.

3. 本报告的检测结果仅对送测样品有效，委托方对样品的代表性和资料的真实性负责；

The test results or observations are applicable only to tested sample. Client shall be responsible for representativeness of the sample and authenticity of the material.

4. 本检测报告中检测项目标注有特殊符号则该项目不在资质认定范围内，仅作为客户委托、科研、教学或内部质量控制等目的使用；

The observations or tests with special mark fall outside the scope of accreditation, and are only used for purpose of commission, research, training, internal quality control etc.

5. 本检测报告以实测值进行符合性判定，未考虑不确定度所带来的风险，本实验室不承担相关责任，特别约定、标准或规范中有明确规定的除外；

The test results or observations are provided in accordance with measured value, without taking risks caused by uncertainty into account. Without explicit stipulation in special agreements, standards or regulations, EMTEK shall not assume any responsibility.

6. 对本检测报告若有异议，请于收到报告之日起 20 日内提出；

Objections shall be raised within 20 days from the date receiving the report.