

TEST REPORT

Product Name : LED table lamp
Model Number : See below model list

Prepared for : Power beauty (Dong guan) Industrial Co., Ltd.
Address : N o.1, Eastern Industry Park, Shujiu Village, Changping
Town, Dongguan City, China

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 : EDG2205130209L00101R
Date(s) of Tests : May 18, 2022
Date of issue : May 19, 2022



Test Report

Applicant : Power beauty (Dong guan) Industrial Co., Ltd.

Address : N o.1, Eastern Industry Park, Shujiu Village, Changping Town, Dongguan City, China

Product Name : LED table lamp

Model/Type : See below model list

Received Date : May 16, 2022

Testing Period : May 18, 2022

Test Summary

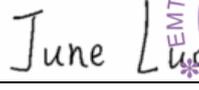
No.	Test Item	Test Standard	Test Conclusion
1	IPX4 Test	Clause 9.2 of IEC 60598-1:2014+A1:2017	Pass

Note:
Pass: Meet the requirements;
Fail: Do not meet the requirements;
N/A: Do not evaluate or provide only test results.

Tested by: 

Park Zeng

Tested engineer

Reviewed by: 

June Luo

Reviewed engineer



Test Report

Model list		
Product Name	Model name	Description
LED table lamp	PBG-1238, PBG-1115A, PBG-1115B, PBG-1115C, PBG-2031, PBG-1726A, PBG-1726B, PBG-1626-1, PBG-20210525-003, PBG-1625, PBG-1825, PBG-1225, PBG-250, PBG-2817, PBG-2728, PBG-2123, PBG-1220-3, PBG-1222, PBG-20210525-001, PBG-20210525-002, PBB-1220-1, PBB-1626-1, PBB-1220-2, PBB-1626-2, OTL200 013 , OTL200 012, PBG-1230, PBB-1220, O1745, 98996, 98997, 98998, SALLY, KELLY	All models have different appearance and color, the other parts are the same.
Note: According to customer's request, chosen PBG-1238 to perform all tests.		

Test Report

1. Test Item: IP54 Test

1.1 Tested Sample:

Sample No.	Product Name	Model/Type	Quantity
E2205130209L-01	Led table lamp	PBG-1238	1pc

1.2 Test Equipment:

Name	Model	Serial No.	Valid Date to
Waterproof test chamber	GT1310B	E-R-033	April 20, 2023
AC and DC hipot tester	AN9635H	ELD0096	May 12, 2023

1.3 Environmental Conditions: Temperature: 25°C; Humidity: 56%RH

1.4 Reference Standard: Clause 9.2 of IEC 60598-1:2014+A1:2017

1.5 Test Conditions:

IPX4:

The product switched on and brought to a stable operating temperature at rated voltage. And then sprayed from every direction with water for 10 min by means of the spray apparatus. The luminaire shall be mounted under the pivot line of the tube so that the ends of the luminaire receive adequate coverage from the jets.

The tube shall be caused to oscillate through an angle of almost 360°, 180° on either side of the vertical, the time for one complete oscillation (2 × 360°) being about 12 s. The luminaire shall be turned about its vertical axis during the test at a rate of 1 r/min.

The support for the equipment under test shall be grid shaped in order to avoid acting as a baffle. After this 10 min period, the luminaire shall be switched off and allowed to cool naturally whilst the water spray is continued for a further 10 min. After completion of the tests, the electric strength test shall be conducted immediately.

Electric strength test voltage: AC 500V, Test position: Between live parts and plastic shell.

Test time: 1 minute.

Test Report

1.6 Acceptance Criteria:

IPX4: 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
E2205130209L-01	IPX4	There was no water entered into the internal of the sample.	Pass
E2205130209L-01	Electric strength	No breakdown	Pass

1.8 Test Photos: IPX4

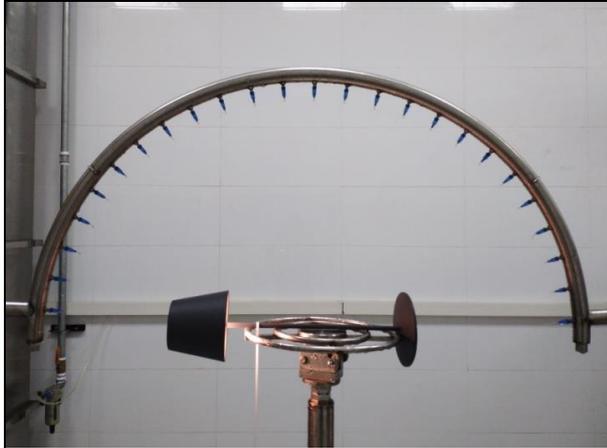


Before the test

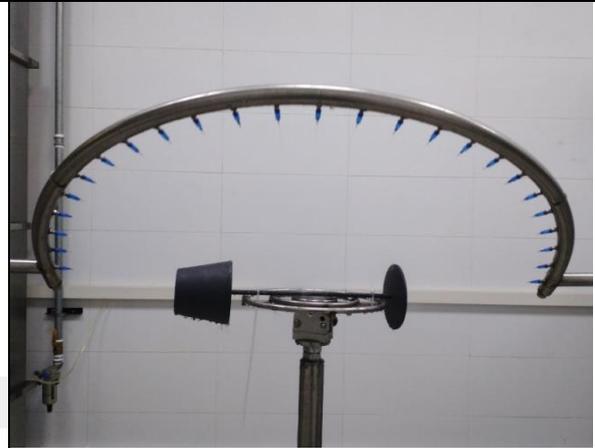


Before the test

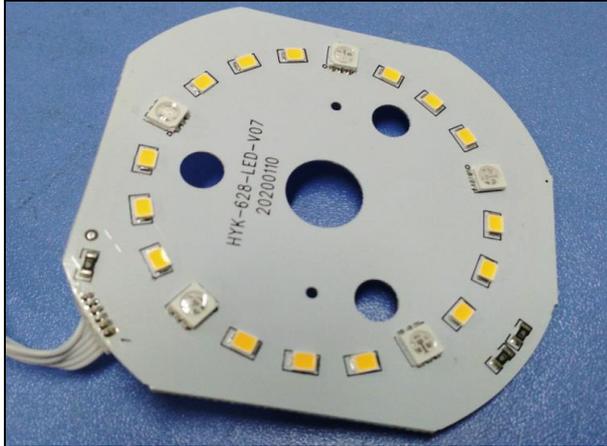
Test Report



During the test



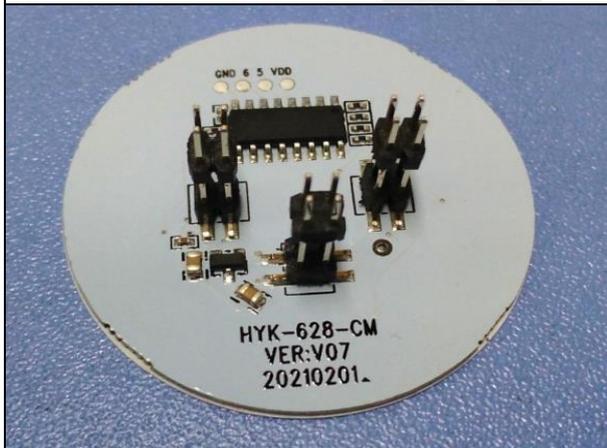
During the test



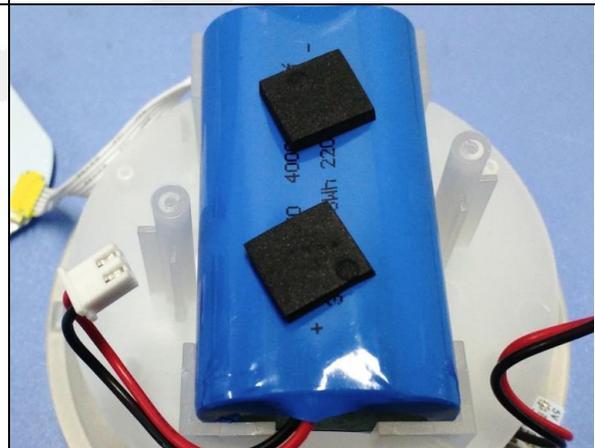
Check after test



Check after test



Check after test



Check after test

Test Report



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“检验报告专用章”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.