

TEST REPORT

Product Name : LED table lamp

Model Number : See below model list

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Date(s) of Tests : February 02, 2021
Date of issue : February 03, 2021



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 : February 02, 2021

Testing Period : February 02, 2021

Test Summary

No.	Test Item	Test Standard	Test Conclusion
1	IP44 Test	Clause 9.2 of EN 60598-1:2015+A1:2018	Pass
Note: Pass: Meet the requirements; Fail: Do not meet the requirements; N/A: Do not evaluate or provide only test results.			

Tested by:

Coral Chen

Coral Chen

Tested engineer

Reviewed by:

Eddie Yang

Eddie Yang

Reviewed engineer

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Model list		
Product Name	Model name	Description
LED table lamp	PBB-1630, PBB-1420, PBB-1220, PBB-1220-1, PBB-1220-2, PBB-1826, PBB-1626-1, PBB-1626-2, PBB-150, PBB-1115-1, PBB-1115-2, PBB-1115-3, PBB-1421, PBB-1626, PBB-1526, PBB-3141, PBB-2223, PBB-2036, PBB-3430, PBB-2080, PBB-2050, PBB-1620, PBB-1626, PBB-1427, PBB-150, PBB-200, PBB-250, PBB-300, PBB-400, PBB-500, PBB-600, PBB-1809, PBB-5040, PBG-1824, PBS-2024, PBG-1615, PBG-1615S, PBS-4050, PBS-4080, PBS-40120, PBS-40150, PBS-3050, PBS-3480, PBS-34120, PBS-34150, PBS-3430, PBS-130, PBS-150, PBS-200, PBS-250, PBS-300, PBS-350, PBS-400, PBS-2062, PBB-1625, PBB-1825, PBS-2031, PBS-2045, PBS-2030FLAT, PBS-2030BALL, PBG-1626, PBG-1026, PBG-1022, PBG-1023, PBG-1024, PBG-1034, PBG-1005, PBG-1002, PBG-3455, PBG-1006, PBG-1007, PBG-4536, PBG-3390, PBG-4328, PBG-9000, PBG-3782, PBG-5054, PBG-6268, PBG-3432, PBG-3560, PBG-2645, PBG-5811, PBG-8517	They are same, only difference is appearance

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1. Test Item: IP44 Test

1.1 Tested Sample:

Sample No.	Product Name	Model/Type	Quantity
ED210111011L-001	LED table lamp	PBB-1630	1pcs

1.2 Test Equipment:

Name	Model	Serial No.	Valid Date to
Probe D	/	ELD0138	May 26, 2021
Waterproof test chamber	GT1310B	E-R-033	April 27, 2021
AC and DC hipot tester	AN9635H	ELD0096	May 21, 2021

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

1.4 Reference Standard: Clause 9.2 of EN 60598-1:2015+A1:2018

1.5 Test Conditions:

<p>IP4X</p> <p>Use the $\Phi 1\text{mm}$ access probe to detect the opening, the force is 1N.</p>
<p>IPX4</p> <p>After the sample is energized to a stable operating temperature, start the test:</p> <p>Oscillating table radius: 400mm; number of openings: 25; pinhole diameter: 0.4mm;</p> <p>Swing angle: 180° with vertical plane; total water flow: 1.75L/min;</p> <p>Test time: 20 minutes(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)</p> <p>High pressure test shall be conducted immediately after the test:</p> <p>Voltage :AC 500V, test position: between live parts and plastic enclosure(covered by copper foil)</p>

1.6 Acceptance Criteria:

IP4X : The test Probe cannot enter into the interior of the sample.
IPX4: The sample inside allows a small amount of water to enter, but not accumulated, cannot enter the

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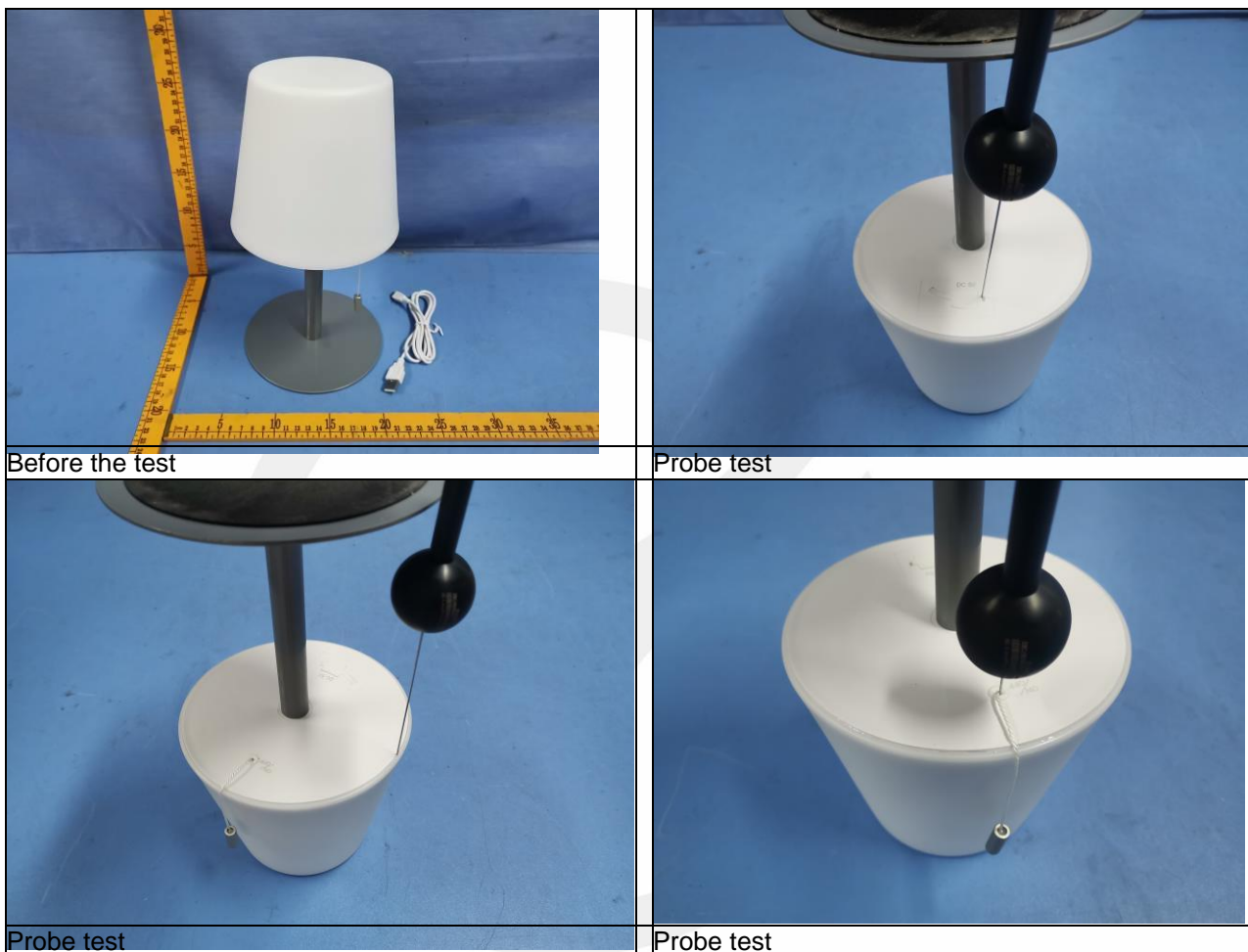
live parts, the only exception to this is for SELV conductors where the voltage under load does not exceed 12 V r.m.s. or 30 V ripple free d.c.

1.7 Test Results:

Sample No.	Test items	Test Results	Verdict
ED210111011L-001	IP4X	The test probe not touch the live parts of the sample.	Pass
ED210111011L-001	IPX4	There is a small amount of water enter the sample, the Water not touch the live parts of the sample.	Pass
ED210111011L-001	Electric strength	No breakdown	Pass

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1.8 Test Photos: IP4X

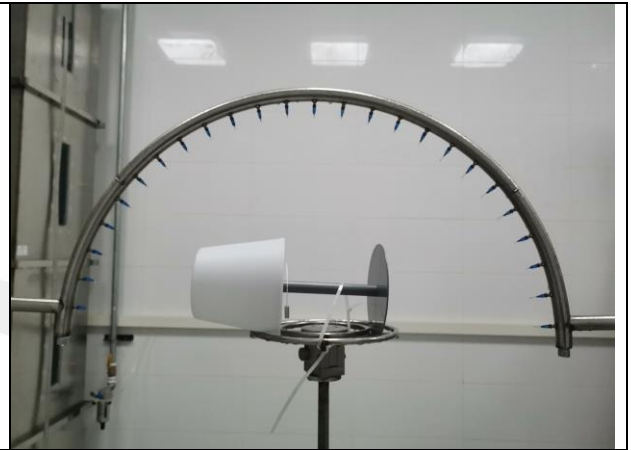


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1.9 Test Photos: IPX4



Before the test



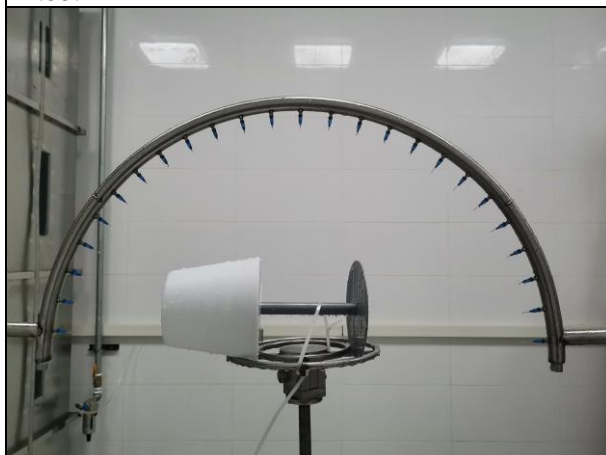
Before the test



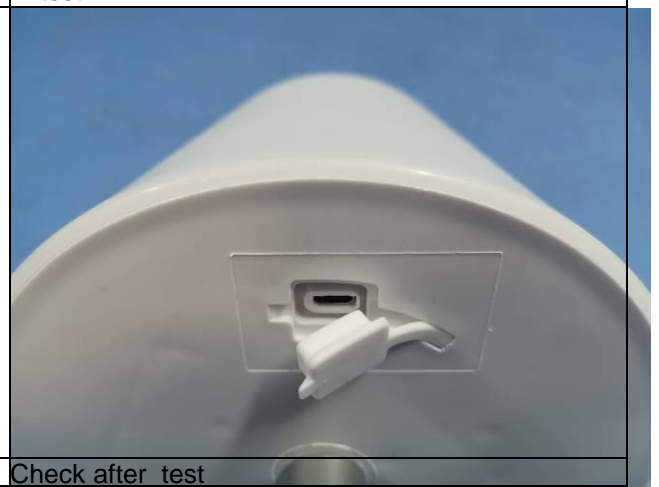
In test



In test

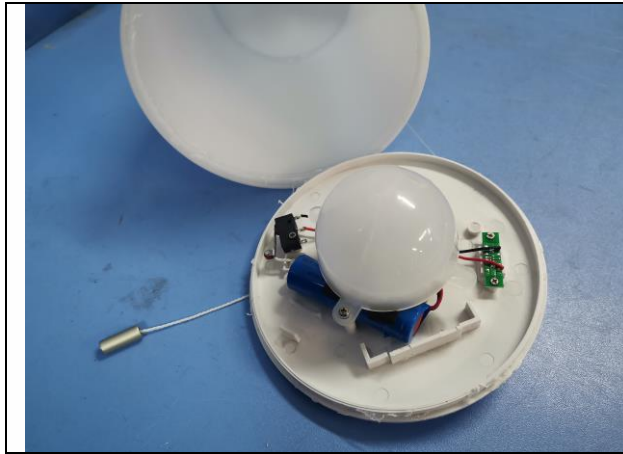


After test



Check after test

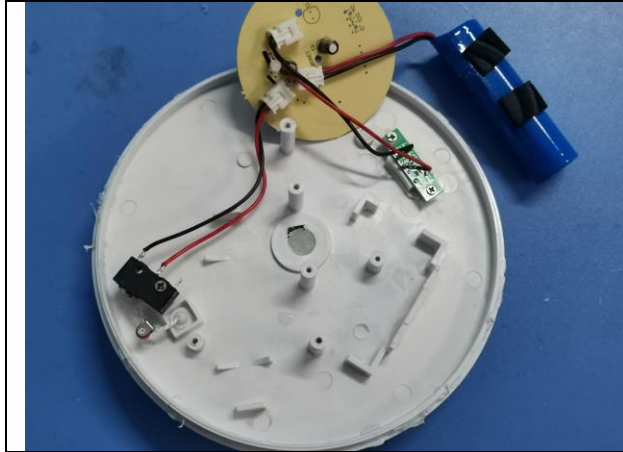
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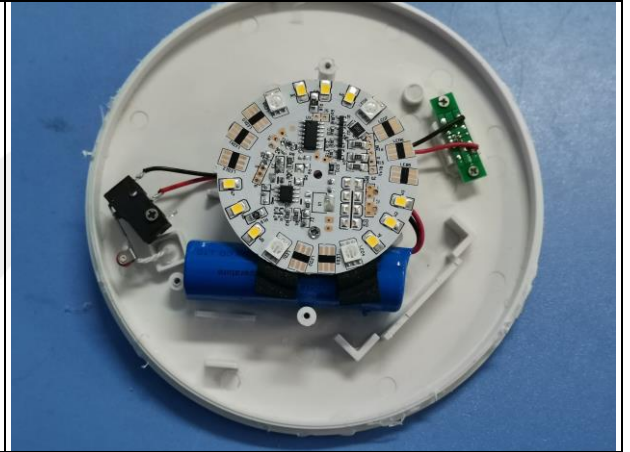
Check after test



Check after test



Check after test



Check after test



Check after test



Electric strength test

End of report

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