

Test report	
IEC 60529	
Degrees of protection provided by enclosures (IP Code)	
Report Reference No.....	AiTSZ-250716007S1
Tested by (+ signature).....	Sky Mo 
Approved by (+ signature).....	Taylor Chen 
Date of report issue.....	2025-07-26
Total number of pages.....	11 pages
Testing Laboratory name.....	Guangdong Asia Hongke Test Technology Limited
Address.....	Room B1101, Building 11, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China
Testing location.....	Same as above
Applicant's name.....	Taizhou Songjie lighting Co.,LTD
Address.....	NO:3-59,Datian Liu Village,Datian Street,Linhai City, Taizhou City,Zhejiang Province China
Test specification:	
Standard.....	IEC 60529:1989+A1:1999+A2:2013
Test procedure.....	IP Code Report
Non-standard test method.....	N/A
Test item description.....	Decorative lights
Model/type reference.....	SJDHAZ-031-006W2,SJDHAZ-031-006WRGB, SJDHAZ-031-006W2P, SJDHAZ-031-006WRGBP, SJDHAZ-031-009W2, SJDHAZ-031-009WRGB, SJDHAZ-031-009W2P, SJDHAZ-031-009WRGBP, SJDHAZ-031-045W2, SJDHAZ-031-045WRGB, SJDHAZ-031-045W2P, SJDHAZ-031-045WRGBP, SJDHAZ-031-036W2, SJDHAZ-031-0036WRGB, SJDHAZ-031-036W2P, SJDHAZ-031-036WRGBP, SJDHAZ-031-600W2, SJDHAZ-031-1000W2, SJDHAZ-031-2000W2



Model difference.....	N/A
Trade mark.....	N/A
Manufacturer's name	Taizhou Songjie lighting Co.,LTD
Address.....	NO:3-59,Datian Liu Viliage,Datian Street,Linhai City, Taizhou City,Zhejiang Province China
IP degree	IP65
Note: The test data was only valid for the test sample(s). This test report is prepared for the customer shown above and for the specific product described herein. It must not be duplicated or used in part without prior written consent from Guangdong Asia Hongke Test Technology Limited.	
POSSIBLE TEST CASE VERDICTS:	
- test case does not apply to the test object..... : N/A	
- test object does meet the requirement..... : P (Pass)	
- test object does not meet the requirement..... : F (Fail)	
TESTING:	
Date of receipt of test item.....	2025-07-16
Date (s) of performance of tests.....	2025-07-16 to 2025-07- 17
GENERAL REMARKS:	
“(see remark #)” refers to a remark appended to the report. (see appended table)” refers to a table appended to the report. The test results presented in this report relate only to the object tested. This report shall not be reproduced except in full without the written approval of the testing laboratory. Throughout this report a ☐ comma / ☒ point is used as the decimal separator.	
Summary of testing:	
All tests were performed on model SJDHAZ-031-006W2 at the worst case and all test results complied with the standard on cover page.	
General product information:	
1. The product covered in this report is a Decorative lights.	
Note:	
Pass: Meet the requirements	
Fail: Does not meet the requirements	



N/A: Not apply to the judgment

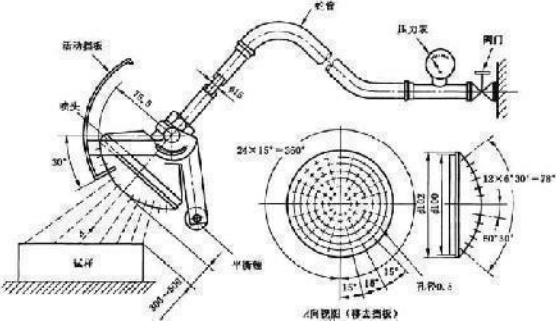
Test equipment list

No.	Instrument Name	Model	Serial No.	Manufacturer	Calibration period of Validity
1	Sand and dust test box	SC-010	140640	Guangzhou GongWen Tryout equipment Co., Ltd.	2025-09-01
2	Strong flush and rain test device	JL-1/2	AiT-F01220	Guangzhou GongWen Tryout equipment Co., Ltd.	2026-06-06
3	Stopwatch	PC2001	--	CHAOSUDA	2025-09-04
4	Humidity & Temp. Recorder	TA218B	No.11	KTJ	2025-09-05
5	Tape Measure	DL9005	No. 6	Deli	2025-09-02

<u>Clause</u>	<u>Description</u>	<u>Result</u>	<u>Remark</u>
13.1	Test means	Noted	--
13.2	Test conditions for first characteristic numerals 1,2,3,4.....	Not applicable	--
13.3	Acceptance conditions for first characteristic numerals 1, 2, 3, 4.....	Not applicable	--
13.4	Dust test for first characteristic numerals 5 and 6 The test shall be carried out in a dustproof box, and its basic principle is shown in Figure 2. The powder circulating pump in the closed test chamber can be replaced by other methods which can suspend talc powder. Talc powder is filtered by metal square hole sieve. The wire diameter is 50μm and the mesh size is 75pm. The amount of talcum powder is 2kg per cubic meter of test chamber volume, and the number of use shall not exceed 20 times. Figure 2	Applicable	--
13.5	Special conditions for first characteristic numeral 5	Not applicable	--

13.5.1	Test conditions for first characteristic numeral 5	Not applicable	--
13.5.2	Acceptance conditions for first characteristic numeral 5	Not applicable	--
13.6	Special conditions for first characteristic numeral 6.....	Applicable	IP6X
13.6.1	Test conditions for first characteristic numeral 6.....	Applicable	Second type enclosure (Remark: The talcum powder diameter: 75um), Test duration: 8 hours.
13.6.2	Acceptance conditions for first characteristic numeral 6.....	Not applicable	A small amount of dust after the test does not affect normal use , no hazard.

<u>Clause</u>	<u>Description</u>	<u>Result</u>	<u>Remark</u>
14.1	Test means	Noted	--
14.2	Test conditions for first characteristic numerals 1,2,3,4.....	Noted	--
14.2.1	Test for second characteristic numeral 1 with the drip box	Not applicable	--
14.2.2	Test for second characteristic numeral 2 with the drip box	Not applicable	--

14.2.3	Test for second characteristic numeral 3 with oscillating tube or spray nozzle Use the conditions of the test equipment (sprinkler head) in Fig. 5. In this test, baffles with balancing weights shall be installed. Adjust the water pressure to reach the specified water output. The required pressure ranges from 50 kpa to 150 kpa. Pressure shall be maintained during the test Constant. The test time shall be calculated according to the surface area of the shell for 1min/m² (excluding the installation area), with a minimum of 5min.  Fig.5	Applicable	--
14.2.4	Test for second characteristic numeral 4 with oscillating tube or spray nozzle	Not applicable	--
14.2.5	Test for second characteristic numeral 5 with the 6.3mm nozzle.....	Applicable	IPX5
14.2.6	Test for second characteristic numeral 6 with the 12.5mm nozzle.....	Not applicable	--
14.2.7	Test for second characteristic numeral 7 : temporary immersion between 0.15 to 1m.....	Not applicable	--
14.2.8	Test for second characteristic numeral 8 : continuous immersion subject to agreement	Not applicable	--
14.3	Acceptance conditions	Complied	After tested, No water entered, unit work normally

before test



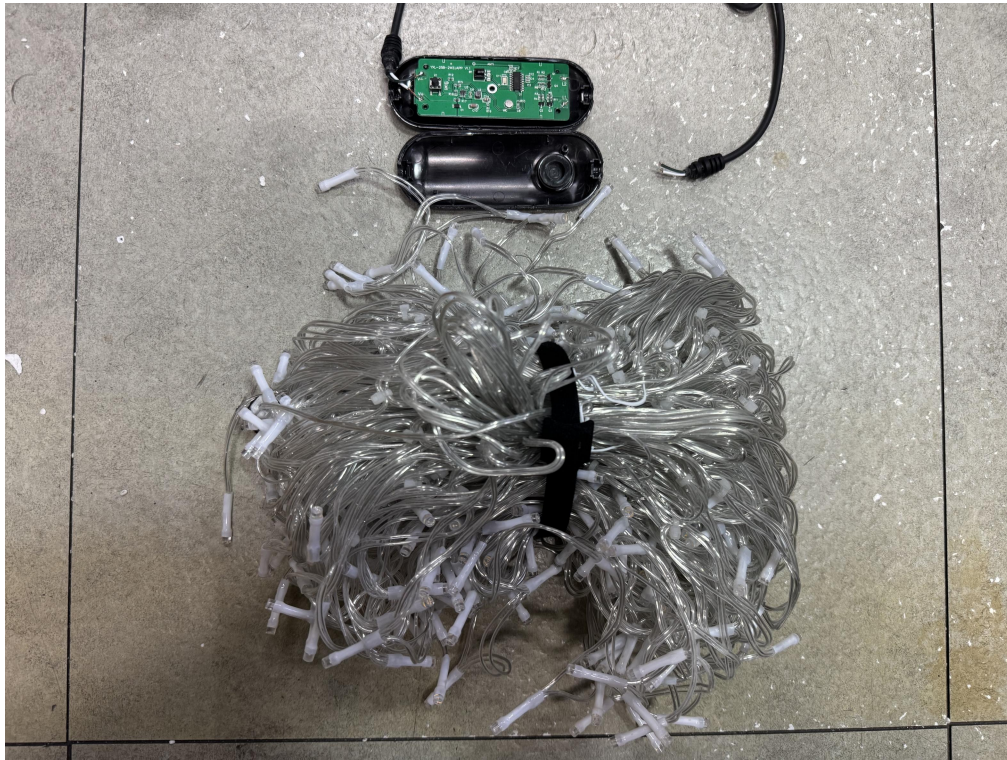
Testing Photo for IP6X



Testing Photo for IPX5



IP65 After the test



Test Result:

Test Result	Conclusion
Appearance and function are normal before and after detection. No water was observed in the sample and no dust was observed	PASS

*****End of Report*****