

TEST REPORT

Product Name: Fixed LED lighting fixtures (linear lights)

Product Model: LLS-OP-W30A

Test Category: Switch shock test

Customer: TPK OPTOELECTRONIC TECH CO., LTD

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Checked by: Chen Hairui

report time: Jun 6, 2025

广东泰然实业有限公司
TPK OPTOELECTRONIC TECH CO., LTD

Test report

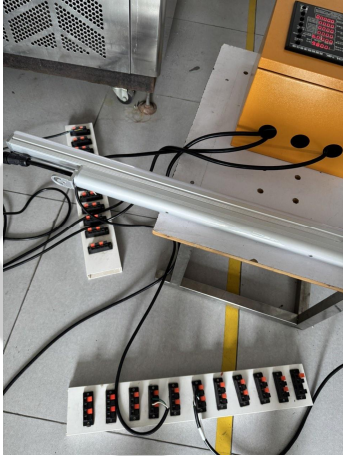
Test items	Switch shock test
Test Object	LLS-OP-W30A-L9-DMX
Detection purpose	Verify the number of switching impacts of the LLS-OP-W30A-L9-DMX lamp
Test time	2025.5.30-2025.6.5
Testing equipment	Switch impact test tooling equipment, test leads, controllers

Final test conclusion: The LLS-OP-W30A-L9-DMX sample lamp can pass the 10080 impact test requirements; The results of this test are only responsible for the sample results.

Test criteria: Industry experience

Test data:

1. Record the state of the sample before the test.

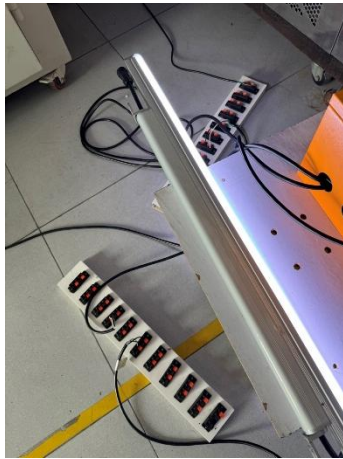


Product in good condition

Test method:

2. Place the LED lamp in a room temperature environment of 25 ° C to 35 ° C:
3. Adjust the flickering speed of the LED light to the minimum frequency through the controller
4. Turn on the power (220V) from 5.30 to 6.5, light for 168 hours, and observe whether the lamp is damaged, deformed due to heat, or dead or not functioning properly
5. After the lighting test, the lamp is controlled by a switch to conduct an impact test in this environment. The test is set as lighting for 30 seconds, turning off the lamp for 30 seconds, and cycling 60 times for 1 hour. 1 day cycle 1,440 times, 7 days 10,080 times

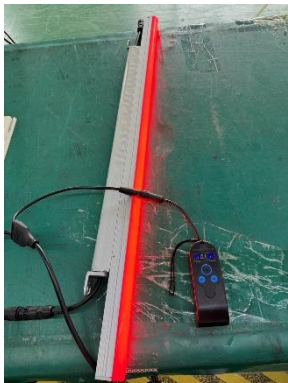
Test process:



Test Requirements

6. The lamp must not have electrical anomalies such as leakage or failure to light up after a long impact test

Test results



Single test function color (R-G-B-W- Full light)

7. Record the function data of the sample after the switch impact test: no abnormal phenomena such as not lighting

Test results:

The above-mentioned test data proved that the LLS-OP-W30A-L9-DMX lamp did not show any functional abnormalities after a total of 10,080 on-off impact tests.