

TEST REPORT

Product Name: Fixed LED (spot light)

Product Model: SP-F310A-36P-DMX

Test Category: Safety tests

Customer: TPK OPTOELECTRONIC TECH CO., LTD

Tested by: Huang Wenliang

Checked by: Chen Hairui

report time: Nov 10 2025

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

Inspection report

Test items	Safety tests (grounding, withstand voltage, insulation)
Object to be tested	SP-F310A-36P-DMX
Detection Purposes	Verify and confirm whether the safety performance of the SP-F310A-36P-DMX luminaires meets the standard requirements
Test Time	Start 2025-11-7 End: 2025-11-7

Testing equipment: Withstand voltage tester, ground tester, insulation tester, multimeter, voltmeter, connecting wire, power supply

Test Method and procedure:

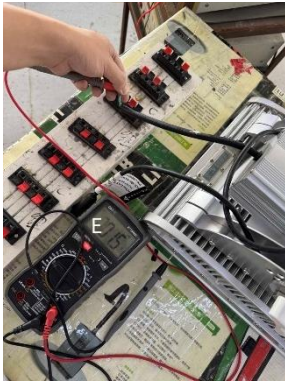
- 1 Measure whether the lamp body is in compliance with safety regulations and light the lamp to confirm
- 2 Use a ground tester to measure whether the values are within the standard requirements
- 3 Use a withstand voltage tester to measure whether the values are within the standard requirements
- 4 Use an insulation tester to measure whether the values are within the standard requirements
- 5 Confirm the luminaires after testing, lighting confirmation function (R-G-B-W- all on)

Test results: The SP-F310A-36P-DMX lamp did not show any non-conformities in the safety regulations tests (grounding, withstand voltage, insulation), and functions normally. The conclusion of this experiment is only responsible for the sample.

Test standard: Document requirements

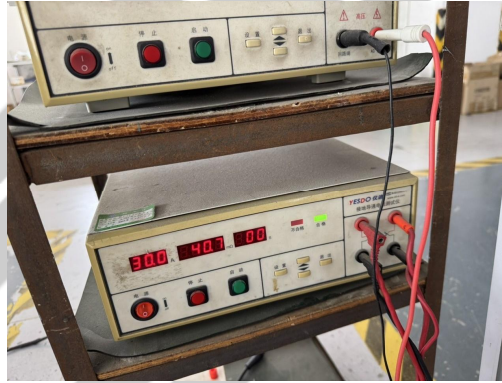
[illegible]

Pre-test confirmation: Measure whether the lamp body is in compliance with safety regulations, and light to confirm that the lamp is lit normally



Test data:

1. Ground test: Test with a ground **tester** (qualified)



2. Withstand voltage test: Test the luminaire using a withstand voltage tester (**pass the test**)



3. Insulation test: Test luminaires using an insulation tester (pass the test)



Test confirmation: Functioning properly (R-G-B- all on)

