

TEST REPORT

Product Name: Fixed LED (spot light)

Product Model: SP-PZT-R170-12P

Test Category: Vibration test

Customer: TPK OPTOELECTRONIC TECH CO., LTD

Tested by: Huang Wenliang

Checked by: Chen Hairui

report time: Mar 13, 2026

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

Inspection report

Test items	Vibration test
Object to be tested	SP-PZT-R170-12P finished product
Testing Purposes	Whether the sample will be damaged or fall off during simulated transportation
Test time	Start: 2026-3-15 End: 2026-3-15

Testing instrument: Simulated transport vibration meter

Experimental methods and procedures:

1. Fix the sample onto a simulated transport vibrator.
2. Vibration time: 4 hours, vibration frequency: 210 revolutions per minute.
3. Check the sample for any damage or missing components after the vibration ends; Light up the sample again to see if it lights up normally and if it functions properly.

Test results:

After the test, the sample was able to light up normally and function properly;

Final conclusion of the test

The SP-PZT-R170-12P sample was functioning properly after 4 hours of vibration test with a rotational speed of 210 revolutions per minute and passed the vibration test. The conclusion of this experiment is only responsible for the results of the sample.

Test data:

1. Secure the lamp to the vibrator before vibration



functioning properly

