

TEST REPORT

Product Name: Fixed LED lighting fixtures (linear lights)

Product Model: LLS-OP-D50-L12

Test Category: Vibration test

Customer: TPK OPTOELECTRONIC TECH CO., LTD

Tested by: Huang Wenliang

Checked by: Chen Hairui

report time: JUL 15, 2025

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	LLS-OP-D50-L12-RDM-P finished product
Testing Purposes	Whether the luminaires have appearance damage or functional damage during simulated transportation
Test time	Start: 2025-7-15 End: 2025-7-15
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 lamps for any damage or missing components after the vibration ends; Light up the lamp again to see if it can light up normally and if it functions properly.	
Test results: After the test, the appearance of the lamp was undamaged, it lit up normally and functioned properly;	
Final conclusion of the test LLS-OP-D50-L12-RDM-P finished product, after 4 hours of vibration test with a rotational speed of 210 revolutions per minute, the appearance and function of the lamp were normal, and the vibration test passed. The conclusion of this test is only responsible for the results of the sample.	
Test data: 1. Secure the luminaire to the vibrometer.	
  	

2 After vibration, the luminaires will be inspected. There is no component falling off from the luminaires and the lighting confirmation function is normal (R-G-B-W-all lit).

