

TEST REPORT

Product name: Fixed LED lamp (Wall washer lamp)

Product model: LWW-PZT-W38A-L12-RDM

Test category: Commissioned test

Client: TPK OPTOELECTRONIC TECH CO., LTD

Tester: Huang Wenliang

Auditor: Chen Hairui

Report date: May 12, 2025

TPK OPTOELECTRONIC TECH CO., LTD

Test report

Test items	Drop test
Test Object	Inner packaging carton of LWW-PZT-W38A-L12-RDM product
Test purpose	To verify whether the inner packaging of LWW-PZT-W38A-L12-RDM shows any abnormal phenomena such as damage after being dropped; Check whether the glass surface of the lamp and the joints are damaged
Test time	2025-5-12
Testing instruments: stand scale, tape measure	
Test methods and procedures: 1. Physical confirmation of product packaging material: 1225*73*150mm, W3A reinforced 125g, white 2. Pack the lamp according to the current packaging method and weigh it, record the weight (3.28KG) data, and confirm the standard of the test carried out 3. The package of the entire product was subjected to a six-sided, Mitsubishi, two-corner free drop test at a height of 76.2.cm above the ground according to the standard 4. Observe the test results (confirm the packaging and sample conditions after the test) 5. Light up to test if the product functions properly (R-G-B-W- fully lit)	
Test results: After the drop test, there were no wrinkles or damages on the outer packaging of the product, the glass of the product was intact, the internal wires did not fall off, and the lamp was lit up normally	
Final test conclusion: The inner packaging drop test of LWW-PZT-W38A-L12-RDM passed. The conclusion of this test is only responsible for the sample.	

Test data:

2. After packaging the lamp and weighing it, the total weight of the lamp plus packaging is 3.28KG



3. Conduct a free drop test on the carton with 6 sides, 3 rashes, 2 corners, and a height of 76.2cm according to the standard

The number of drops was 11 times. Drop area: two corners, three corners, six sides:

Product weight per piece (lbs)	Drop height (IN)
W<20=9.072kgs	30=76.2cm
20<W<40= 18.144kgs 40<W<60=27.216kgs	24=60.96cm
60<W<100=45.36kgs	18 = 45.72 cm
100<W	12=30.48cm
	twelve

4 Observe the outer packaging of the product after the drop





After the drop, there is no damage to the carton

5 Open the outer package and check if there is any damage to the appearance of the product



After the drop test, there was no damage to the glass on the surface of the lamp and no deformation or detachment of the joints.

6. Light up to test if the product functions properly (R-G-B-W- all lit)

