

Test report

Test items	Drop test
Test object	LWW-WZB-W55-L12 product inner packing carton
Purpose of detection	Verify whether the inner package of LWW-WZB-W55-L12 has any abnormal phenomena such as damage after falling; Whether the glass surface and joint of the luminaire are damaged
Test time	2024-12-12
Testing instruments: table scale, tape measure	
Experimental methods and steps: 1. Physical confirmation product packaging material: 1275*105*160mm, W3A reinforced 125g, white 2. The lamps will be packed and weighed according to the current packaging method, record the weight (5.06KG) data, and confirm the standard for performing the test 3. The package of the whole product was carried out in accordance with the standard at the height of 76.2.cm from the ground with six sides, Mitsubishi, and two corners free drop test 4. Observe the results of the experiment (confirm the packaging and sample after the test) 5. Light up to check whether the function of the product is normal (R-G-B-W- full light)	
Test results: After the drop test, the outer packaging of the product has no wrinkles and damage, the glass of the product is intact, the internal wire does not fall off, and the lamp function is normally lit	
Final conclusion of the test: LWW-WZB-W55-L12 inner package drop test passed, this experimental conclusion is only responsible for the sample.	
Test data: 2. Weigh the lamps after packing. All the weight of the lamps and lanterns with packaging materials is 5.06KG	



3. According to the standard, the carton is free drop test with 6 sides, 3 diamonds, 2 angles and a height of 76.2cm

跌落次数 11 次；跌落部位：二角, 三楞, 六面；

单件产品重量 (l b s)	跌落高度 (I N)
$W < 20 = 9.072\text{kgs}$	30 = 76.2cm
$20 < W < 40 = 18.144\text{kgs}$	24 = 60.96cm
$40 < W < 60 = 27.216\text{kgs}$	18 = 45.72cm
$60 < W < 100 = 45.36\text{kgs}$	12 = 30.48cm
$100 < W$	12

4. Observe the outer packaging of the product after falling





The carton will not be damaged after falling down

5. Open the outer packing and observe whether the surface of the product is damaged



After the drop test, the glass on the surface of the lamp is not damaged, and the joint is not deformed and falling off.

6. Light up to check whether the function of the product is normal (R-G-B-W-full light)

