

Test report

Test items	Vibration test
Test object	LWW-WZB-W55-L12-RDM finished product
Purpose of detection	Whether the power supply base plate of the components of the lamp will be damaged and fall off during the simulated transportation process
Test time	Start: 2024-09-10 End: 2024-09-10

Testing instrument: analog transport vibration meter

Experimental methods and steps:

1. The sample was fixed to the simulated transport vibrator.
2. The vibration time is 2H and the vibration frequency is 270 RPM.
3. After the end of the vibration, see whether the lamp is damaged and the components are off (whether the power supply bottom plate is off). Then light the lamp to see whether it can be normally lit and whether the function is normal.

Test results:

After the test, the lamp can be normally lit and function normally; The appearance is not damaged, scratched, and the power base plate is not falling off

Test final conclusion:

After 2H vibration test with rotation speed of 270 RPM, the lamp functions normally and the vibration test passes. This experimental conclusion is only responsible for the results of the sample.

Test data:

1. Attach the light fixture to the vibrator.

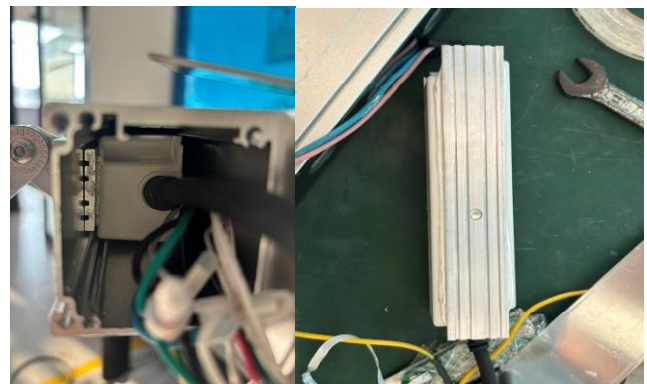
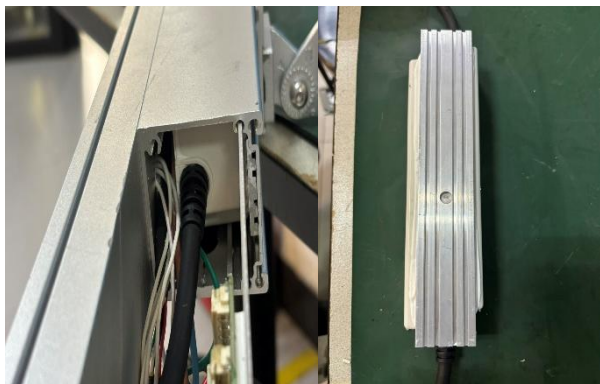


Figure 1 Luminaire installation (left: overall right: overlooking)

2. Check the luminaire after vibration. No components of the luminaire fall off, no bending or loosening of the power base plate falls off, and all functions of the luminaire are normal.



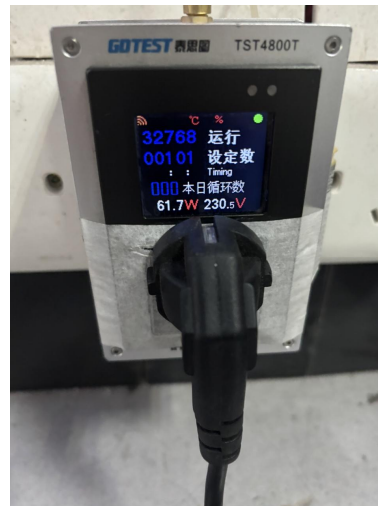
Appearance of the lamp before the test Appearance of the lamp after the test



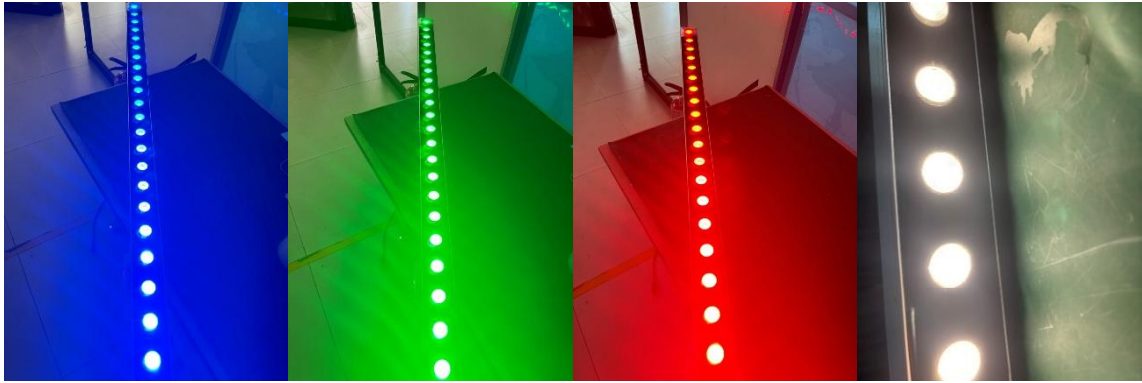
Status of the power supply backboard before test Status of the power supply backboard after test



Power before test (61.8W)



Power after test (61.7W)



Above is the following after test: blue light, green light, red light, white light, full light.