

TEST REPORT

Product Name: Fixed LED lighting fixtures (linear lights)

Product Model: LLS-OP-W30A

Test Category: Load and connection tests

Customer: TPK OPTOELECTRONIC TECH CO., LTD

Tested by: Huang Wenliang

Checked by: Chen Hairui

report time: Jun 5, 2025

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TPK OPTOELECTRONIC TECH CO., LTD

Test report

Test items	Load and connection tests
Test Object	LLS-OP-W30A-L9-DMX
Detection purpose	Confirm the number of LLS-OP-W30A-L9-DMX lamps that can be connected
Test time	Start 2025-6-5 End: 2025-6-5

Prepare materials: RDM controller, Y-shaped connection wire, power supply

Test methods and steps:

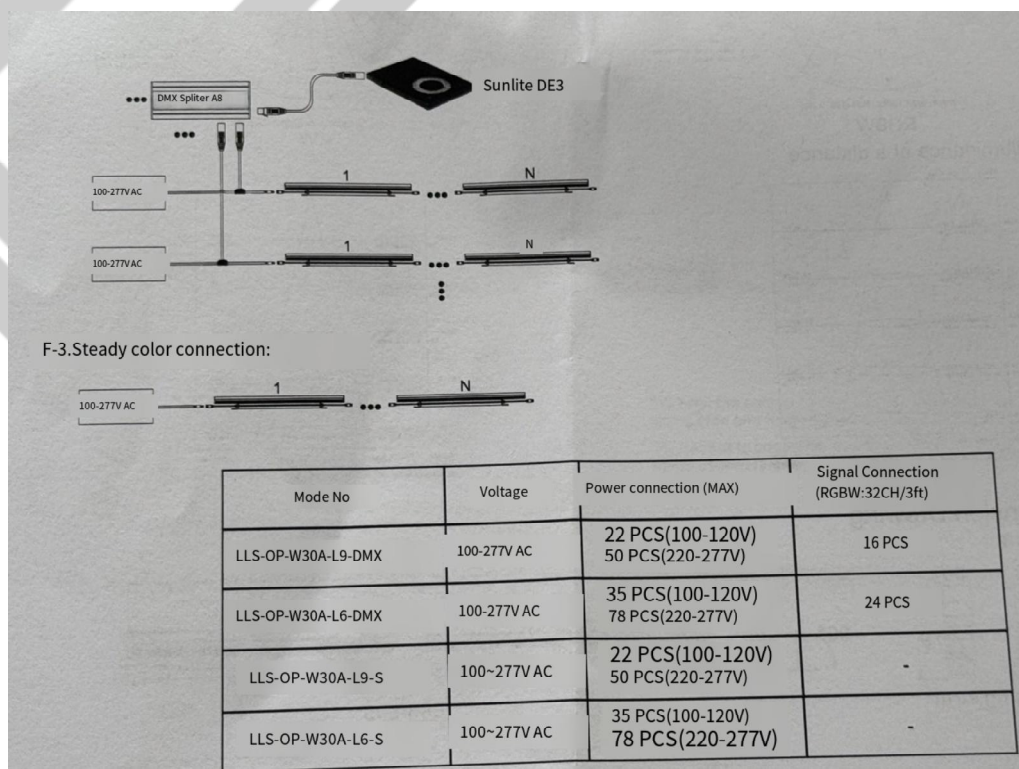
1. Connect LLS-OP-W30A-L9-DMX luminaires together
- 2 Use the control system or controller to control the various functions of the lamp
- 3 Confirm the downflow and other change effect phenomena during the test
- 4 Confirm the number of accessible lamps after the test shows no abnormalities

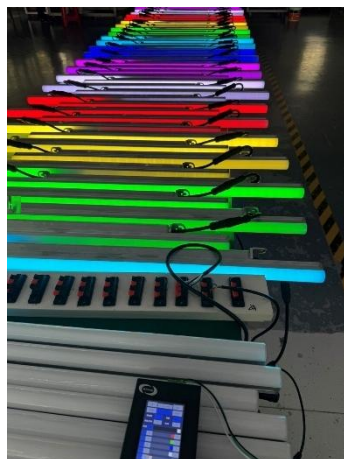
Test results: 22 units of LLS-OP-W30A-L9-DMX (100-120V) and 50 units (220-277V) can be powered on normally without any abnormalities.

Confirm that the signal-controlled LLS-OP-W30A-L9-DMX lamps can withstand and be connected to 16 units. The conclusion of this experiment is only responsible for the samples.

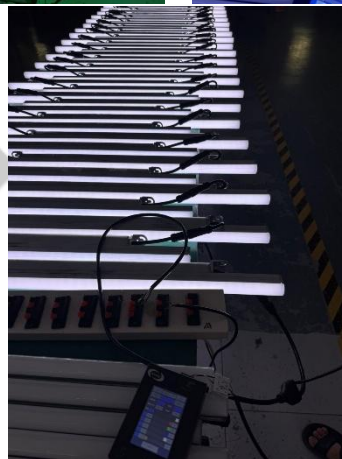
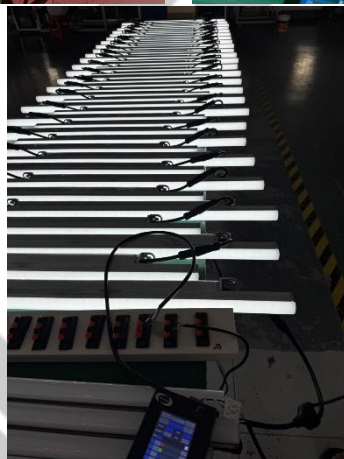
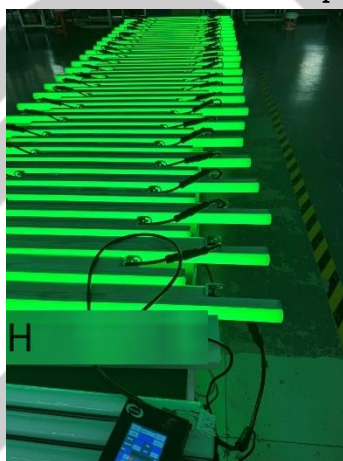
Test data:

1. According to the connection diagram, when the power supply is loaded, one Y-type connection line can carry up to 50 lamps working simultaneously



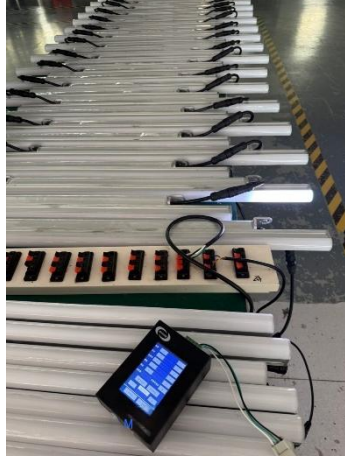


2. Use the controller control to confirm that the lamps are monochromatic and fully lit



(R-G-B-W- Full light)

3. Use the controller control to confirm the lamp function



(Confirm address rendering)