

TEST REPORT

Product Name: Fixed LED lighting fixtures (linear lights)

Product Model: LLS-OP-D50-L12

Test Category: Low-temperature startup test

Customer: TPK OPTOELECTRONIC TECH CO., LTD

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report time: JUN 30, 2025

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TPK OPTOELECTRONIC TECH CO., LTD

Inspection report

Test items	Low-temperature startup test
Test Object	LLS-OP-D50-L12-RDM
Detection Purposes	Whether it can be turned on in a low-temperature test
Test time	Start 2025-6-30 End: 2025-6-30

Testing instruments: Controlled constant temperature and humidity chamber, controller, power supply

Test method and procedure:
1 Place LLS-OP-D50-L12-RDM-P in a constant temperature and humidity chamber and set the parameter to -20℃ for 120 minutes
2 Test whether the lamp can be lit normally after the experiment is completed

Test results: LLS-OP-D50-L12-RDM-P lights up normally after 120 minutes of continuous exposure to ambient temperature -20℃; The conclusions of this experiment are only applicable to the sample.

Test data:
1. The luminaires were placed in a temperature environment of -20℃ for 2 hours for a total of 120 minutes



2. After being placed for 2 hours, the lamp can light up normally (by default).



3. Confirm the single-side functional color (R-G-B-W-all on)

