

TEST REPORT

Product Name: Fixed LED (spot light)

Product Model: SP-DKP-F170-16P-RDM

Test Category: Low-temperature startup test

Customer: TPK OPTOELECTRONIC TECH CO., LTD

Tested by: Huang Wenliang

Checked by: Chen Hairui

report time: JUL 20, 2025

广东泰然实业有限公司
TPK OPTOELECTRONIC TECH CO., LTD

Inspection report

Test items	Low-temperature startup test
Test Object	SP-DKP-F170-16P-RDM
Detection Purposes	Whether it can be turned on in a low-temperature test
Test time	Start 2025-7-20 End: 2025-7-20
Testing instruments: Controlled constant temperature and humidity chamber, controller, power supply	
Test method and procedure: 1 Place SP-DKP-F170-16P-RDM in a constant temperature and humidity chamber and set the parameter to -20°C for 120 minutes 2 Test whether the lamp can be lit normally after the experiment is completed	
Test results: SP-DKP-F170-16P-RDM lights up normally after 120 minutes of continuous exposure to ambient temperature -20°C; The conclusions of this experiment are only applicable to the sample.	
Test data: 1. The luminaires were placed in a temperature environment of -20°C 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)

