

TEST REPORT

Product Name: Fixed LED (spot light)

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

Test Category: Safety tests

Customer: TPK OPTOELECTRONIC TECH CO., LTD

Tested by: Huang Wenliang

Checked by: Chen Hairui

report time: JUL 24, 2025

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

Inspection report

Test items	Safety tests (grounding, withstand voltage, insulation)
Object to be tested	SP-DKP-F170-16P-RDM
Detection Purposes	Verify and confirm whether the safety performance of the SP-DKP-F170-16P-RDM luminaires meets the standard requirements
Test Time	Start 2025-7-24 End: 2025-7-24

Testing equipment: Withstand voltage tester, ground tester, insulation tester, multimeter, voltmeter, connecting wire, power supply

Test Method and procedure:

1 Measure whether the lamp body is in compliance with safety regulations and light the lamp to confirm

2 Use a ground tester to measure whether the values are within the standard requirements

3 Use a withstand voltage tester to measure whether the values are within the standard requirements

4 Use an insulation tester to measure whether the values are within the standard requirements

5 Confirm the luminaires after testing, lighting confirmation function (R-G-B-W- all on)

Test results: The SP-DKP-F170-16P-RDM lamp did not show any non-conformities in the safety regulations tests (grounding, withstand voltage, insulation), and functions normally. The conclusion of this experiment is only responsible for the sample.

Test standard: Document requirements

At present, when the time is set, the instrument will automatically stop the test. The Yihi product has passed the test. 5. In the test device, if there is a "ground overcurrent" warning sign that does not meet the requirements, the stop should be maintained. If the stop is not maintained, the test will be stopped. 5. Notes: 1. Special workers must also be new. 2.4 During each test, no club is allowed. 3. The alarm will only be triggered when the overcurrent exceeds 30 hours. 4. After the test is completed, it is in the "test position" state. The wiring can be removed. 5. Clear input is upward. It is used to set the medium voltage as, and then remove it as needed. III. Contents and methods of operation inspection: Prepare one month of gold ginseng dance at 0.10336 5. To test the frequency of the test, the test current will be the same, check if it is not connected to the line. Test current Notes 1. Mouth 2. Mouth 3. Mouth 4. Mouth 5. Mouth 6. Mouth 7. Mouth 8. Mouth 9. Mouth 10. 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Before Wang used the light press and the upward stroke test length, I instructed the students to study the characteristics, methods and safety items of the test length 1. In the operation, the test length should be considered to ensure safety and accuracy 3. Book the full ring, absolute power, full (thru), let go, and record at a fixed speed 3 Full swimming three eyes 4.6 Each (The above steps and notes can ensure accurate production and safety, and also determine whether the equipment is in good condition) 4. Insulation standards 1. The test length should be > 200 steps and the test device is > 400 mm (generally through months) 1. New 2. New 3. New 4. New 5. New 6. New 7. New 8. New 9. New 10. New 11. New 12. New 13. New 14. New 15. New 16. New 17. New 18. New 19. New 20. New 21. New 22. New 23. New 24. New 25. New 26. New 27. New 28. New 29. New 30. New 31. New 32. New 33. New 34. New 35. New 36. New 37. New 38. New 39. New 40. New 41. New 42. New 43. New 44. New 45. New 46. New 47. 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Pre-test confirmation: Measure whether the lamp body is in compliance with safety regulations, and light to confirm that the lamp is lit normally



Test data:

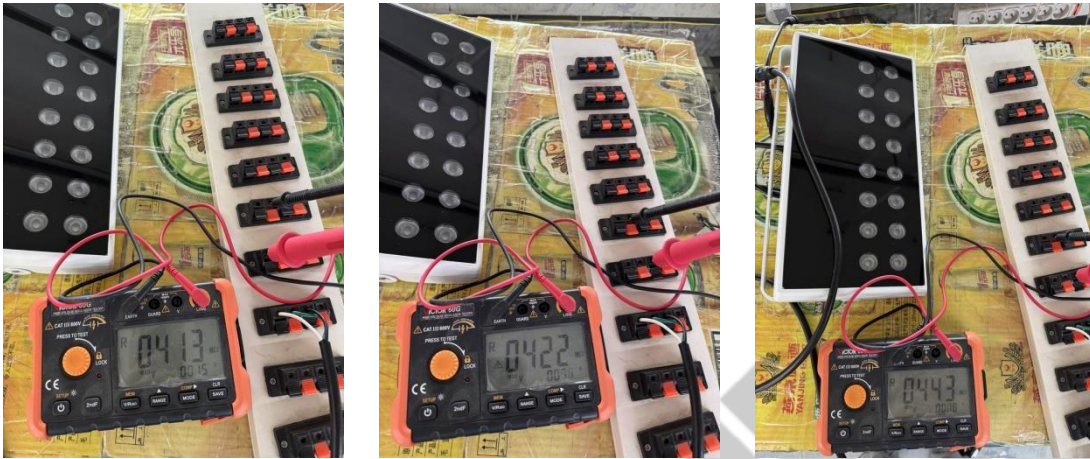
1. Ground test: Test with a ground tester (qualified)



2. Withstand voltage test: Test the luminaire using a withstand voltage tester (pass the test)



3. Insulation test: Test luminaires using an insulation tester (pass the test)



Test confirmation: Functioning properly (R-G-B-W- all on)

