

Test report

Test items	Switch shock test
Test object	SP-F310A-40P-RDM
Purpose of detection	Verify the number of switch shocks of SP-F310A-40P-RDM lamps
Test time	2024.10.30-2024.11.7
Testing equipment	Switch impact test equipment, test line, controller
Test final conclusion: SP-F310A-40P-RDM sample lamps can pass 10080 impact test requirements; The results of this experiment are only responsible for the sample results.	
Test criteria: industry experience Test data: 1. Record the state of the sample before the test.	
 Product in good condition	
Test method: 2. The LED lamp is placed in a 25℃~35℃ ambient temperature environment: 3. The flashing speed of the LED lamp is adjusted to the minimum frequency through the controller 4. Time 10.30-11.7 Turn on the power (220V), light the lamp for 168H, and observe whether the lamp is damaged, the material is deformed by heat, and the lamp is dead or the function is abnormal 5. After the lighting test, the lamp is controlled by the switch to carry out the impact test in this environment. The test is set to light 30s, turn off 30s, and cycle 60 times in 1 hour. 1 day cycle 1440 times, 7 days 10080 times	

Test procedure:



Testing Requirements

6. Lamps after a long time impact test, can not occur leakage, lighting does not light electrical abnormal phenomenon

Test results



Single test functional color (R-G-B-W- All bright)

7. After the end of the switch impact test, record the sample function data: no abnormal phenomenon such as not bright

Test results:

Through the appeal test data, it is proved that SP-F310A-40P-RDM has no abnormal function after 10080 times of on-off impact test.

测试人: 黄文亮

审核人: 陈海瑞

日期: 2024.11.8