

Test Report

Report No.: GZES240100143131

Date: 2024-01-26

The following sample(s) was/were submitted and identified on behalf of the client as:

Applicant: SHEN ZHEN IK TECHNIK CO., LIMITED
4/F, Building 4, Tongtai Times Center, Fuyong, Bao'an, Shenzhen, 518103, Guangdong, China

Manufacturer: Same as applicant

Testing location/address: SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch
198 Kezhu Road, Science City, Economic & Technology Development Area, Guangzhou, Guangdong, China

Test item description: LED strip light

Model/Type for test: IK-FSL-001PD

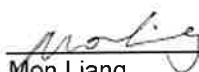
Rating: 220 – 240 V; 50 Hz / 60 Hz; 13 W

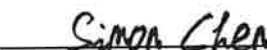
Test specifications / Test standard: IP65 test / IEC 60529: 1989 + A1: 1999 + A2: 2013

Purpose of examination: Test according to the test specification

Test result: See page 3

Remark: Throughout this report a comma is used as the decimal separator.
No decision rule is specified by standard, when comparing the measurement result with the applicable limit according to the specification in that standard. The decisions on conformity are made without applying the measurement uncertainty ("simple acceptance" decision rule, previously known as "accuracy method").


Mon Liang
Reviewer
E&E Safety Laboratory


Simon Chen
Project Engineer



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Summary of testing:

1. The submitted appliances were found to be in compliance with the IP65 requirement of IEC 60529: 1989 + A1: 1999 + A2: 2013.

Test item particulars

Equipment mobility..... Portable
 Operating condition..... Continuous
 Class of equipment..... Class II
 Mass of equipment..... —
 Supply construction..... Non-detachable flexible cable fitted with a plug

Possible test case verdicts:

- test case does not apply to the test object..... N/A (not applicable)
- test object does meet the requirement..... P (Pass)
- test object does not meet the requirement..... F (Fail)

Testing

Date of receipt of test item..... 2024-01-18
 Date (s) of performance of tests..... 2024-01-18 to 2024-01-24

General product information:

LED strip light.



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Test Results:

IEC 60529		
Clause	Remarks	Verdict
1. Scope and object		—
2. Normative reference		—
3. Definitions		—
4. Designations		—
5. Degrees of protection against access to hazardous parts and against solid foreign objects indicated by the first characteristic numeral	IP6X	P
6. Degrees of protection against ingress of water indicated by the second characteristic numeral	IPX5	P
7. Degrees of protection against access to hazardous parts indicated by the additional letter		N/A
8. Supplementary letter		N/A
9. Examples of designations with the IP code		—
10. Marking		N/A
11. General test requirements		P
12. Test for protection against access to hazardous parts indicated by the first characteristic numeral	IP6X; The test wire did not enter the enclosure.	P
13. Test for protection against solid foreign objects indicated by the first characteristic numeral	IP6X; No deposit of talcum powder inside the enclosure.	P
14. Test for protection against water indicated by the second characteristic numeral	IPX5; No water entered the enclosure.	P
15. Test for protection against access to hazardous parts indicated by the additional letter		N/A



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Photo documentation:

Details of: General view

View:

- ☒ general
- ☐ front
- ☐ rear
- ☐ right
- ☐ left
- ☐ top
- ☐ bottom



Details of: Rectifier, the enclosure is completely sealed

View:

- ☒ general
- ☐ front
- ☐ rear
- ☐ right
- ☐ left
- ☐ top
- ☐ bottom



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Details of: Connector

View:

- ☒ general
- ☐ front
- ☐ rear
- ☐ right
- ☐ left
- ☐ top
- ☐ bottom



Details of: Internal view of connector

View:

- ☒ general
- ☐ front
- ☐ rear
- ☐ right
- ☐ left
- ☐ top
- ☐ bottom



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Details of: Connector

View:

- ☒ general
- ☐ front
- ☐ rear
- ☐ right
- ☐ left
- ☐ top
- ☐ bottom



Details of: Internal view of connector

View:

- ☒ general
- ☐ front
- ☐ rear
- ☐ right
- ☐ left
- ☐ top
- ☐ bottom



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Details of: Connector with end cover

View:

- ☒ general
- ☐ front
- ☐ rear
- ☐ right
- ☐ left
- ☐ top
- ☐ bottom



Details of: Internal view of connector with end cover

View:

- ☒ general
- ☐ front
- ☐ rear
- ☐ right
- ☐ left
- ☐ top
- ☐ bottom



--- End of Report ---



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