

## Test Report

Report No: GZES160600792031

Date: 2016-06-16

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

Applicant : Shenzhen Clear Lighting Co., Ltd.  
901, Block B, (south Area) Zhuoyue Meilin Center Plaza, Futian District, Shenzhen,  
China

Manufacturing location : Same as applicant

Test object : LED Ribbon light

Model : C-FR-F10X/F11X/F15X/F16X/F17X/F21X/F22X(Snap type front connector)

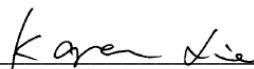
Test specifications / Test standard : IPX8 of IEC 60529: 1989 + A1: 1999 + A1: 2013

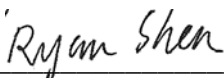
Purpose of examination : Test according to the test specification.

Test result : In the opinion of SGS-CSTC the presented unit was found to be in compliance with the test specification.

Remark : Throughout this report a comma (point) is used as the decimal separator.  
When determining for test conclusion, measurement uncertainty of tests has been considered.



  
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Karen Xie  
Reviewer  
Safety Laboratory

  
\_\_\_\_\_  
Ryan Shen  
Project Engineer

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<b>Copy of marking plate</b> <hr/>
<b>Summary of testing:</b> Test condition which is specified by client: Fox IPX8: The test is made by completely immersing the enclosure in water in its service position as specified by the manufacturer so that the following conditions are satisfied: 1. LED Ribbon light was subjected to a water pressure of 1,3 times that pressure which immersing 2 m depth in water. 2. The duration of the test is 4 hours. After test, no water entered into the product.

<b>Test item particulars</b> ..... : Equipment mobility..... : Portable Operating condition..... : Continuous Class of equipment..... : Class III Degree of protection ..... : IPX8 Mass of equipment..... : 0,82 kg Supply construction..... : DC connector
<b>Possible test case verdicts:</b> - 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)
<b>Testing</b> Date of receipt of test item..... : 2016-06-08 Date (s) of performance of tests..... : 2016-06-15
<b>General product information:</b> LED Ribbon light, power by DC connector; LED used; Class III; IPX8.

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<b>IEC 60529: 1989 + A1: 1999 + A1: 2013</b>		
<b>Clause</b>	<b>Remarks</b>	<b>Verdict</b>
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		N/A
6. Degrees of protection against ingress of water indicated by the second characteristic numeral	IPX8	Pass
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		N/A
10. Marking		N/A
11. General test requirements		Pass
12. Test for protection against access to hazardous parts indicated by the first characteristic numeral		N/A
13. Test for protection against solid foreign objects indicated by the first characteristic numeral		N/A
14. Test for protection against water indicated by the second characteristic numeral	IPX8	Pass
15. Test for protection against access to hazardous parts indicated by the additional letter		N/A

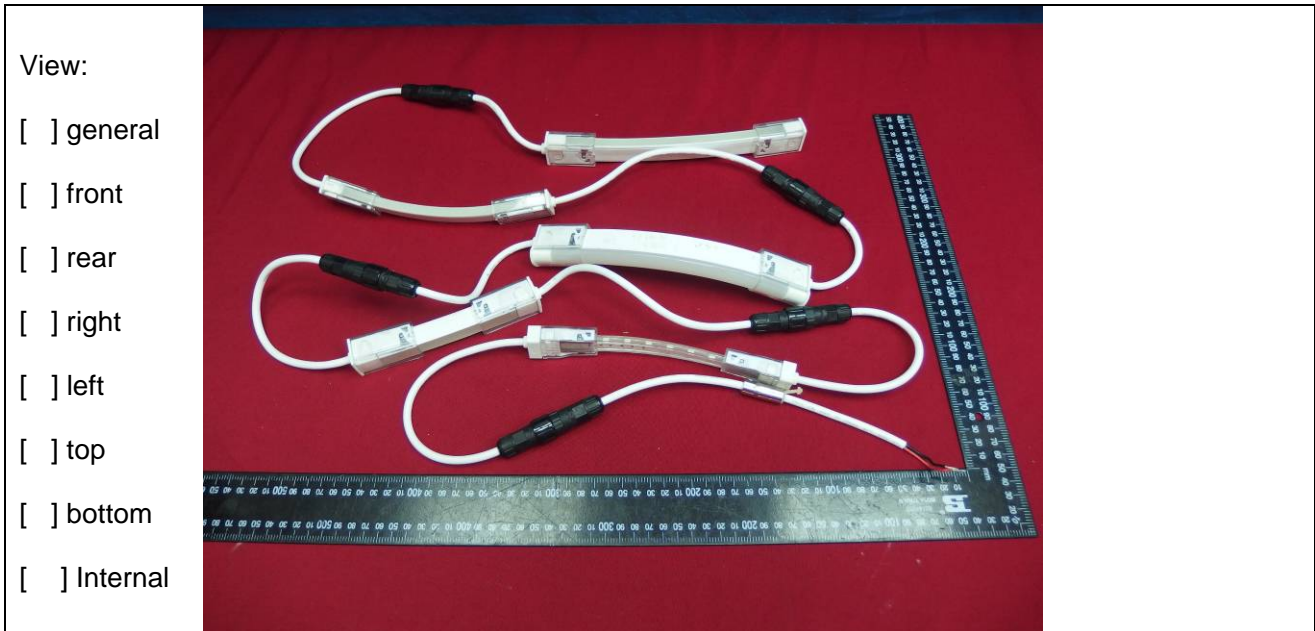
## Test Report

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### Photo document

Details of: General view



Details of: Connector



## Test Report

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Details of: Connector

View:

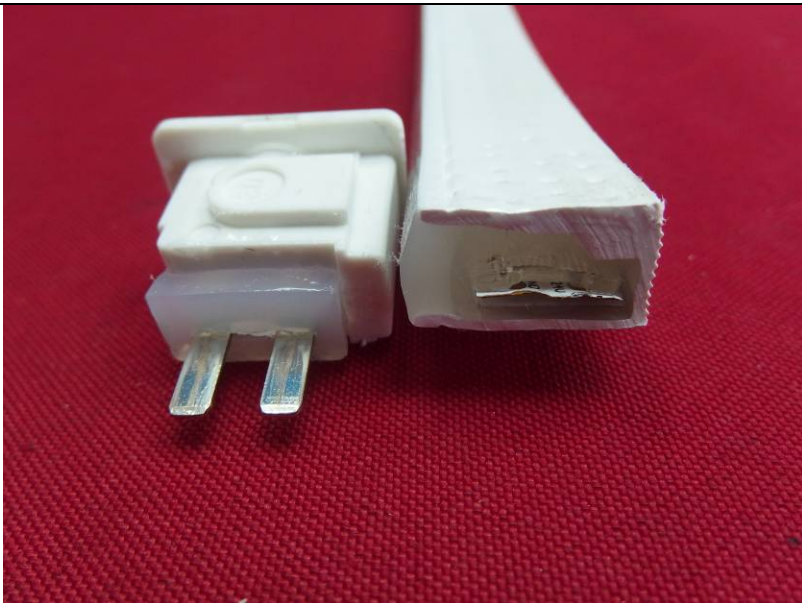
- general
- front
- rear
- right
- left
- top
- bottom
- Internal



Details of: After test

View:

- general
- front
- rear
- right
- left
- top
- bottom
- Internal



--- End of Report ---