

Test Report

Report No: GZES160600792131

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- F16X/F17X (Molding front connector or end cap)

Test specifications / Test standard : IPX5 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.



Karen Xie

Karen Xie
Reviewer
Safety Laboratory

Ryan Shen

Ryan Shen
Project Engineer

Copy of marking plate <hr/>
Summary of testing: (1) After test, no water entered into the product. The submitted sample was found to be in compliance with IPX5 of EN 60529: 1991 + A1: 2000 + A2: 2013.

Test item particulars..... : Equipment mobility.....: Portable Operating condition.....: Continuous Class of equipment.....: Class III Degree of protection: IPX5 Mass of equipment.....: 0,20 kg Supply construction.....: DC connector
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..... : 2016-06-08 Date (s) of performance of tests..... : 2016-06-15
General product information: LED Ribbon light, power by DC connector; LED used; Class III; IPX5.

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IEC 60529: 1989 + A1: 1999 + A1: 2013		
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		N/A
6. Degrees of protection against ingress of water indicated by the second characteristic numeral	IPX5	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	IPX5	Pass
15. Test for protection against access to hazardous parts indicated by the additional letter		N/A

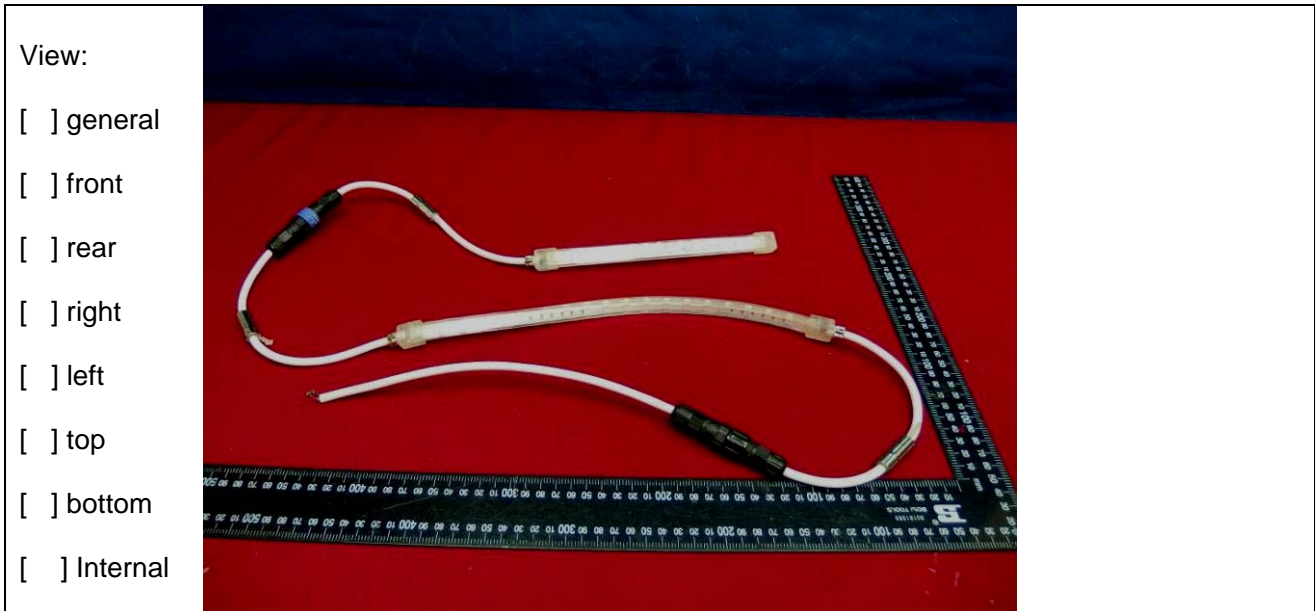
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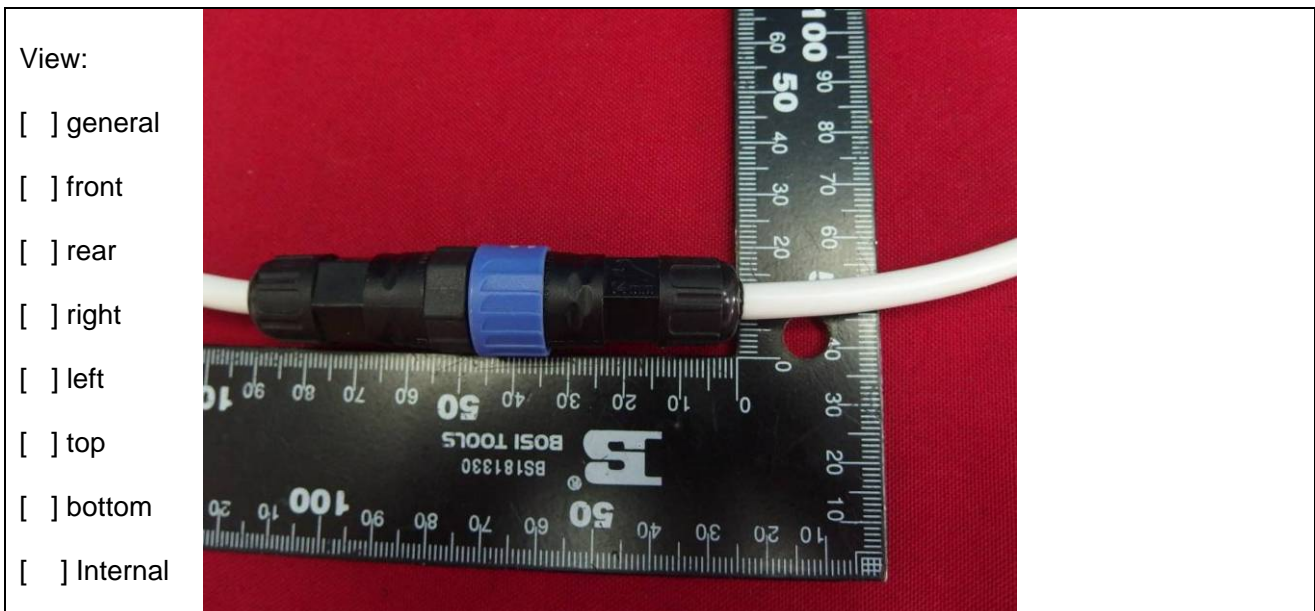
Date: 2016-06-16

Photo document

Details of: General view



Details of: Connector



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Details of: Connector

View:

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



Details of:

View:

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



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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 ---