

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 Test accordin

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

Safety Laboratory

Ryản Shen

**Project Engineer** 

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#### Copy of marking plate

#### Summary of testing:

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.

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 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

#### 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; IPX8.



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### **Test Result:**

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	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	



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#### **Photo document**

Details of: General view



Details of: Connector





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Details of: Connecter



Details of: After test



--- End of Report ---