

LEDELS LIGHTING CO LTD

5F, BLDG C, MINGJINHAI IND. PARK, ZHOUSHI ROAD, SHIYAN, BAO'AN, SHEN ZHEN, GUANGDONG, CHINA

The following merchandise was submitted and identified by the vendor as:

Sample Description: LED MODULES
Style / Item No.: LL-F12TXX15W3C
Quantity: 1pcs
SGS Refer No.: CP15-050712
Sample receiving Date: Sep. 02, 2015
Test period: Sep. 02, 2015 to Sep. 08, 2015
Test Requested: Waterproof Test-IPX5
Test Method: Refer to IEC 60529-2013+CORR-2013+CORR2-2015 Clause 14.2.5 & Clause14.3.
Test Result(s): For further details, please refer to the following page(s)

Signed for and on behalf of

SGS-CSTC Ltd. Shenzhen Branch



Reliability Lab

James Zhu

Engineer

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SGS Bldg, No. 4, Jianghao Industrial Park, No. 430, Jihua Road, Bantian, Longgang District, Shenzhen, China. 518129 t (86-755) 8602 7257 f (86-755) 8934 0872 www.sgsgroup.com.cn
中国·深圳·龙岗区坂田吉华路430号江灏工业园4栋SGS大楼 邮编: 518129 t (86-755) 8602 7257 f (86-755) 8934 0872 e sgs.china@sgs.com

1. Waterproof Test-IPX5

1.1 Test Method/ Specification or Clients' Requirement:

a) Test Method/Specification:

Refer to IEC 60529-2013+CORR-2013+CORR2-2015 Clause 14.2.5 & Clause14.3.

Test condition:

- Internal diameter of the nozzle: 6.3 mm;
- Delivery rate: 12.5 l/min ± 5 %;
- Test duration: 3 min;
- Distance from nozzle to enclosure surface: between 2.5 m and 3 m.

b) Acceptance condition:

If any water has entered, it shall not:

- Be sufficient to interfere with the correct operation of the equipment or impair safety;
- Deposit on insulation parts where it could lead to tracking along the creepage distances;
- Reach live parts or windings not designed to operate when wet;
- Accumulate near the cable end or enter the cable if any.

If the enclosure is provided with drain-holes, it should be proved by inspection that any water which enters does not accumulate and that it drains away without doing any harm to the equipment.

For enclosures without drain-holes, the relevant product standard shall specify the acceptance conditions if water can accumulate to reach live parts.

1.2 Test Result:

Sample Style	Sample No.	Function Inspection		Result
		Before test	After test	
LL-F12TXX15W3C	1#	Pass	Pass	Satisfied



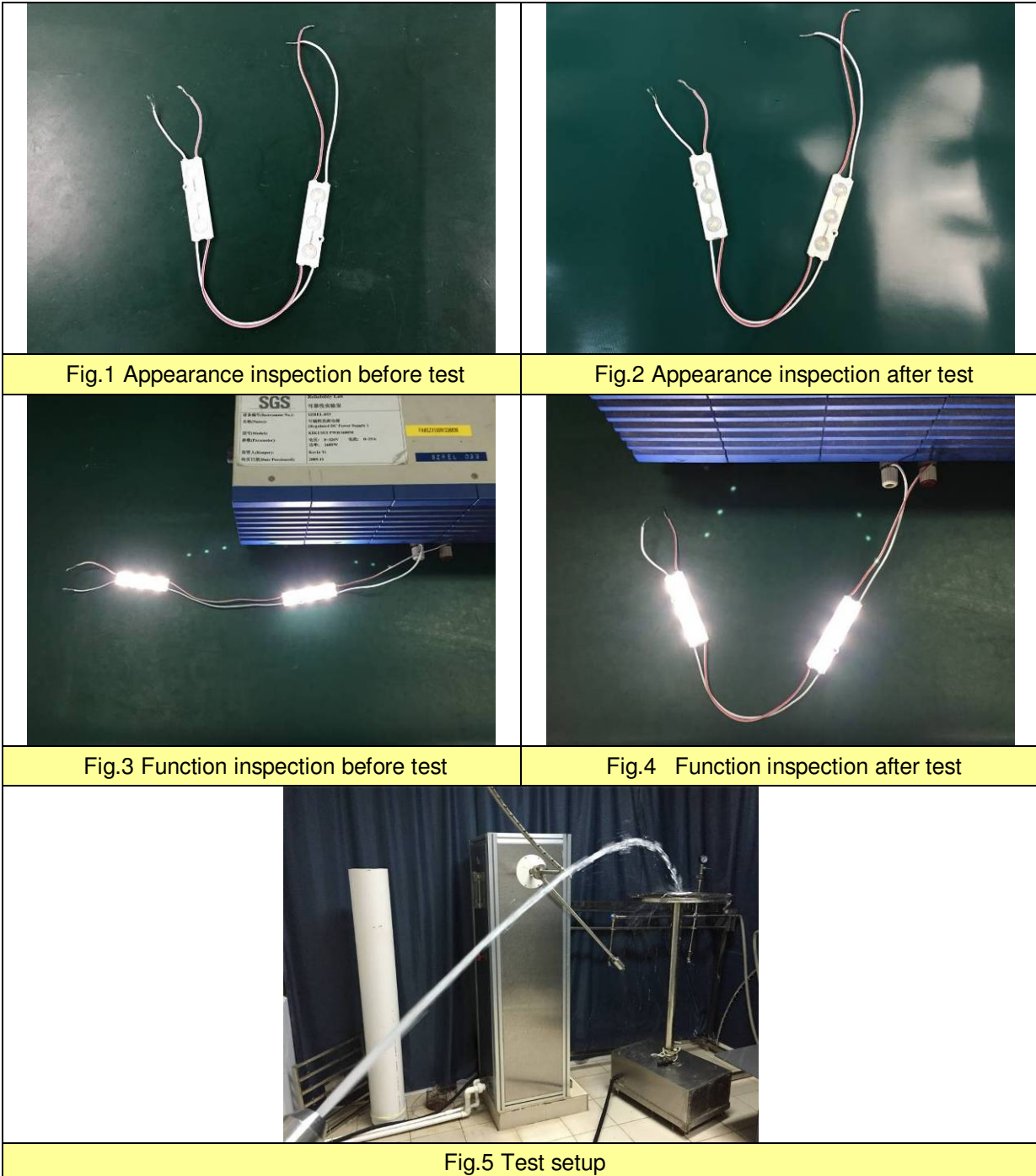
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SGS-CTI Standards Technical Service Co., Ltd.
Shenzhen Branch, Standards Technical Service Laboratory

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1.3 Test Photos:



End of Report



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