

Report No.	CKT180522-003-03R
Total Pages	8

TEST REPORT

Sample Acciaio BX920 LED Series

Type /

Client Beghelli Canada Inc.

Manufacturer Beghelli Canada

 **CHINA KUN TESTING**

TRF No. **CKT0051**



Test Report

Client: Client: Beghelli Canada Inc.
Address: 3900 14th Avenue

Manufacturer: Beghelli Canada

Date Submitted: 2018-05-22

Sample Name: Acciaio BX920 LED Series

Sample Quantity: 1pcs

Test Item: Waterproof test Neutral salt spray test

Test periods: 2018-05-22~2018-07-26

Test Method: NEMA 250-2014 Enclosures for electrical equipment (1000 Volts Maximum. ASMT B117 Standard Practice for Operating Salt Spray (Fog) Apparatus & the client's requirements.

Test Ambient: Temperature 22~28°C, Humidity 45~70%RH, Air pressure:101kPa

Test Instruments: Salt Spray Test Chamber Model: F-130B S.N.: CKT0009
Rain Tester Model: AK-106 S.N.:CKT0146

Test Result: Refer to page 5-7.

Remark: /

 CHINA KUN TESTING



Prepared:

Yin Jinshan

Yin Jinshan

DATE : 2018-07-26

Supervised:

Ni Liang

Ni Liang

DATE : 2018-07-26

Approved:

Du Haiyu

Du Haiyu

DATE : 2018-07-26

Remark: The results shown in this test report refer only to the sample(s) tested unless otherwise stated this test report shall not be reproduced, except in full, without written approval of the Company. The content or appearance of this test report without written authorization to change or modify behavior is illegal.



1 Sample Description

1pcs were submitted by the client for test. The sample description was shown in Table 1. The representative appearance photo of the sample before test was shown in Fig.1.

Table 1 Sample Description

Sample Name	Quantity	Sample No.	Test Item	Photo
Acciaio BX920 LED Series	1pcs	180522003R003	Waterproof test Neutral salt spray test	Fig.1

Sample Description: Model: Acciaio BX920 LED Series

HOUSING:

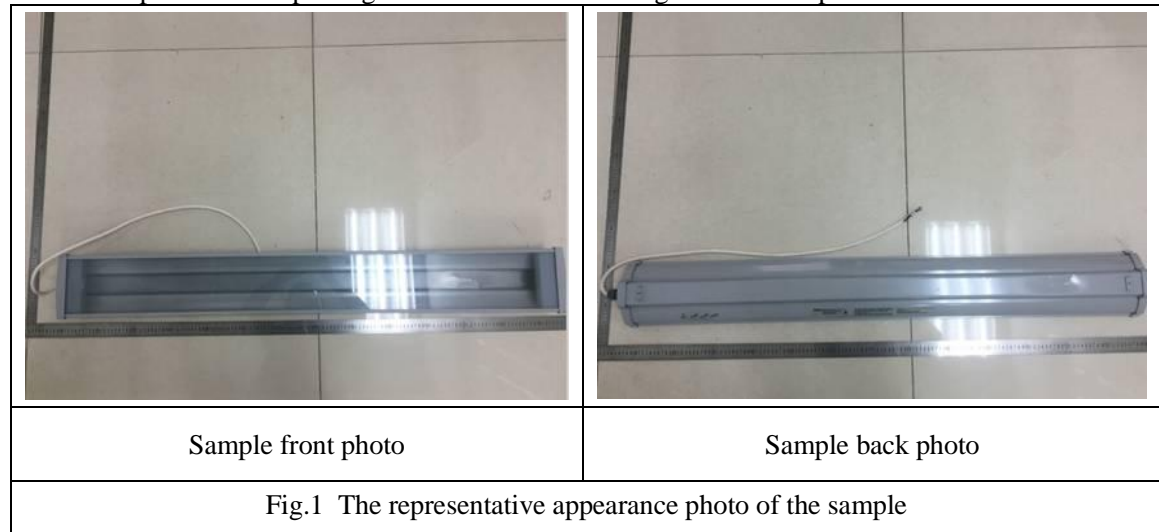
24 gauge rolled steel with powder coat finish, die-cast aluminum end caps secured to the housing by one stainless steel screw

REFLECTOR:

Parabolic polished aluminum reflector, medium distribution

DIFFUSER:

3mm microprismatic tempered glass diffuser for reduced glare. IK09 impact resistance



2 Testing Process

According with< NEMA 250-2014 Enclosures for electrical equipment (1000 Volts Maximum.>,< ASMT B117-16 Standard Practice for Operating Salt Spray (Fog) Apparatus> & the client’s requirements, Waterproof test and Neutral salt spray test were performed. Test conditions were shown in Table 2. The testing process photos were shown in Fig.2.

Remark: The results shown in this test report refer only to the sample(s) tested unless otherwise stated this test report shall not be reproduced, except in full, without written approval of the Company. The content or appearance of this test report without written authorization to change or modify behavior is illegal.



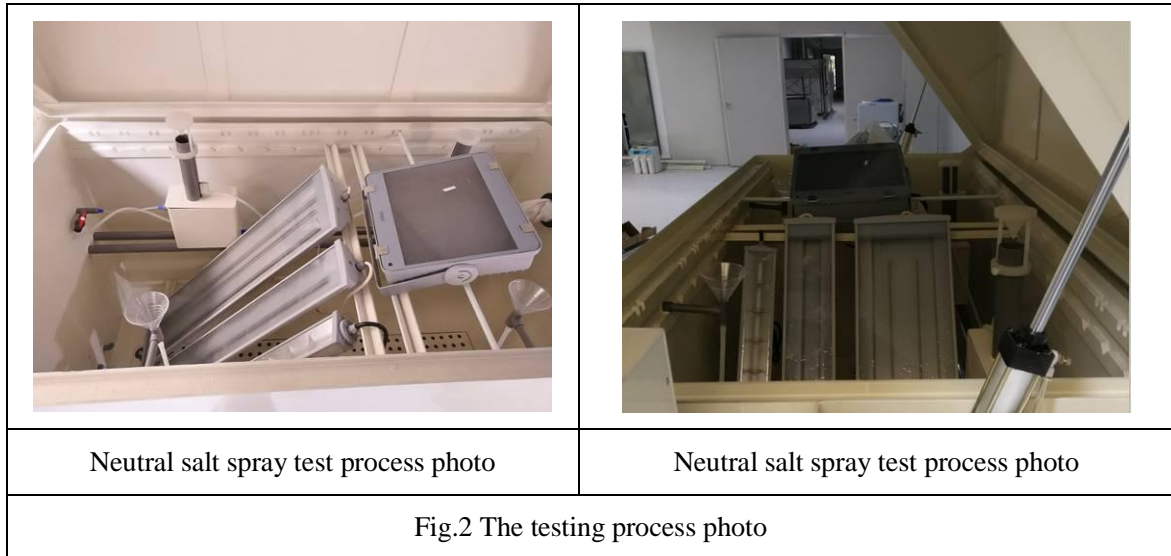
Table 2 Test conditions

Test Item	Test conditions
Waterproof test Clause 5.7.1	Hose diameter : 25 mm(1 in) Water spray: 240L/min Distance: 3.0 to 3.5 m(10 to 12 feet)
Neutral salt spray test Clause 5.9.1	Salt solution concentration: 50g/L±5g/L Temperature: 35±2°C PH: 6.5~7.2 Mist volume: 1.5±0.5mL/h *80cm ² Duration: 600h



Remark: The results shown in this test report refer only to the sample(s) tested unless otherwise stated this test report shall not be reproduced, except in full, without written approval of the Company. The content or appearance of this test report without written authorization to change or modify behavior is illegal.





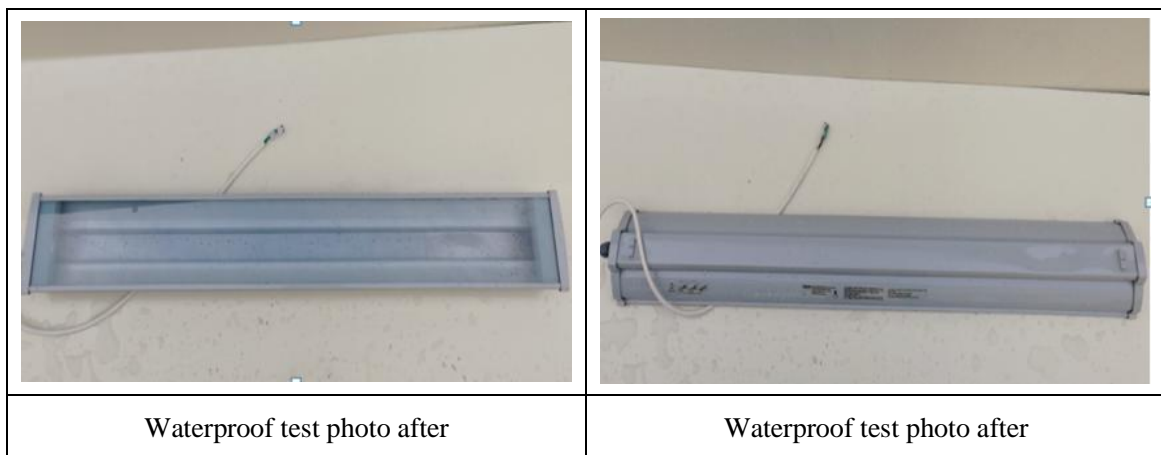
3 Test Result

3.1 Waterproof test

Test results was shown in table 3. The photos after tested were shown in Fig.3.

Table3. Test result

Sample Name	Test item	Sample No.	Test results
Acciaio BX920 LED Series	Waterproof test	180522003R003	No water vapor enters the sample after the test



Remark: The results shown in this test report refer only to the sample(s) tested unless otherwise stated this test report shall not be reproduced, except in full, without written approval of the Company. The content or appearance of this test report without written authorization to change or modify behavior is illegal.





3.2 Neutral salt spray test





Test results was shown in table 4. The photos after tested were shown in Fig.4.

Table4. Test result

Sample Name	Test item	Sample No.	Test results
Acciaio BX920 LED Series	Neutral salt spray test	180522003R003	After 600H salt spray test sample, Slight corrosion on the edge of sample metal and has red rust.

Remark: The results shown in this test report refer only to the sample(s) tested unless otherwise stated this test report shall not be reproduced, except in full, without written approval of the Company. The content or appearance of this test report without written authorization to change or modify behavior is illegal.



	
<p>Neutral salt spray test photo after</p>	<p>Neutral salt spray test photo after</p>
	
<p>Neutral salt spray test partial corrosion photo</p>	<p>Neutral salt spray test partial corrosion photo</p>
<p>Fig.4 The photos after test</p>	

---The End---

Remark: The results shown in this test report refer only to the sample(s) tested unless otherwise stated this test report shall not be reproduced, except in full, without written approval of the Company. The content or appearance of this test report without written authorization to change or modify behavior is illegal.



China Kun Testing Technology Services CO.,Ltd.
Tel: 0510-85038006

ADD: No.9, Huayuan Street, Huishan district, WuXi
web:www.cktts.com

NOTICE

1. The report is invalid without the official seal of test organization.
2. Partly duplicate the report is not premised.
3. The duplicated report is invalid without stamping the original official seal of test organization.
4. The report is invalid without all signatures of the persons who prepared, supervised and approved.
5. The report is invalid if being altered.
6. For commission test we are responsible for the test results of the submitted samples only, The samples are stored for two months.
7. Any objections to the report could be raised to China Kun Testing Technology Services CO., Ltd.



ADD: No.9, Huayuan Street, Huishan district,WuXi.

Tel: 0510-85038006

Fax: 0510-85035006

E-mail: cktts@cktts.com

Website: <http://www.cktts.com>

Remark: The results shown in this test report refer only to the sample(s) tested unless otherwise stated this test report shall not be reproduced, except in full, without written approval of the Company. The content or appearance of this test report without written authorization to change or modify behavior is illegal.



China Kun Testing Technology Services CO.,Ltd.
Tel: 0510-85038006

ADD: No.9, Huayuan Street, Huishan district,WuXi
web:www.cktts.com