

Report No.	CKT180522-003-04R
Total Pages	8

TEST REPORT

Sample Acciaio BX940 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 BX940 LED Series

Sample Quantity: 1pcs

Test Item: Waterproof test Neutral salt spray test

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

Test Method: 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

DATE : 2018-07-26

Supervised:

Ni Liang

DATE : 2018-07-26

Approved:

Du Haiyu

DATE : 2018-07-26

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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 BX940 LED Series	1pcs	180522003R004	Waterproof test Neutral salt spray test	Fig.1

Sample Description: Model: Acciaio BX940 LED Series

HOUSING:

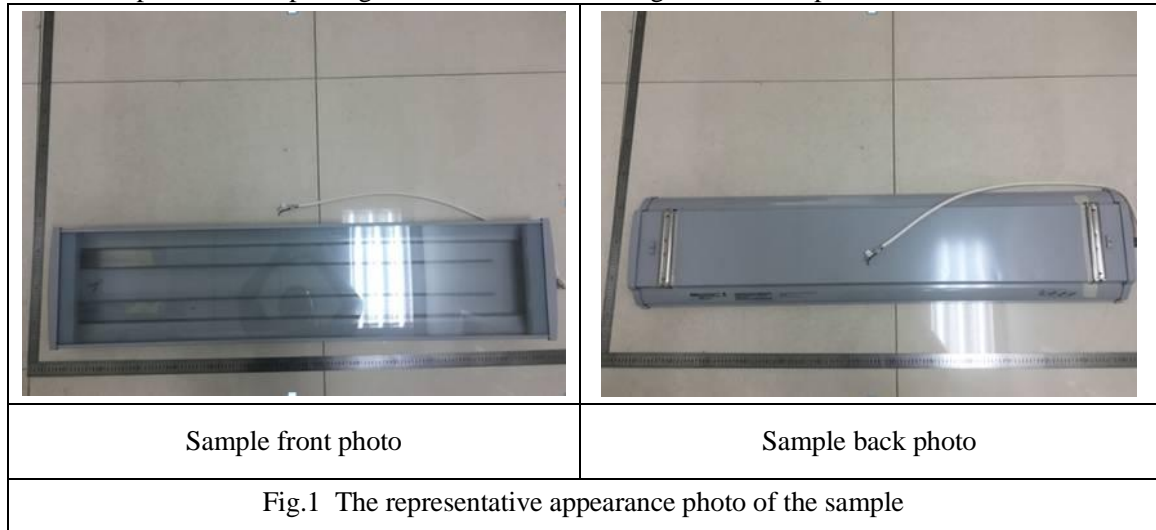
24 gauge rolled steel with powder coat finish, die-cast aluminum end caps secured to the housing by two stainless steel screws

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.

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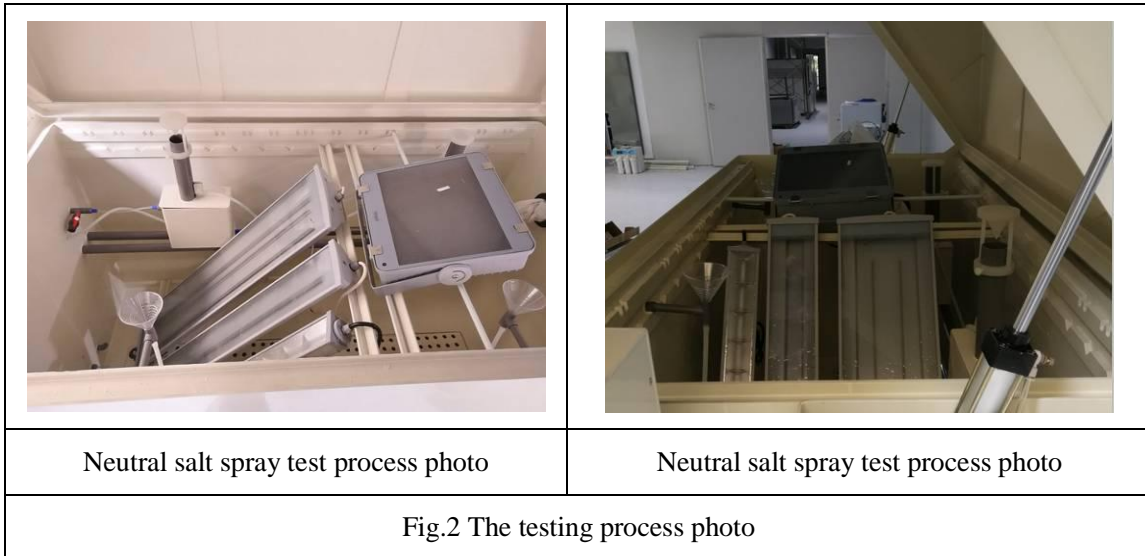
Table 2 Test conditions

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

	
Waterproof test process photos	Waterproof test process photos
	
Water flow and pressure photo	Water pressure photo

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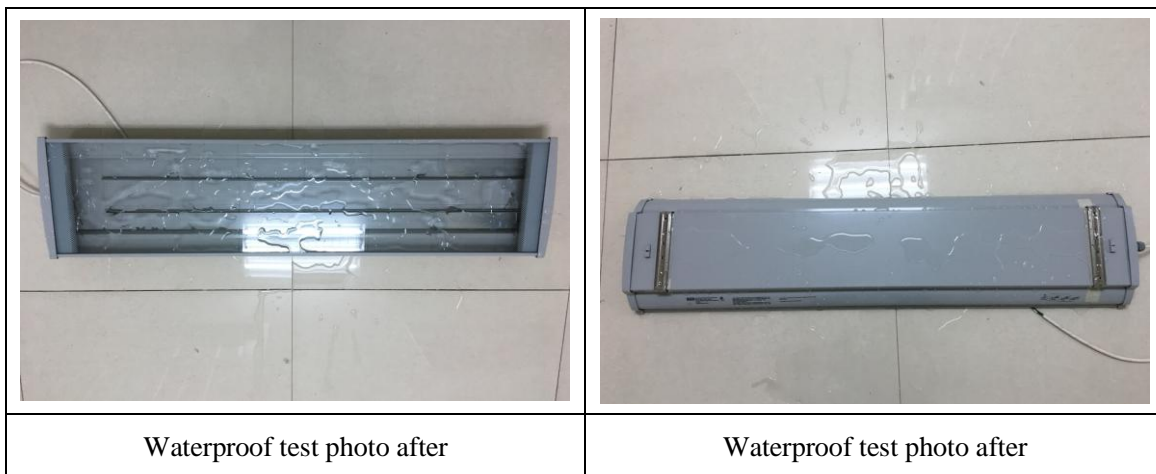
3 Test Result

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 BX940 LED Series	Waterproof test	180522003R004	No water vapor enters the sample after the test



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3.2 Neutral salt spray test



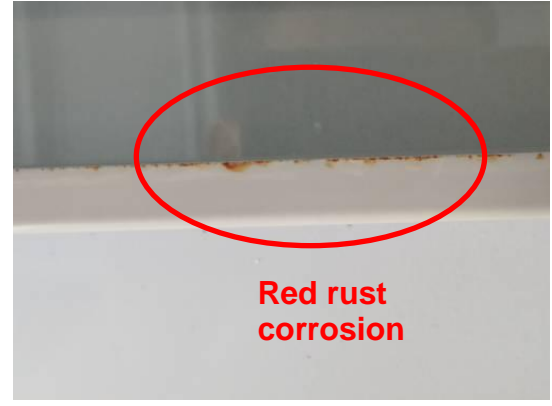
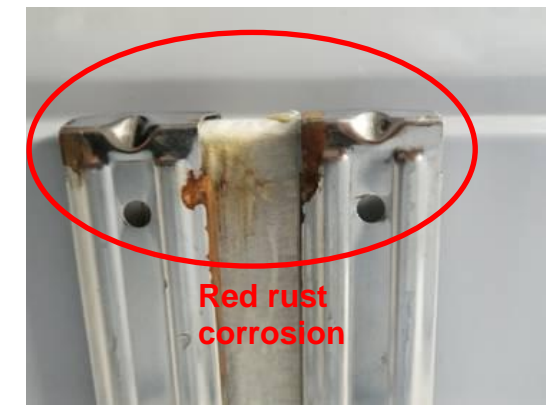
Test results was shown in table 4. The photos after tested were shown in Fig.4.

Table4. Test result

Sample Name	Test item	Sample No.	Test results
Acciaio BX940 LED Series	Neutral salt spray test	180522003R004	After 600H salt spray test sample, The sample metal clasp is slightly corroded and has red rust.

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<p>Neutral salt spray test photo after</p>	<p>Neutral salt spray test photo after</p>
 <p style="text-align: center;">Red rust corrosion</p>	 <p style="text-align: center;">Red rust corrosion</p>
<p>Neutral salt spray test partial corrosion photo</p>	<p>Neutral salt spray test partial corrosion photo</p>
<p style="text-align: center;">Fig.4The photos after test</p>	

---The End---

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