

Report No.	CKT180522-003-02R
Total Pages	8

TEST REPORT

Sample Acciaio ECO BX910 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 ECO BX910 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



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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 ECO BX910 LED Series	1pcs	180522003R002	Waterproof test Neutral salt spray test	Fig.1

Sample Description: Model: Acciaio ECO BX910 LED Series

HOUSING:

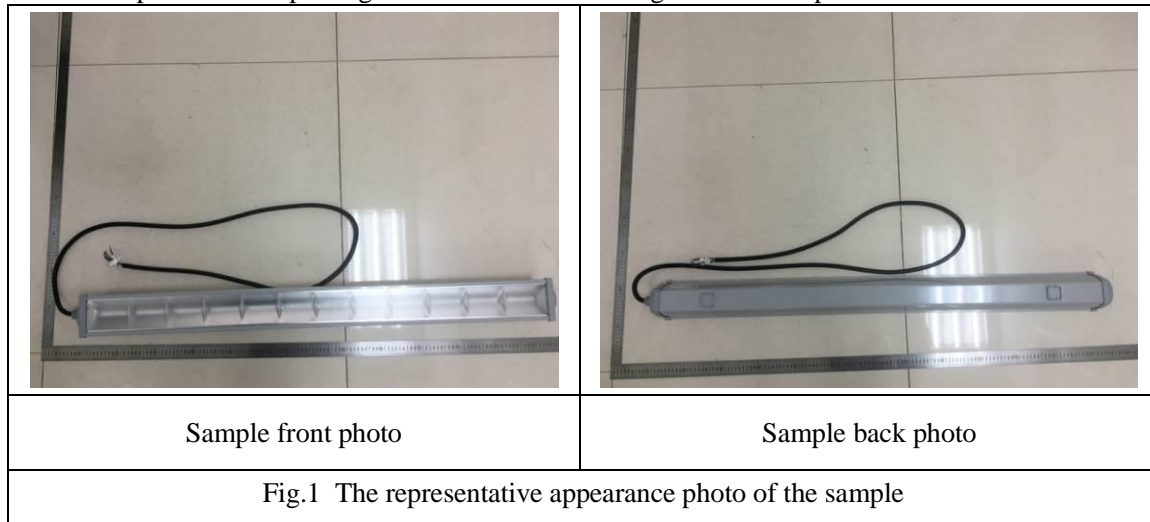
24 gauge rolled steel with powder coat finish, polycarbonate end caps

REFLECTOR:

Parabolic polished aluminum reflector, medium distribution

DIFFUSER:

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



2 Testing Process

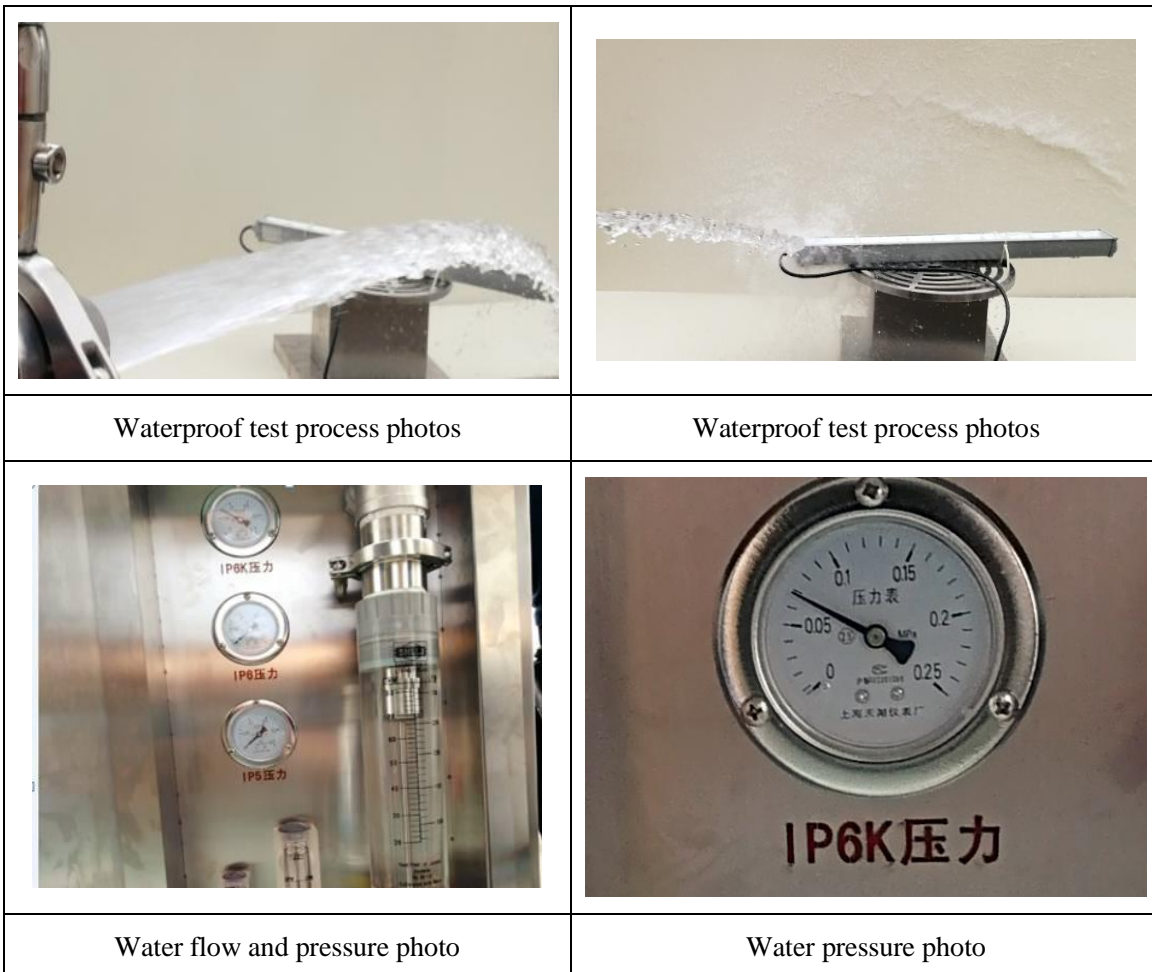
According with< NEMA 250-2014 Enclosures for electrical equipment (1000 Volts Maximum.>,< ASMT B117-16 Standard Practice for Operating Salt Spray (Fog) Apparatus> & the client’s requirements, Waterproof test and Neutral salt spray test were performed. Test conditions were shown in Table 2. The testing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

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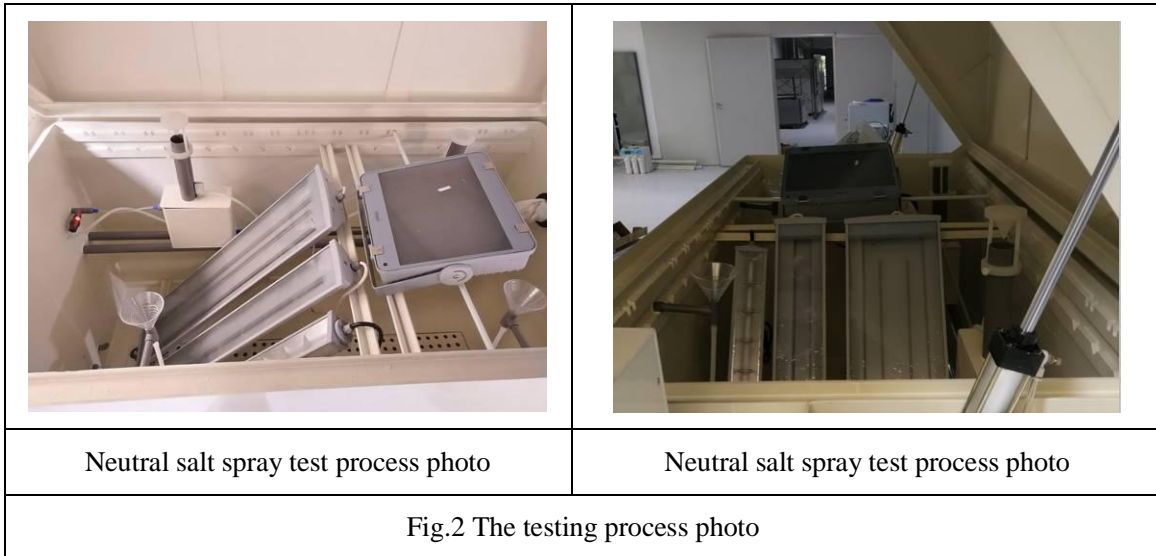
Table 2 Test conditions

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



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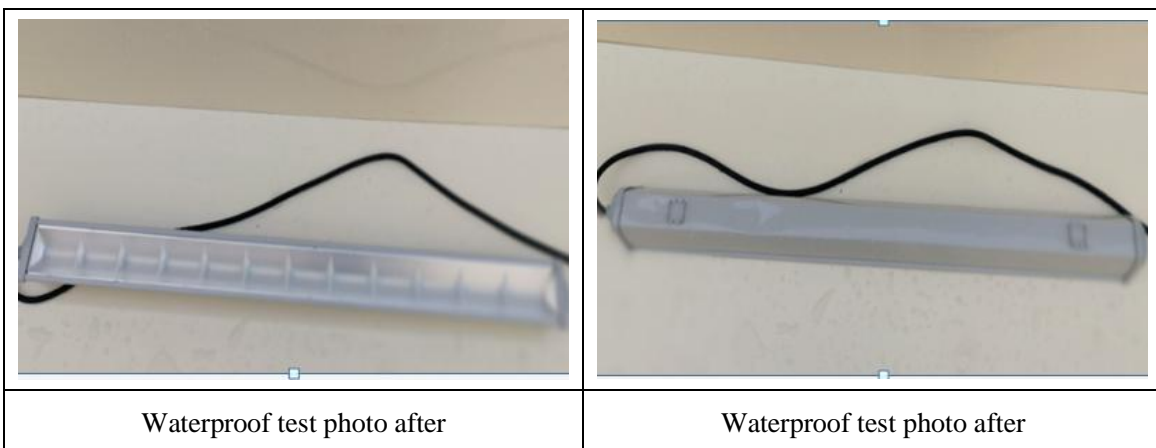
3 Test Result

3.1 Waterproof test

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

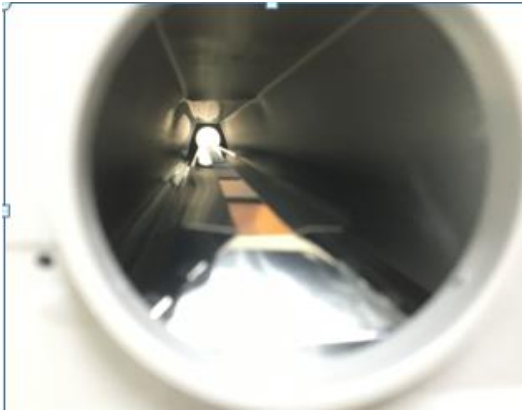
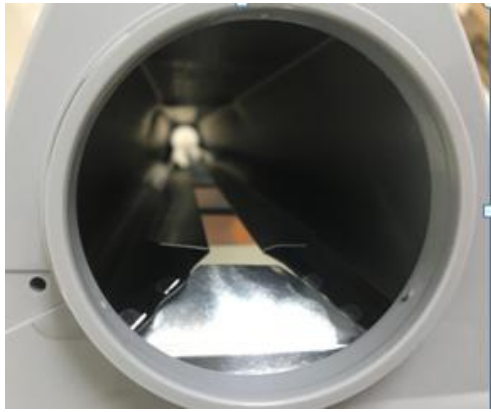

Table3. Test result

Sample Name	Test item	Sample No.	Test results
Acciaio ECO BX910 LED Series	Waterproof test	180522003R002	No water vapor enters the sample after the test



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Waterproof test photo after	Waterproof test photo after
	/
Waterproof test photo after	/
Fig.3 The photos after test	

3.2 Neutral salt spray test

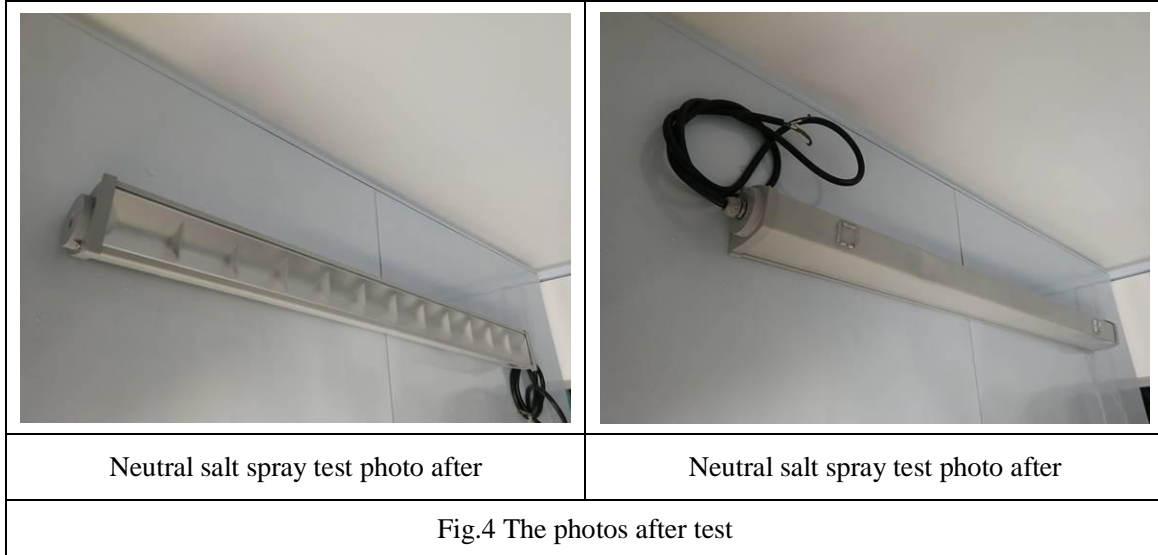
Test results was shown in table 4. The photos after tested were shown in Fig.4.

Table4. Test result

Sample Name	Test item	Sample No.	Test results
Acciaio ECO BX910 LED Series	Neutral salt spray test	180522003R002	After 600H salt spray test sample, No apparent corrosion on the surface of the sample

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