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Job No. G100025203

Date: February 8, 2010

REPORT NO. 100025203CHI-001

RENDERED TO:
EcoFit Lighting LLC
8527 Bluejacket
Lenexa, KS 66214

Test Criteria: The evaluation was a Corrosion Testing of the DuraStreet Light Assembly from EcoFit Lighting LLC.

Statement of Limitation: The test results contained in this report are provided for client information and evaluation. No conclusions are drawn by Intertek.

Standards Used: ASTM B117 Standard Practice for Operating Salt Spray (Fog) Apparatus – Corrosion Testing

Description of Samples: One sample was received and appeared to be in new, unused condition.

Date of Test: February 3 – 7, 2010

In Charge of Tests:

David Piasecki
Retail Laboratory Technician
Retail Home Appliances/Electronics
Intertek

Report Reviewed By:

Jeremy Tidd
Retail Team Leader
Retail Home Appliances/Electronics
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Introduction:

This report documents the results of Corrosion Testing of the received product sample. The results of this evaluation are contained in this report.

Test Location:

The evaluation was conducted at Intertek's Arlington Heights, IL facility.

Evaluation Procedure:

The test sample was examined in the as-received condition. The specimen was prepared as agreed upon between the purchaser and seller. The parts of the test specimen coated with paints or non-metallic coatings were not cleaned or excessively handled prior to the test. The test sample was exposed to a 5% salt spray solution consisting of DI water and sodium chloride for a period of 48 hours. The temperature inside the chamber was maintained at 95°F, +/-3°F. After 48 hours of exposure to a 5% salt spray solution the sample was removed and gently cleaned with water no warmer than 38°C (100°F) to remove salt deposits from the surfaces and immediately dried. The product sample was then allowed to dry for an additional 48 hours. An evaluation was then made based on the significance and severity of the resulting corrosion.

Conclusion:

After a 48 hour, 5% salt spray (fog) exposure and 48 hour dry time there was no significant corrosion on any surfaces of the received product sample. There was oxidization on the aluminum surfaces which was easily removed. Minor corrosion formed on the clamp inside the product that holds the light ballast in place. This corrosion did not cause a loss of function.

Photos:**After 48 Hour 5% Salt Spray Exposure:**



After 48 Hour Drying Period:



Minor Corrosion on Clamp:

