

# Test Report

## **Salt fog testing: ASTM B117**

Test Report Number: FR-TC-15

Report Issue Date: 2/10/2020

**CREE**  **LIGHTING**

A COMPANY OF  **IDEAL INDUSTRIES, INC.**

Cree Lighting 4401 Silicon Drive Durham, NC. 27703 - USA

Tel: +1 262-886-1900

US toll-free: 800-236-6800

Fax: 800-236-7500

<https://creelighting.com>

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Report Issue Date: 2/10/2020

**Product Description:** LM6 parts following the Traveyo paint process

Manufacturer: Cree Lighting

Headquarters: 4401 Silicon Drive., Durham, NC. 27703 - USA  
Address: Tel: +1 800-236-6800

Factory: 9201 Washington Ave., Racine, WI 53406 - USA  
Address: Tel: +1 262-886-1900

Tested By:

This report applies only to the specific sample tested under the stated test conditions. Construction of the actual test samples has been documented.

The purpose of this conformity testing is to increase the probability of adherence to the essential requirements or conformity specifications, as appropriate.

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2/12/2020

# Test Report

No. File:	FR-TC-15	Version	A.1	№	
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## Product Performance Test Report

Name: LM6 Parts	Material Code:	Q'ty: 19PCS
Vendor: ODM 7	Environmental Temperature: 23±3℃	Environment Humidity: 30%-70%RH

### Test Parameter Setting

- 1.: Saline solution: 5% sodium chloride brine solution
  - 2.Salt Spray PH: 6.5-7.2
  - 3.Test chamber temperature: 35℃±1℃
  - 4.Salt water barrel temperature: 35℃±1℃
  - 5.Laboratory of relative humidity: >85%
  - 6.Pressure barrel temperature: 47℃±1℃
  - 7.Compressed air pressure: 1.00±0.01kgf/cm<sup>2</sup>
  - 8.Spray collection: 1-2ml/80cm<sup>2</sup>/h
- Test Criteria: ASTM B117 (ASTM D1654)

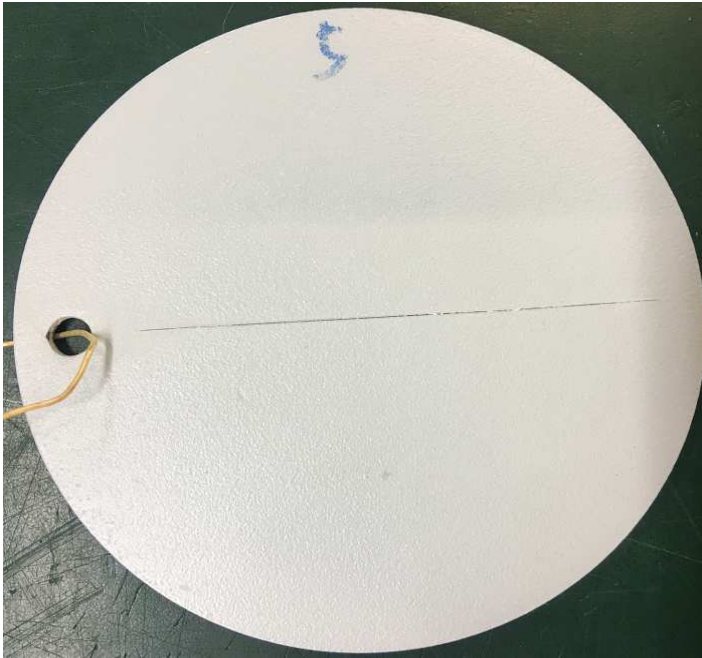
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## Test Record

Test Item	salt spray
Test Condition	Test Duration: Minimum 5000 hours.
Test Result:	19 units tested average rating 5 (ASTM D 1654 -05)

Pre test image:



Approved by: Jeremy Johnson Program Design Manager OEM ODM
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