CREE TEST REPORT FOR INGRESS PROTECTION (IP)

Product Model Number: OSQADA5MECS57K-ULSVDIMFQRML  Test #: 8212
Product Description: UNIT FROM TEST #8024H.

Modifications: NONE

Test Set Up: UNIT WAS MOUNTED TO A TURN TABLE AND ROTATED 360° DURING TEST. FIXTURE WAS MOUNTED INSIDE DUST CHAMBER.

Driver Manufacturer: CREE  Quantity: 1  Driver Catalog #: LE098X01
Applicable Specifications: IEC 60598-1 Edition 7.0

**Test Results:** (Based on Applicable Compliance Specification acceptance criteria.)

### Dust Test IP6X:

<table>
<thead>
<tr>
<th>Screw or Cord Gland Location</th>
<th>Screw Diameter or Cord Gland ID</th>
<th>Number of Screws</th>
<th>Torque Applied</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRIVER COVER</td>
<td>4.05mm</td>
<td>5</td>
<td>7in/lbs (.79Nm)</td>
</tr>
<tr>
<td>FITTER COVER</td>
<td>4.08mm</td>
<td>3</td>
<td>7in/lbs (.79Nm)</td>
</tr>
</tbody>
</table>

**Test Performed By:** BRETT ROMANOWSKI

Start Date: 2/11/2014  Start Time: 1:20  Operational Test Duration: 18 HOURS 11 MINUTES

Chamber Start Date: 2/12/14  Start Time: 7:31  Chamber Test Duration: 3 HOURS 5 MINUTES

Hypot Test Voltage: 1.96 kV  Hypot Test Value: 1.329 mA  Hypot test Duration: 60 sec

Input Voltage: 120.2 Volts  Humidity: 15.2 %  Air Temp: 23.9 °C  Pressure: 992.6 mbar

Comments: PASS, NO TALCUM DEPOSITS WERE FOUND INSIDE THE FIXTURE OR LIGHT BARS.

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### Wet Test IPX6:

<table>
<thead>
<tr>
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<th>Screw Diameter or Cord Gland ID</th>
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<th>Torque Applied</th>
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</tbody>
</table>

**Test Performed By:** KEVIN ARNDT

Start Date: 2/10/2014  Start Time: 3:25  Operational Test Duration: 16 HOURS 30 MINUTES

Product Tested Date: 2/11/14  Start Time: 7:55  Test Duration: 3 MINUTES

Hypot Test Voltage: 1.96 kV  Hypot Test Value: 2.23 mA  Hypot test Duration: 60 sec

Input Voltage: 120.3 Volts  Water Temp: 10.7 °C  Humidity: 10.5 %  Air Temp: 22.8 °C  Pressure: 1006.1 mbar

Comments: NO WATER ENTRY

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Equipment ID #: 3097  3206  3006  3050  3212  3183  3273
Cal. Due Dates: 5/1/14  5/8/14  3/25/14  6/18/14  2/6/15  5/7/14  8/7/14

Equipment ID #: 3243  0003  3074  3190

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Form Rev 2 – 7/19/2013