Test Report

Test Location:

<table>
<thead>
<tr>
<th></th>
<th>1. B802, No.11 Caipin Road, Guangzhou Science City, Guangzhou, Guangdong, China</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2. R108, 1st Floor No.69 GuangPu West Road, Guangzhou Science City, Guangzhou, Guangdong, China</td>
</tr>
<tr>
<td></td>
<td>3. Other:</td>
</tr>
</tbody>
</table>

Project No.: GZO130803-05
Applicant: Light Efficient Design, LLC
Applicant Address: 188 S. Northwest Highway, Cary, IL 60013, USA

Test & Report By: Mountain Ye
Review By: Tommy Liang
Date: 2013-09-02

<table>
<thead>
<tr>
<th>Test No.</th>
<th>Done</th>
<th>Test Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>X</td>
<td>In-Situ Temperature Measurement Test (ISTMT)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Sample No.</th>
<th>Sample acceptance</th>
<th>Product Identification and Ratings</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED-8033E30</td>
<td>1309026-1</td>
<td>Y</td>
<td>LED Lamp. 120-277 Vac, 60Hz, employed LED of SAMSUNG LED, TYPE 5630</td>
</tr>
<tr>
<td>LED-8033E42</td>
<td>1309026-2</td>
<td>Y</td>
<td>LED Lamp. 120-277 Vac, 60Hz, employed LED of SAMSUNG LED, TYPE 5630</td>
</tr>
<tr>
<td>LED-8033E57</td>
<td>1309026-3</td>
<td>Y</td>
<td>LED Lamp. 120-277 Vac, 60Hz, employed LED of SAMSUNG LED, TYPE 5630</td>
</tr>
</tbody>
</table>

Remark: LED-8033E30 is same as LED-8033E42 and LED-8033E57, except different of CCT

<table>
<thead>
<tr>
<th>Model name(s):</th>
<th>Representative (Tested) Model:</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED-8033E30, LED-8033E30C</td>
<td>LED-8033E30</td>
</tr>
<tr>
<td>LED-8033E42, LED-8033E42C</td>
<td>LED-8033E42</td>
</tr>
<tr>
<td>LED-8033E57, LED-8033E57C</td>
<td>LED-8033E57</td>
</tr>
</tbody>
</table>

All construction are the same, except model name
TEST METHODS

1. In-Situ Temperature Measurement Test (ISTMT):
   According to Temperature Test Method of UL1993
1. In-Situ Temperature Measurement Test (ISTMT) | UL1993, 4th Edition

<table>
<thead>
<tr>
<th>Test date</th>
<th>2013-09-03</th>
<th>Test Ambient</th>
<th>25.5°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Vol./Frequency</td>
<td>120 V / 60 Hz</td>
<td>Output Current of Driver</td>
<td>1.73A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>LED Package Model</th>
<th>Maximum Measured Source Temperature (°C)</th>
<th>Maximum Rated Source Temperature (°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1309026-1</td>
<td>5630</td>
<td>64.8</td>
<td>105.0</td>
</tr>
</tbody>
</table>

In-Situ Picture - Ts:
Annex (Photo of Products):
# Test Equipment

<table>
<thead>
<tr>
<th>Equipment ID</th>
<th>Equipment Name</th>
<th>Last Calibration Date</th>
<th>Next Calibration Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>PF210</td>
<td>Power Meter</td>
<td>2013-06-20</td>
<td>2014-06-19</td>
</tr>
<tr>
<td>ST-R-181A</td>
<td>Temperature Tester</td>
<td>2013-08-14</td>
<td>2014-08-13</td>
</tr>
</tbody>
</table>

***** END OF DATASHEET PACKAGE *****