

**Test Report**

Test Location:	<input type="checkbox"/>	1. B802, No.11 Caipin Road, Guangzhou Science City, Guangzhou, Guangdong, China
	<input checked="" type="checkbox"/>	2. R108, 1 <sup>st</sup> Floor No.69 GuangPu West Road, Guangzhou Science City, Guangzhou, Guangdong, China
	<input type="checkbox"/>	3. Other:
Project No.:	GZO130803-01	Test by: Mountain Ye
Applicant:	Light Efficient Design, LLC	
Applicant Address	188 S. Northwest Highway, Cary, IL 60013, USA	
Standard/Method	<b>UL1993, 4th Edition</b>	

Test &amp; Report By:

*Mountain Ye*

Mountain Ye

Date: 2013-09-02

Review By:

*Tommy Liang*

Tommy Liang

Test No.	Done +++	Test Name
1	X	In-Situ Temperature Measurement Test (ISTMT)

Model No.	Sample No.	Sample acceptance Y/N	Product Identification and Ratings
LED-8039E42	1309029-1	Y	LED Lamp, 120-277 Vac, 60Hz employed LED of <b>SAMSUNG LED,</b> <b>TYPE 5630</b>
LED-8039E57	1309029-2	Y	LED Lamp, 120-277 Vac, 60Hz employed LED of <b>SAMSUNG LED,</b> <b>TYPE 5630</b>
Remark: LED-8039E57 is same as LED-8039E42, except different of CCT			

<b>Model name(s):</b>	LED-8039E42, LED-8039E42C	<b>Representative (Tested) Model:</b>	LED-8039E42	All construction are the same, except model name
<b>Model name(s):</b>	LED-8039E57, LED-8039E57C	<b>Representative (Tested) Model:</b>	LED-8039E57	



## **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

Test date	2013-09-03	Test Ambient	25.5°C
Input Vol./Frequency	120 V / 60 Hz	Output Current of Driver	0.61A
Sample No.	LED Package Model	Maximum Measured Source Temperature (°C)	Maximum Rated Source Temperature (°C)
1309029-1	5630	69.4	105.0

In-Situ Picture - Ts:



## Annex (Photo of Products):





## Test Equipment

Equipment ID	Equipment Name	Last Calibration Date	Next Calibration Date
PF210	Power Meter	2013-06-20	2014-06-19
ST-R-181A	Temperature Tester	2013-08-14	2014-08-13

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