

**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.:	GZO130803-05	Test by: Mountain Ye
Applicant:	Light Efficient Design, LLC	
Applicant Address	188 S. Northwest Highway, Cary, IL 60013, USA	
Standard/Method	UL1993, 4th Edition	

**Test & 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-8033E30	1309026-1	Y	LED Lamp, 120-277 Vac, 60Hz, employed LED of <b>SAMSUNG LED, TYPE 5630</b>
LED-8033E42	1309026-2	Y	LED Lamp, 120-277 Vac, 60Hz, employed LED of <b>SAMSUNG LED, TYPE 5630</b>
LED-8033E57	1309026-3	Y	LED Lamp, 120-277 Vac, 60Hz, employed LED of <b>SAMSUNG LED, TYPE 5630</b>
Remark: LED-8033E30 is same as LED-8033E42 and LED-8033E57, except different of CCT			

<b>Model name(s):</b>	LED-8033E30, LED-8033E30C	<b>Representative (Tested) Model:</b>	LED-8033E30	All construction are the same, except model name
<b>Model name(s):</b>	LED-8033E42, LED-8033E42C	<b>Representative (Tested) Model:</b>	LED-8033E42	
<b>Model name(s):</b>	LED-8033E57 LED-8033E57C	<b>Representative (Tested) Model:</b>	LED-8033E57	



## **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	1.73A
Sample No.	LED Package Model	Maximum Measured Source Temperature (°C)	Maximum Rated Source Temperature (°C)
1309026-1	5630	64.8	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 \*\*\*\*\***