



Test Report

| | | | |
|-------------------|---|---|----------------------|
| Test Location: | [] | 1. B802, No.11 Caipin Road, Guangzhou Science City, Guangzhou, Guangdong, China | |
| | [<input checked="" type="checkbox"/>] | 2. R108, 1 st Floor No.69 GuangPu West Road, Guangzhou Science City, Guangzhou, Guangdong, China | |
| | [] | 3. Other: | |
| Project No.: | GZO130803-10 | | 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: 2013-11-06

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-8024E30 | 1310017-1 | Y | LED Lamp, 120-277 Vac, 60Hz employed LED of SAMSUNG LED, TYPE 5630 |
| LED-8024E42 | 1309022-1 | Y | LED Lamp, 120-277 Vac, 60Hz employed LED of SAMSUNG LED, TYPE 5630 |
| LED-8024E57 | 1309022-2 | Y | LED Lamp, 120-277 Vac, 60Hz employed LED of SAMSUNG LED, TYPE 5630 |
| Remark:LED-8024E57,LED-8024E42 is same as LED-8024E30, except different of CCT | | | |

| | | | | |
|-----------------------|------------------------------|---|-------------|--|
| Model name(s): | LED-8024E30, LED-8024E30C | Representative (Tested) Model: | LED-8024E30 | All construction are the same, except model name |
| Model name(s): | LED-8024E42, LED-8024E42C | Representative (Tested) Model: | LED-8024E42 | |
| Model name(s): | LED-8024E57, LED-8024E57C | Representative (Tested) Model: | LED-8024E57 | |



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 | 2013-11-06 | Test Ambient | 25.5°C |
| Input Vol./Frequency | 120 V / 60 Hz | Output Current of Driver | 1.48A |
| Sample No. | LED Package Model | Maximum Measured Source Temperature (°C) | Maximum Rated Source Temperature (°C) |
| 1310017-1 | 5630 | 85.4 | 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 *****