



Testing Lab.

Shenzhen LCS Compliance Testing Laboratory Ltd.



TESTING
NVLAP LAB CODE 600112-0

Report No.: LCS1701141733S

Test Report of In Situ Temperature Measurement

Client..... : Shenzhen Hipower Optronics Co.,Ltd
A Bldg, Ying HaoSheng Industrial Park, Da Yang Development Zone,
Fu Yong Town,Baoan District, Shenzhen City Guangdong Province
518103 China

Brand name..... : LED VISION

Testing laboratory..... : Shenzhen LCS Compliance Testing Laboratory Ltd.
B Area, 2F, Building B, Zhongyu Green High-tech Industrial Park,
Wenge Road, Heshuikou, Gongming Street, Guangming New
District, Shenzhen, Guangdong, China

Luminaire Description ... : Fuel Pump Canopy Luminaires

Models..... : SPS35-CL1-WW

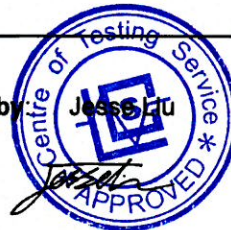
Rating..... : 35W AC100-277V 50/60HZ 0.45A Max

Test by: Ian Luo

Signature: Ian Luo

Reviewed by: Jesse Liu

Signature:



Test date: May 26, 2017

Reviewed date: June 01, 2017

The duplication of this report or parts of it and its use for advertising purposes is only allowed with permission of the testing laboratory. This report contains the result of examination of the product sample submitted by the appliance. A general statement concerning the quality of the products from the series manufacture cannot be derived therefore. This report can be used by the customer to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the Federal Government.



Testing Lab.

Shenzhen LCS Compliance Testing Laboratory Ltd.



Report No.: LCS1701141733S

Table of Contents

1 General.....	3
1.1 Product Information.....	3
1.2 Standards or methods.....	3
1.3 Equipment list.....	3
2 Test Result.....	4
2.1 Electrical data.....	4
2.2 Temperature data.....	4
2.3 TMP in LM-80 Report.....	4
3. Thermocouple contact photo.....	5
4. Photo of sample:.....	6

1 General

1.1 Product Information

Product description.....	LED Canopy Light
Model Number.....	SPS35-CL1-WW
Rated Inputs.....	AC100-277V 50/60HZ
Rated Power.....	35W
Declared CCT.....	3000K
LED Manufacturer.....	Philips
LED Model.....	LUXEON 3030 2D
Forward current of the LED chip.....	150 mA
Date of Receipt Samples.....	April 10, 2017
Quantity of Receipt Samples.....	1 unit

1.2 Standards or methods

Standard	Method
ANSI/UL 1598: 2008	In-Situ Temperature Measurement Test is conducted according to the ANSI/UL 1598-2008, Sections 19.7, 19.10-16. The testing was conducted in a room with ambient temperature of $25^{\circ}\text{C} \pm 5^{\circ}\text{C}$. The apparatus construction followed those described in UL1598-2008 for normal temperature testing. Thermocouples were placed on the LED package in the locations indicated by LM-80 report . The temperature was recorded after the lamp was operating for a minimum of 7.5 hours.

1.3 Equipment list

ID	Instrument	Model name	Calibration Date	Calibration Due Date
LCS-S-246	Power Meter	PF9800	2016-08-08	2017-08-07
LCS-S-147	Temperature Tester	34970A	2016-08-08	2017-08-07
LCS-S-147	J thermocouple	34901A	2016-08-08	2017-08-07

2 Test Result

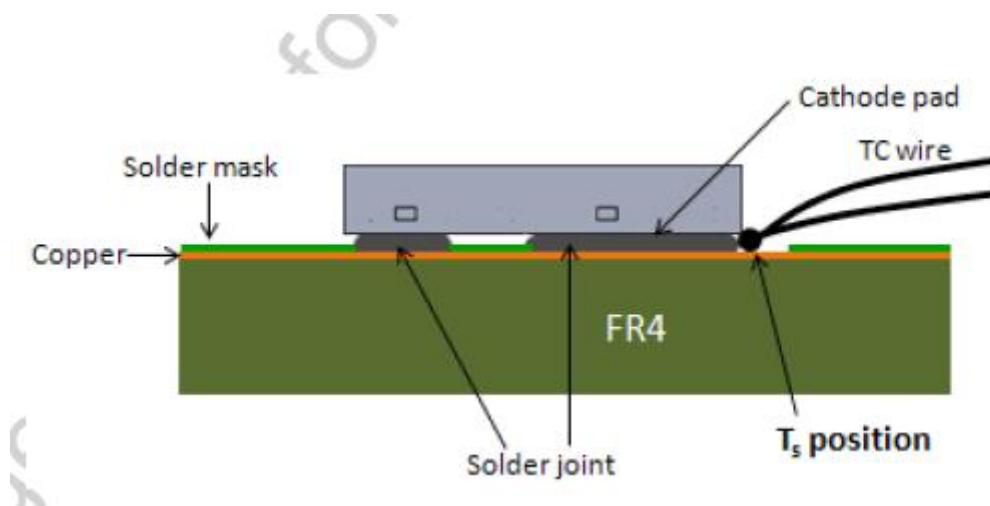
2.1 Electrical data

Criteria Item	Result
Input voltage	120.1V
Input current	0.2951A
Total power	35.22W
Power factor	0.9937
Current on each LED module	126mA

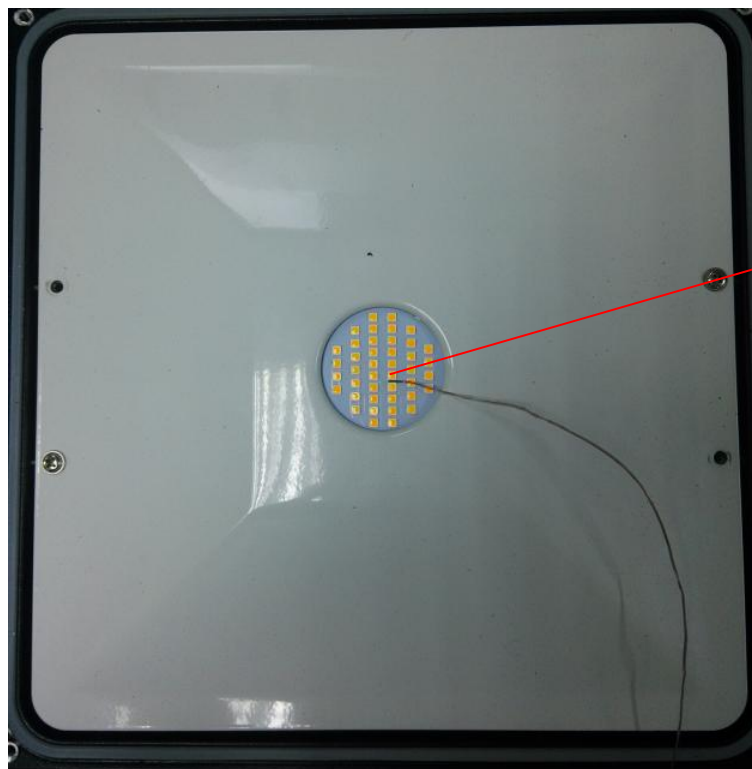
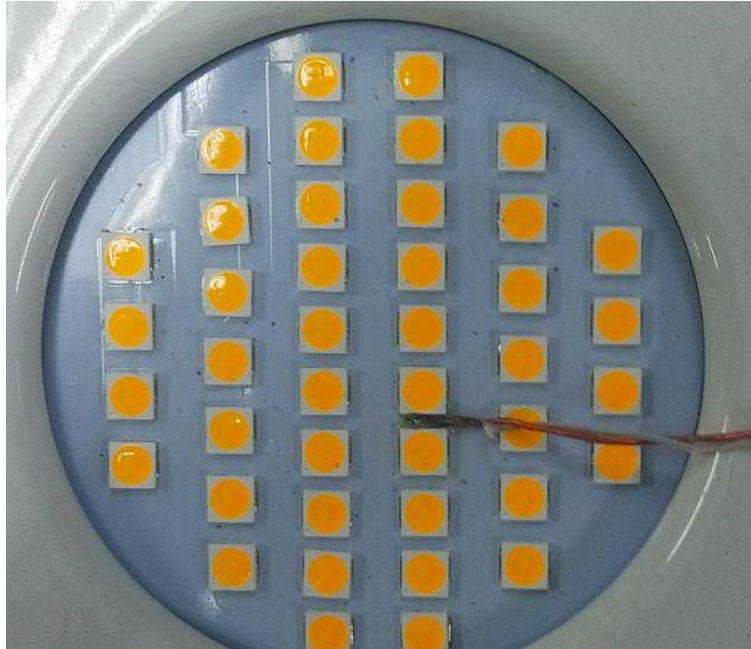
2.2 Temperature data

Criteria Item	Result (°C)	Limit (°C)
Ambient temperature	25.7	---
Measured maximum Temperaturer @TEM _{LED}	48.7	105
Measured Temperaturer @TEM _{LED} (Normalized to 25°C)	48.0	

2.3 TMP in LM-80 Report



3. Thermocouple contact photo



TMPLED



Testing Lab.

Shenzhen LCS Compliance Testing Laboratory Ltd.



Report No.: LCS1701141733S

4. Photo of sample:



----- End of test report-----