Testing Lab.

Shenzhen LCS Compliance Testing Laboratory Ltd.

TESTING
NVLAP LAB CODE 600112-0

Report No.: LCS1701141734S

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.....	:	SPS70-CL1-WW
Rating.....	:	70W AC100-277V 50/60HZ 0.9A Max

Test by: Ian Luo

Signature: Ian Luo

Reviewed by: Jesse Liu

Signature:

Centre of Testing Service * APPROVED *

Test date: May 26, 2017

Reviewed date: June 01, 2017

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1 General

1.1 Product Information

Product description.....:	LED Canopy Light
Model Number.....:	SPS70-CL1-WW
Rated Inputs.....:	AC100-277V 50/60HZ
Rated Power.....:	70W
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° C±5° C. The apparatus construction followed those described in UL1598-2008 for normal temperature testing. Thermocpuples 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

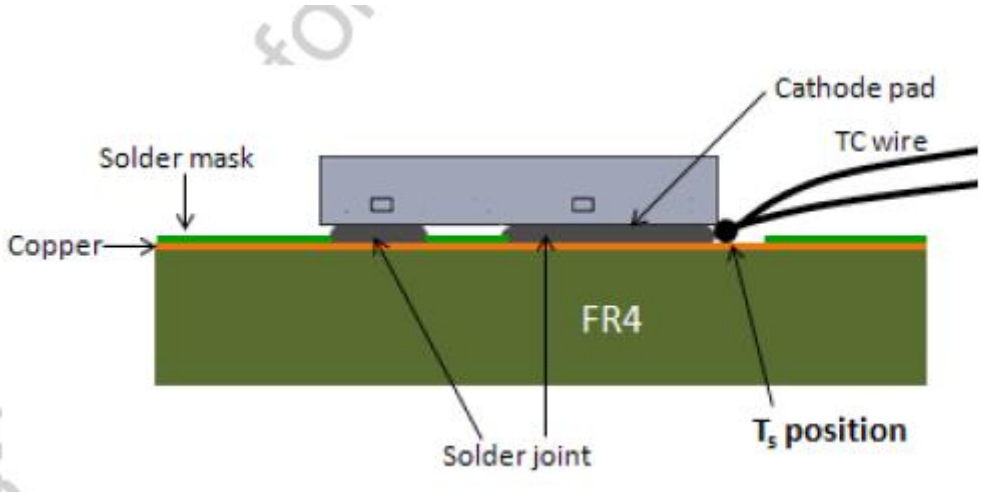
2.1 Electrical data

Criteria Item	Result
Input voltage	120.1V
Input current	0.5743A
Total power	68.66W
Power factor	0.9956
Current on each LED module	128mA

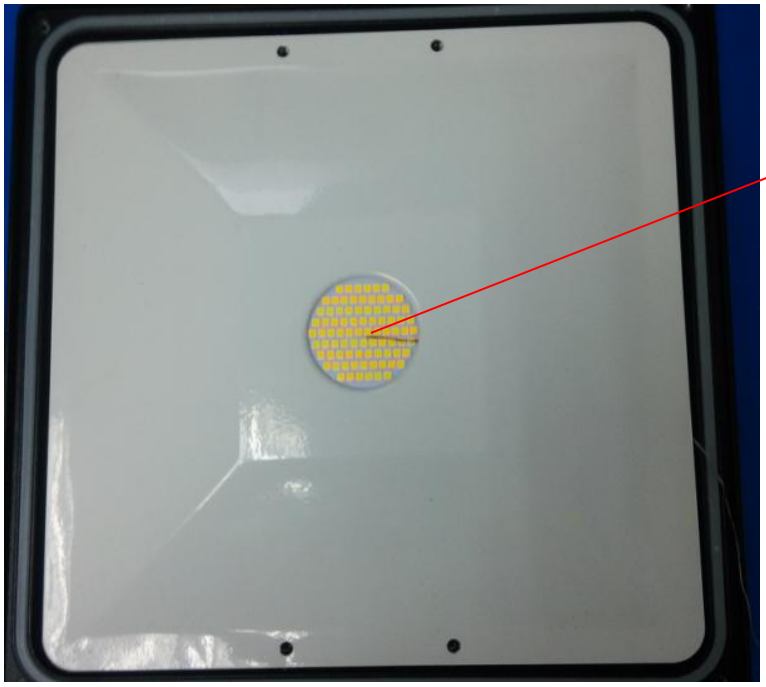
2.2 Temperature data

Criteria Item	Result (℃)	Limit (℃)
Ambient temperature	25.7	---
Measured maximum Temperatuer @TEM_{LED}	51.3	105
Measured Temperatuer @TEM_{LED} (Normalized to 25℃)	50.6	

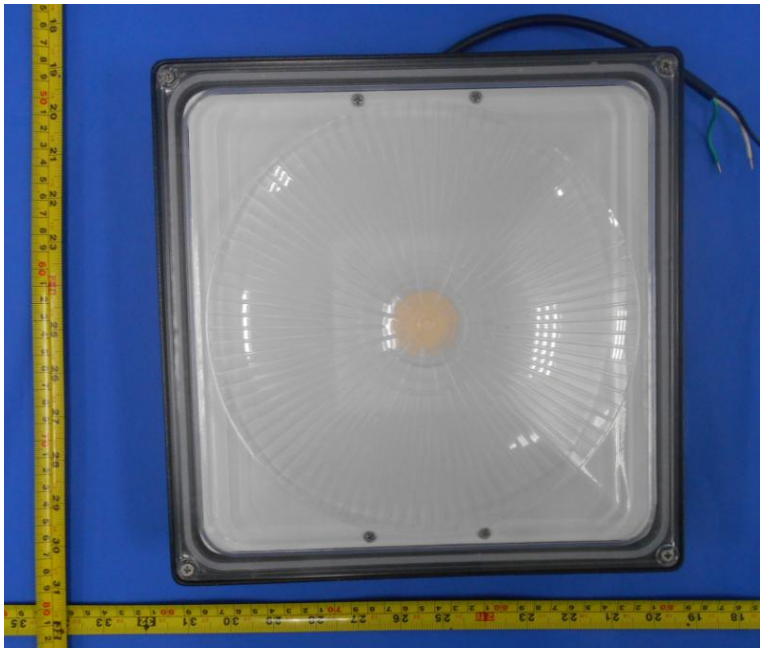
2.3 TMP in LM-80 Report

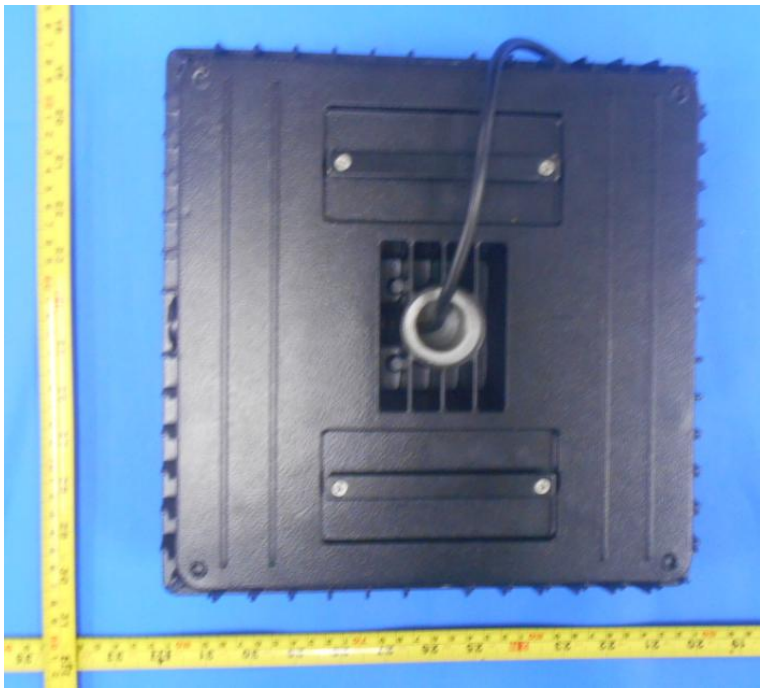


3. Thermocouple contact photo



4. Photo of sample:





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