



Verification Services

Project No: 4786842793-1

Report No: 4786842793-5b

Report Issued Date: 2015-05-21



Test Report

Customer Company & Address:			
Company Name: Premium Quality Lighting, Inc.			
ADD: 2285 Ward Avenue / Simi Valley, CA 93065			
Telephone:	18003238107		

Manufacturer:	Premium Quality Lighting, Inc.
Country of Origin:	CHINA
Country of Export:	N/A
Product Description:	Lamp Type: LED Lamp Total Amount Of Light Source: 60 Manufacturer Of Light Source: Everlight Electronics Co., LTD. Model Number Of Light Source: 67-21S Series
Model Number:	Model Name: 90542
Electrical Specification:	Rated voltage: 100-277V Frequency: 50/60Hz Wattage: 9 W

Test Laboratory & Address:			
UL Verification Services (Guangzhou) Co., Ltd.			
ADD: Building A1, 1F & 2F, Nansha Science and Technology Innovation Center, No. 25, South Huanshi Avenue , Nansha District, Guangzhou 511458, China			
Telephone:	+86 20 28667188	Fax:	+86 20 83486605

Receipt of Test Samples :	2015-04-29	Test Period:	2015-05-21
---------------------------	------------	--------------	------------

Tested By	Approved By
 / Jackson Zeng	 / Sean Xiao
Test Personnel Name & Signatory	Approval Name & Signatory

The results reported herein have been performed in accordance with the laboratory's terms of accreditation. This report shall not be reproduced except in full without the written approval of the Laboratory. The results in this report apply to the test sample(s) mentioned above at the time of the testing period only and are not to be used to indicate applicability to other similar products. This report does not imply that the product(s) has met the criteria for certification.

Doc No: 10-CT-F0059

Issue No: 1.1



Verification Services

Project No: 4786842793-1

Report No: 4786842793-5b

Report Issued Date: 2015-05-21

Test Report

Statement of Results

Test Flow	Test Method	Sample ID (Lab)	Sample Serial No.	Pass/Fail/NA
1.	Integrating Sphere Test	2117663-S002	N/A	Evaluate by customer

Deviation from Test Method (if any)

N/A

Remark (if any)

1. This report shall not be used by the client to claim product endorsement by NVLAP, NIST or any agency of the US government.



Verification Services

Project No: 4786842793-1

Report No: 4786842793-5b

Report Issued Date: 2015-05-21

Test Report

Test No.1: Integrating Sphere Test

Environmental Conditions

Temperature: 25.1°C

Test Equipment

Equipment ID	Equipment Name	Last Calibration Date	Calibration Due Date
GVS-LE-PE001	Integrating Sphere	Before Use	Before Use
GVS-LE-FS019	Measurement Standard Lamp	8/19/2014	8/18/2014

Test Sample

2117663-S002

Test Method

The sample (bare lamp) was tested according to the IES LM-79-2008. Photometric parameters were measured using an integrating sphere, a spectroradiometer and software. The ambient temperature condition inside the sphere was maintained at $25^{\circ}\text{C} \pm 1^{\circ}\text{C}$. The sample measurements were made using a spectroradiometer connected by a fiber optic cable and detector through the detector port of the integrating sphere. The sample was operated at rated voltage and was stabilized before measurement. Chromaticity coordinates, correlated color temperature and color rendering index were calculated from the spectral radiant flux measurements taken at 1 nm intervals over the range of 380 to 780 nm.

Test Results

Test Type	Voltage (V AC)	Frequency (Hz)	Current (A)	Power (W)	Power Factor	Orientation	Operate time (Min.)	Stabilization time (Min.)
Input	119.960	60	0.0745	8.751	0.979	Base up	58	50

Test type	CCT (K)	Luminous Flux (lm)	Color Rendering Index Ra	Luminous Efficacy (lm/W)
Output	4950	1032.716	83.5	118.011



Test Report

Test Condition

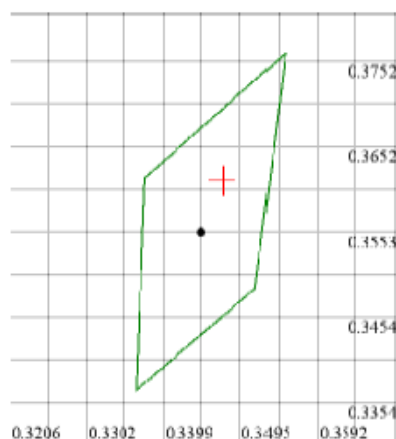
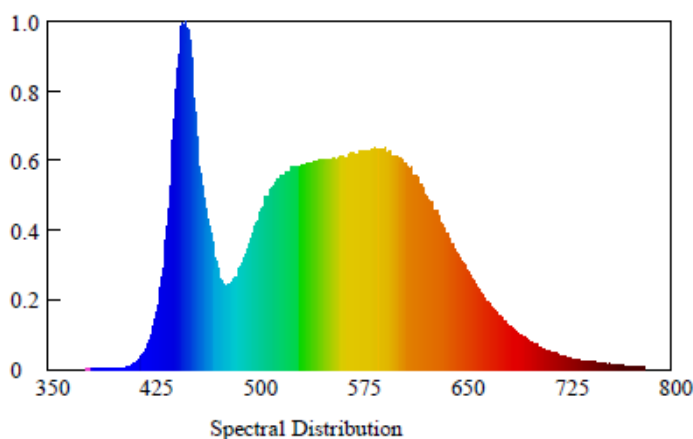
Temperature: 25.1°C

RH: ----%

Spectrum Range: 380-780 nm

Scan Step: 1 nm

Spectroradiometric Parameters



Nominal CCT:LED_5000K
x0=0.3474 y0=0.3613

Chromaticity Coordinates: x=0.3474 y=0.3613 u'=0.2092 v'=0.4897

Correlated Color Temperature: 4950 K

Dominant Wavelength: 569.0 nm(E)

Luminous Flux: 1032.716 lm

Purity: 0.1266

Chromaticity Difference: +0.0039Duv

Peak Wavelength: 450.0 nm

Color Ratio: Kr=33.7% Kg=55.1% Kb=11.2%

Bandwidth: 22.2nm

Radiant Flux: 2.96 W

Rendering Index: Ra=83.5

R1=82 R2=88 R3=92 R4=84 R5=82 R6=83 R7=89 R8=69

R9=12 R10=71 R11=83 R12=56 R13=84 R14=95 R15=76



Verification Services

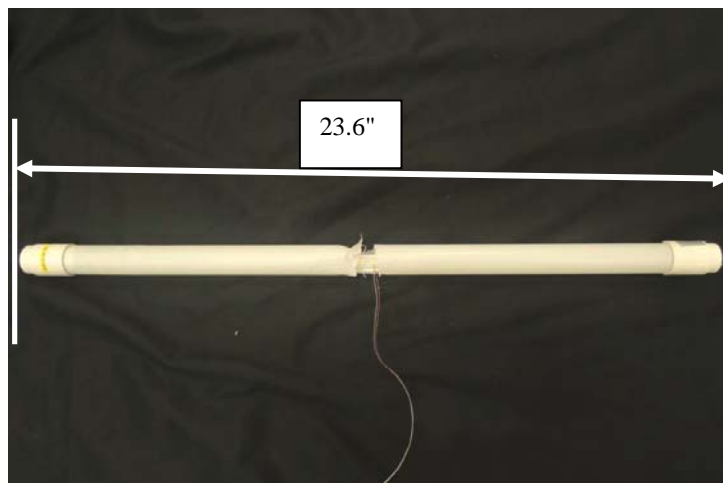
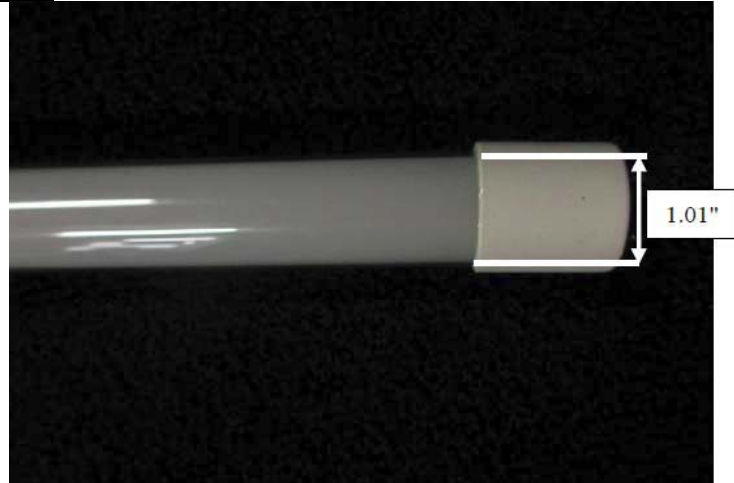
Project No: 4786842793-1

Report No: 4786842793-5b

Report Issued Date: 2015-05-21

Test Report

Photos of sample



*******END OF TEST REPORT*******