



UL Verification Services Inc.
7036 Snowdrift Road
Allentown, PA 18106
610-774-1300



Photometric Test Report

Relevant Standards
IES LM-79-2008, ANSI C82.77-2002, UL 1598-2008
CIE 13.3-1995, CIE 15-2004, ANSI C78.377-2015
IES TM-30-2015

Prepared For
LDPI Inc
4404 Anderson Dr
Eau Claire, WI 54703
United States

Catalog Number
LE551-L6-V1-5-D-V
Order Number
12369265
Test Number
12369265.07

Test Date

2018-06-26 - 2018-06-28

Prepared By

Jesse Litchfield, Technician

Approved By

Kevin Rodriguez, Project Handler

The results contained in this report pertain only to the tested sample.
This report shall not be reproduced, except in full, without written approval of Underwriters Laboratories.
This report must not be used by the client to claim product certification, approval, or endorsement by
NVLAP, NIST, or any agency of the Federal Government.



Table of Contents

Summary of Results	Page 3
Integrating Sphere Results	Page 4
In-Situ Results	Page 5

Laboratory results may not be representative of field performance
Ballast factors have not been applied

Testing was performed in a 3-meter integrating sphere using the 4π geometry method.
Absorption correction was employed for Sphere measurement



Luminaire Description: Formed aluminum housing, clear/frosted glass lens enclosures
Lamp: 360 white LEDs
Mounting: Pendant
Ballast/Driver: One Inventronics EUD-096S210DTA driver

Luminaire



Summary of Results

Integrating Sphere

Luminous Flux:	9598 Lumens
Efficacy:	119.5 lm/w
CCT:	4923 K
CRI (Ra):	83.7

Electrical Data at 277 VAC

Test Temperature:	25.1 °C
Voltage:	277.0 VAC
Current:	0.3020 A
Power:	79.17 W
Power Factor:	0.946
Frequency:	60 Hz
Current THD:	7.38 %

In-Situ

LED Temperature:	53.0 °C
Driver Temperature:	44.5 °C
Measured LED Current:	0.04490 A

Temperature is offset to an ambient temperature of 25°C as described in UL1598-2008.



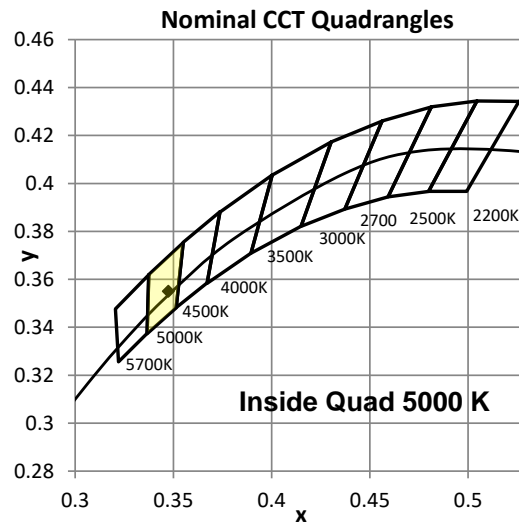
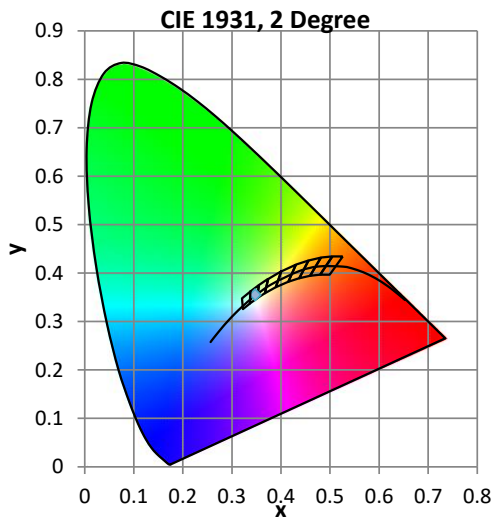
Color Quality - Integrating Sphere

Integrating Sphere Test Conditions

Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.9 °C	120.1 VAC	0.6730 A	80.35 W	0.994	60 Hz	7.45 %

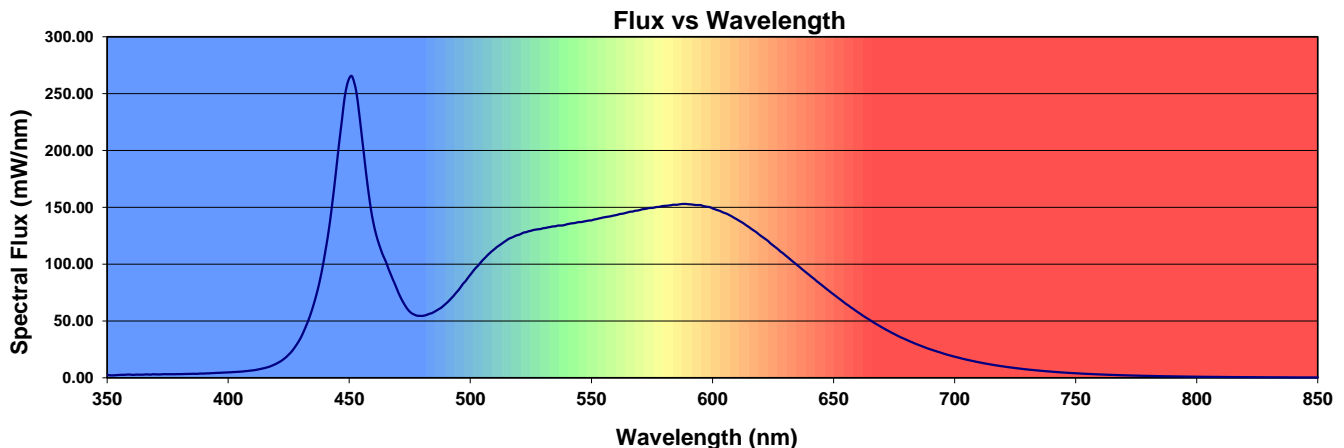
Summary of Results

Total Output:	9598 Lumens	Chromaticity (x):	0.3474
Efficacy:	119.5 lm/w	Chromaticity (y):	0.3550
CCT:	4923 K	Chromaticity (u'):	0.2116
CRI (Ra):	83.7	Chromaticity (v'):	0.4867
CRI (R9):	12.5	TM-30 Rf:	82
Peak Wavelength:	451 nm	TM-30 Rg:	96.3
Dominant Wavelength:	573 nm	Duv:	0.0007
S/P Ratio:	1.93		



Color Rendering Index Detail

Ra (CRI)	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
83.7	82.3	88.4	92.4	83.7	82.4	83.2	88.0	69.1	12.5	72.0	83.0	58.1	83.9	95.9	76.9





In-Situ Test

In-Situ Test Conditions

Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
21.3 °C	121.8 VAC	N/A	N/A	N/A	60 Hz	N/A

Summary of Results

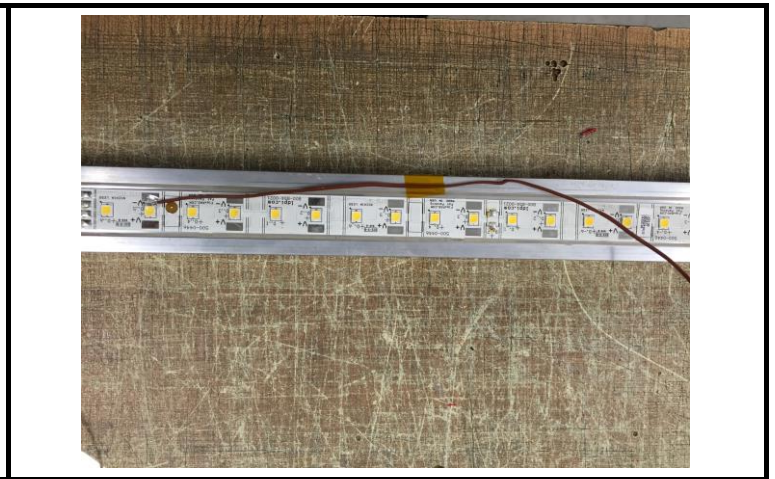
LED Temperature: 53.0 °C
 Driver Temperature: 44.5 °C
 Measured LED Current: 0.04490 A

Temperatures are offset to an ambient temperature of 25°C as described in UL1598-2008

LED Temperature Location



Thermocouple Reference



Driver Temperature Location

