



Integrating Sphere Test Report

Relevant Standards

IES LM-79-2008

ANSI C78.377-2008, ANSI C82.77

CIE 13.3-1995, CIE 15-2004

Prepared For

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Catalog Number

WP1-02-1920-1

LTL Test Number

22323

Test Date

2011-02-07

Prepared By

Brian Moyer, Engineer

Approved By

Michael Grather, PDE

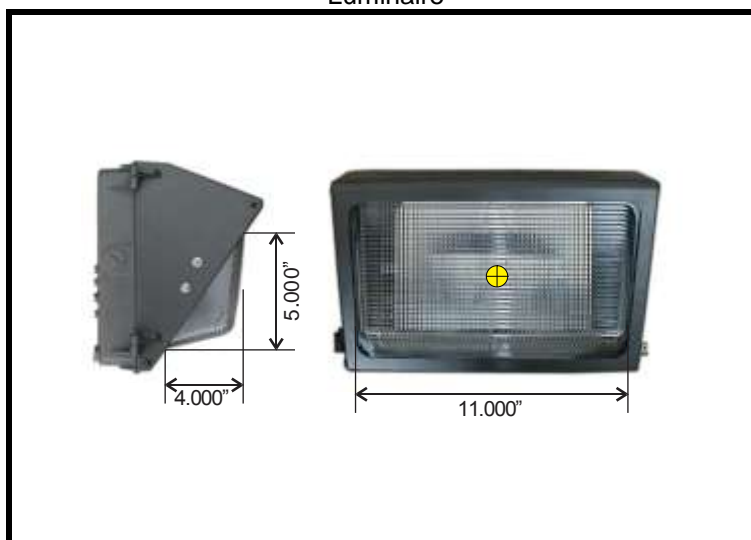
The results contained in this report pertain only to the tested sample.

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Luminaire Description: Cast brown enamel aluminum housing, formed specular aluminum reflector, clear prismatic glass enclosure
Catalog Number: WP1-02-1920-1
Lamp: 12 white LEDs
Mounting: Surface Wall
Ballast/Driver: XXXXXXXXXX

Luminaire



Summary of Results

Radiant Flux:	4046 mW
Luminous Flux:	1319 Lumens
Luminaire Efficacy:	62.5 Lumens/Watt
CCT:	5082 K
CRI (Ra):	67.6
Chromaticity (x):	0.3431
Chromaticity (y):	0.3544
Chromaticity (u):	0.2090
Chromaticity (v):	0.3238
Duv:	0.0015

Test Conditions

Test Temperature:	24.9 °C
Voltage:	120.0 VAC
Current:	0.1811 A
Power:	21.09 W
Power Factor:	0.971
Frequency:	60 Hz

Testing was performed in a Labsphere SLMS7650 two meter integrating sphere using the 4π geometry method, a Labsphere CDS 1100 spectrometer, and LightMtrX software.
Absorption correction was employed for this measurement.

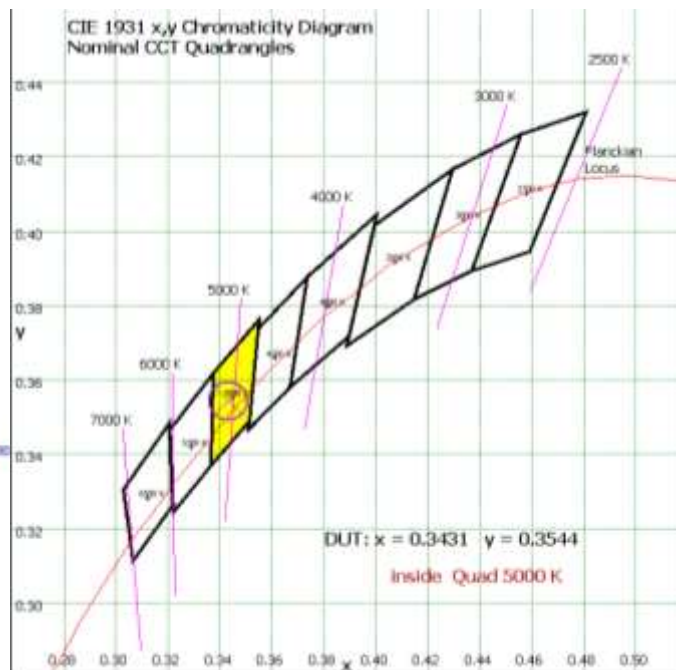
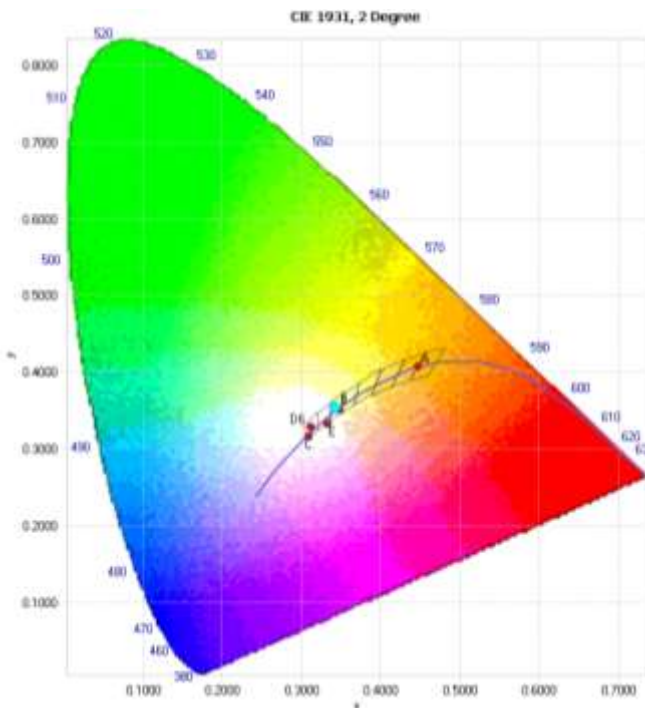


Chromaticity Coordinates

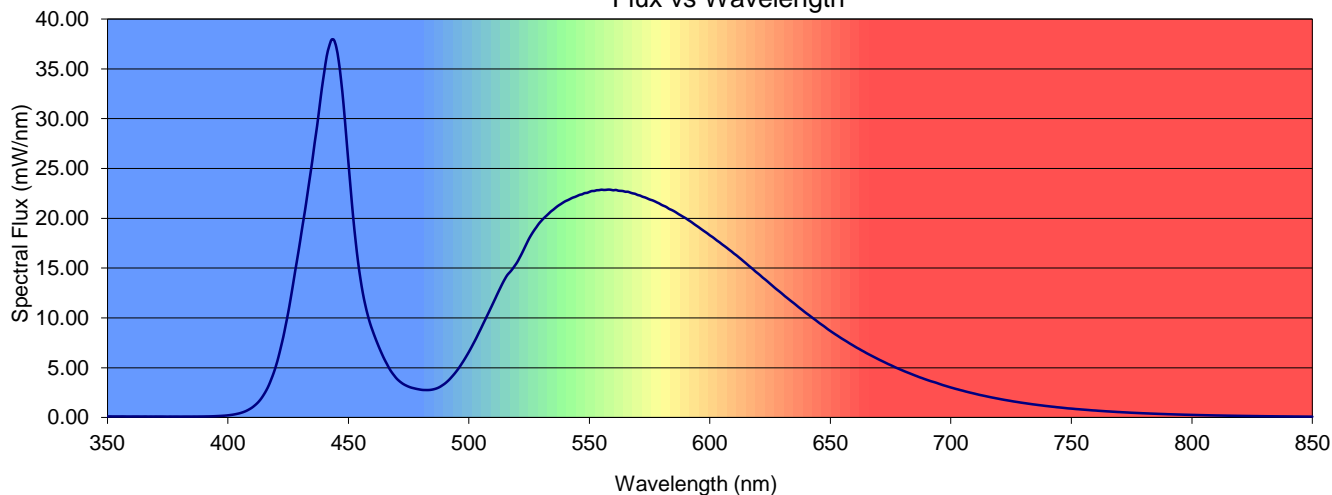
x	y	u	v	u'	v'	Duv
0.3431	0.3544	0.2090	0.3238	0.2090	0.4857	0.0015

Color Rendering Index Detail

Ra (CRI)	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
67.6	73.1	64.9	54.1	78.4	73.8	52.8	71.6	72.3	-0.4	12.5	82.2	28.0	66.8	73.4



Flux vs Wavelength





Spectral Power Distribution

Table with 16 columns (λ(nm), mW/nm) and 40 rows of spectral data points.