



## 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

Eclipse Lighting, Inc.

9245 W. Ivanhoe St.

Schiller Park, IL 60176

### Catalog Number

KA-LED60-EBU-WHT

### LTL Test Number

26047

### Test Date

2011-10-04

### Prepared By

Eric Gaudreau, Technician III

### Approved By

Brian Moyer, Engineer

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

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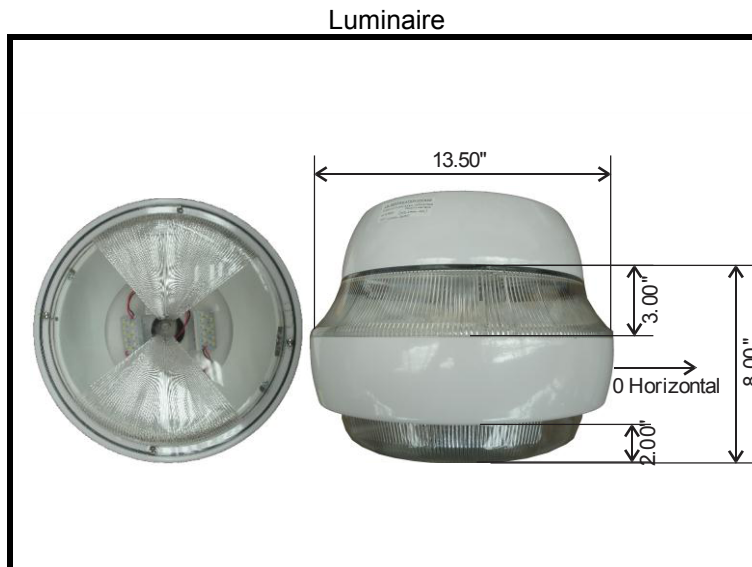
Luminaire Description: Cast aluminum housing with clear linear prismatic plastic upper enclosure, formed white enamel aluminum reflector, clear plastic lower enclosure with linear prismatic sections

Catalog Number: KA-LED60-EBU-WHT

Lamp: 52 white LEDs

Mounting: Pendant

Ballast/Driver: One Mean Well PLN-60-48



#### Summary of Results

Radiant Flux:	11290 mW
Luminous Flux:	3770 Lumens
Luminaire Efficacy:	63.8 Lumens/Watt
CCT:	5669 K
CRI (Ra):	70.4
Chromaticity (x):	0.3282
Chromaticity (y):	0.3611
Chromaticity (u):	0.1966
Chromaticity (v):	0.3245
Duv:	0.0117

#### Test Conditions

Test Temperature:	25.0 °C
Voltage:	120.0 VAC
Current:	0.5045 A
Power:	59.06 W
Power Factor:	0.975
Frequency:	60 Hz
Current THD:	13.4 %

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.

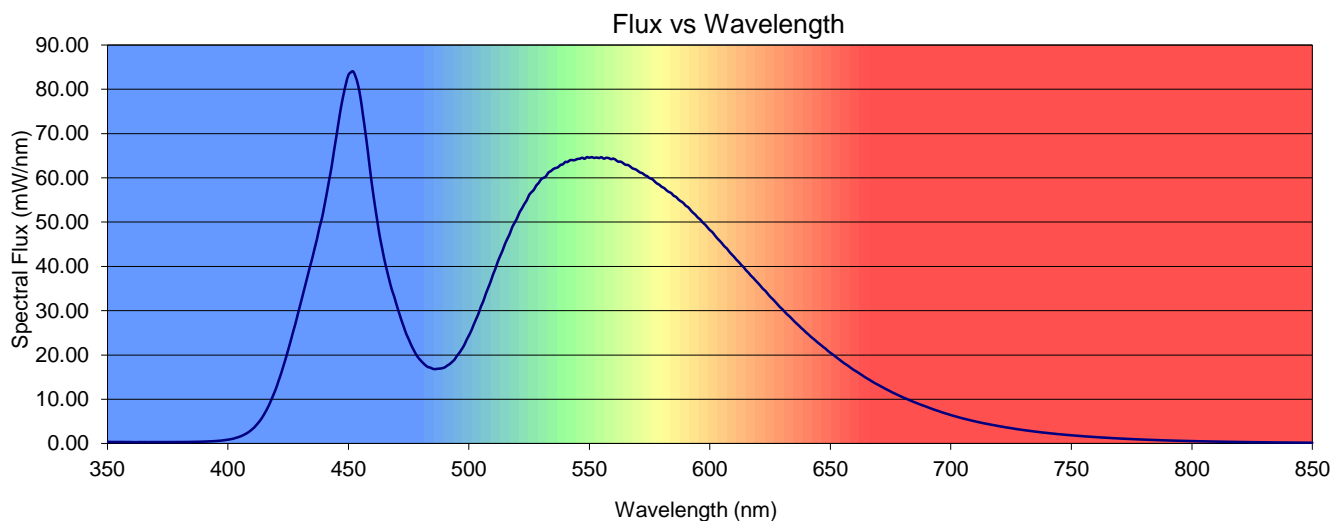
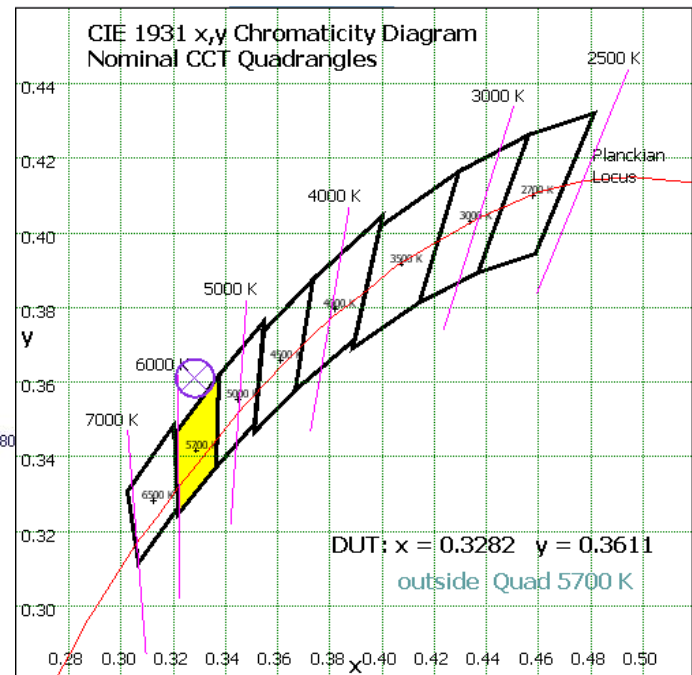
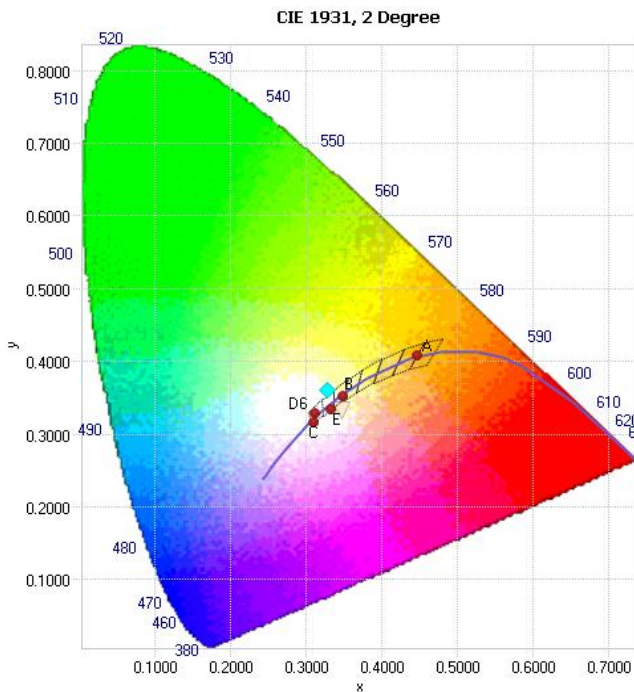


Chromaticity Coordinates

x	y	u	v	u'	v'	Duv
0.3282	0.3611	0.1966	0.3245	0.1966	0.4867	0.0117

Color Rendering Index Detail

Ra (CRI)	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
70.4	65.4	74.8	82.0	69.8	66.9	66.4	82.6	55.7	-41.3	40.4	64.8	41.3	66.8	89.8





Spectral Power Distribution

Table with 16 columns (λ(nm), mW/nm) and 48 rows of spectral power distribution data.