

Project Number
15.01378



HUBBELL
Lighting

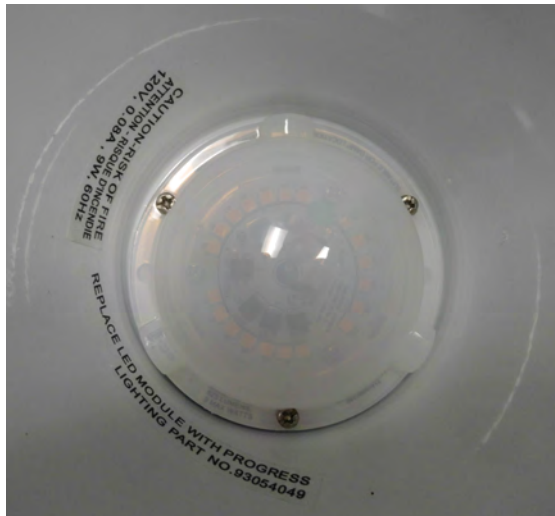
Date
7/30/2015

Sphere

Test Sample Description

Catalog Number: 5175-7930K9
Description: 1-Lt. LED Pendant w/HAL AC LED Module

Test Method: IES LM-79-08 § 9.1 & 12.1
Preburn Time: 0:15
Time To Stabilize: 1:35
Total Operating Time: 1:50
Input Voltage (Volts): 120.0
Input Current (Amps): 0.068
Input Wattage (Watts): 7.6
Ambient Temp (°C): 23.8



Hubbell Lighting, Inc.

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Greenville, SC 29607
www.hubbellighting.com

Checked: B. LEE

Approved: M. WASHBURN



This report shall not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.



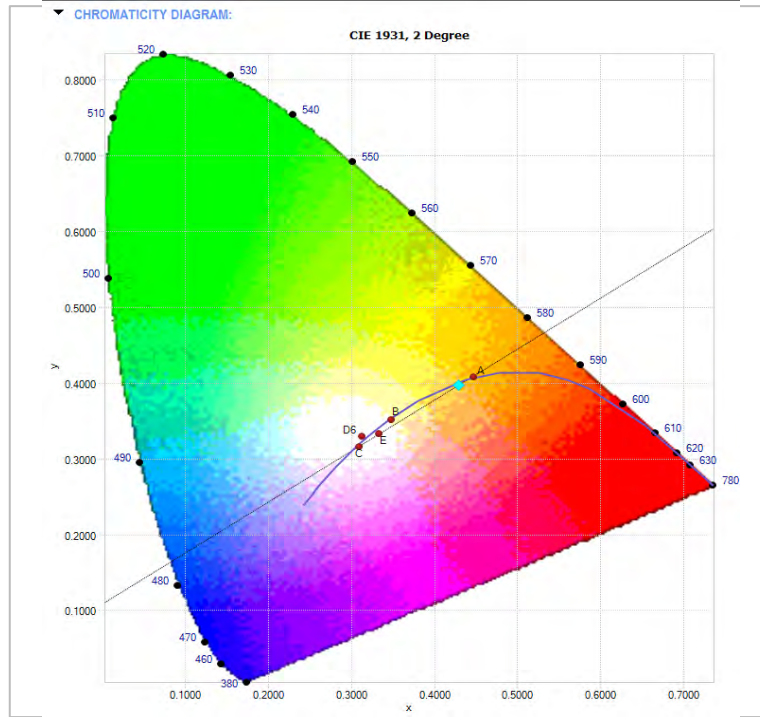
Lamp Cat#: 93049180-3130
 Lamp Desc: 20 - Nichia 3000K LEDs
 Driver Desc: N/A

Efficacy: 42.5 LPW

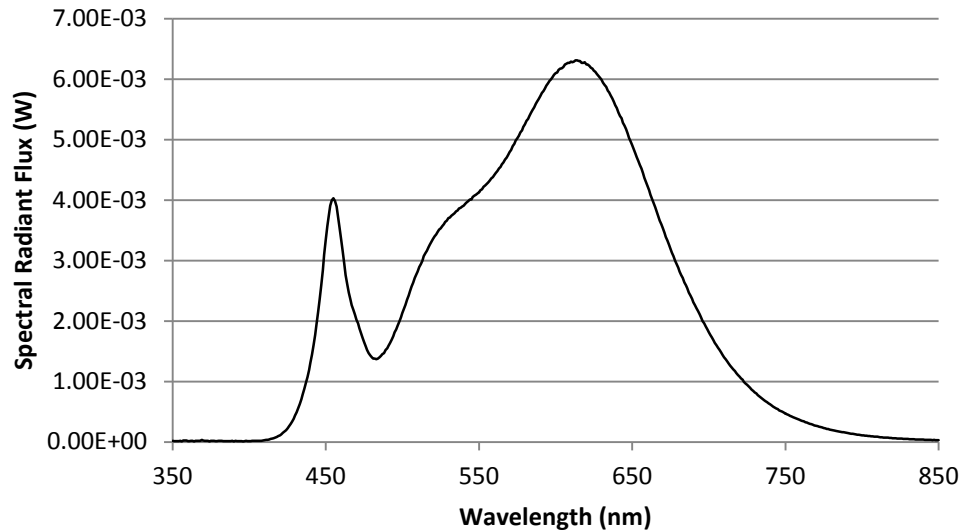
S/P Ratio: 1.4 LM/LM

Spectral Results

Name	Value	Unit
Φ	1.09	watts
$\Phi(v)$	323	lumens
$\Phi(v')$	463	lm'
Chrom x	0.4291	
Chrom y	0.3977	
Chrom u	0.2482	
Chrom v	0.3451	
Duv	0.002	
Chrom u'	0.2482	
Chrom v'	0.5177	
CCT	3083	K
Purity	48.2	%
λ (dom)	583.0	nm
FWHM	159.7	nm
λ (peak)	614	nm
λ (center)	595.8	nm
λ (centroid)	590.2	nm
SDCM	Cool White	
RA	90	
Corr. Coef.	0.001443887	
Correlation	0.0054	
R1	90.6	
R2	95.1	
R3	97.3	
R4	89.8	
R5	90.0	
R6	93.3	
R7	89.9	
R8	77.1	
R9	48.2	
R10	87.3	
R11	90.1	
R12	75.3	
R13	92.0	
R14	98.2	



Spectral Distribution of Radiant Flux



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Sphere Calibration

Calibration Lamp: EIKO 28V75W/E10

Lamp Number: SCL-1400-J136

Calibration Current: 2.679 Amps

Total Luminous Flux: 1427 Lumens

<i>Test Equipment Used</i>			
<i>Instrument</i>	<i>Manufacturer / Model</i>	<i>S/N</i>	<i>Calibration Due:</i>
<i>3-Meter Sphere</i>	Labsphere / LMS-3M	N/A	Calibrated Weekly
<i>Temperature Meter</i>	National Instruments / USB TC01	1912751	11/11/2015
<i>LAMP Power Meter</i>	Yokogawa / WT332	C2QA27075V	11/12/2015
<i>Power Supply</i>	Chroma / 61602	616020002113	N/A
<i>Aux Lamp Supply</i>	Texio / PSF-400L	13117591	N/A
<i>Cal Lamp Supply</i>	Labsphere / LPS-150-0268	1218148605	12/18/2015
<i>Spectrometer</i>	Labsphere / CDS 1100	0624117792	N/A

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