

Project Number
16.02809



HUBBELL
Lighting

Date
10/12/2016

Sphere

Test Sample Description

Catalog Number: P810002-030-30

Description: Large 7.25" Square Flush Mount with increased 5 mm height to reduce pixilation

Test Method: IES LM-79-08 § 9.1 & 12.1

Preburn Time: 10:00

Time To Stabilize: 0:59

Total Operating Time: 10:59

Input Voltage (Volts): 120.0

Input Current (Amps): 0.107

Input Wattage (Watts): 12.7

Ambient Temp (°C): 24.2



Hubbell Lighting, Inc.

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Greenville, SC 29607
www.hubbellighting.com

Checked: B. LEE

Approved: D. BLACK

NVLAP
NVLAP LAB CODE: 201003-0

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#: L130-3090003000W21

Lamp Desc: 44 - Lumileds 3000K LEDs

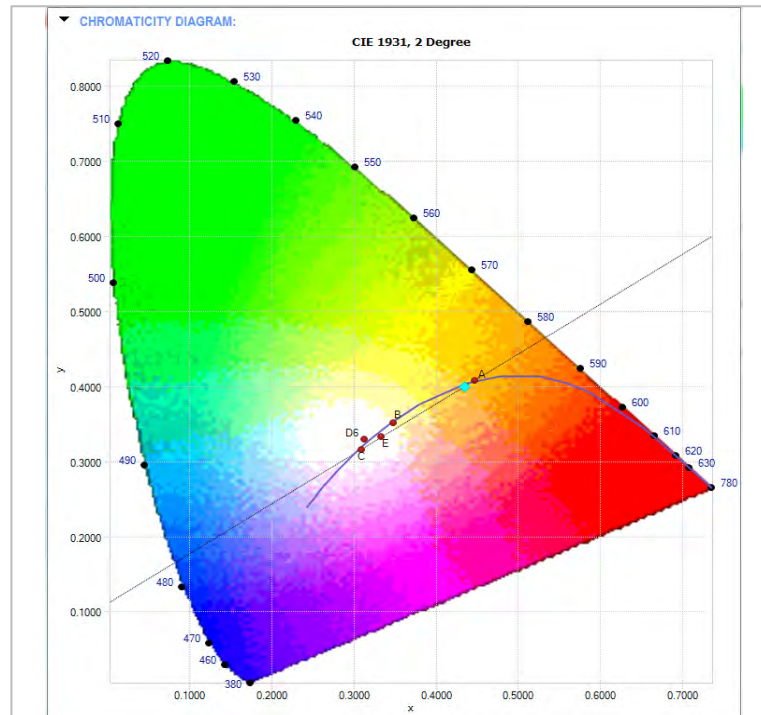
Driver Desc: N/A

Efficacy: 71.1 LPW

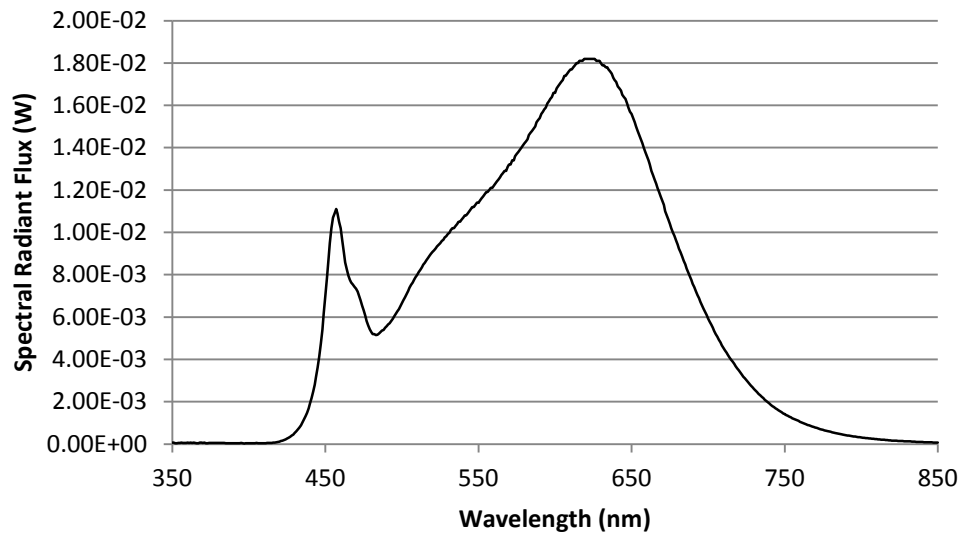
S/P Ratio: 1.5 LM/LM

Spectral Results

Name	Value	Unit
Φ	3.18	watts
$\Phi(v)$	903	lumens
$\Phi(v')$	1325	lm'
Chrom x	0.4343	
Chrom y	0.4004	
Chrom u	0.2504	
Chrom v	0.3463	
Duv	0.0012	
Chrom u'	0.2504	
Chrom v'	0.5195	
CCT	3013	K
Purity	50.5	%
λ (dom)	583.2	nm
FWHM	161.4	nm
λ (peak)	622.4	nm
λ (center)	601.0	nm
λ (centroid)	594.1	nm
SDCM	Cool White	
RA	94	
Corr. Coef.	0.001127167	
Correlation	0.0054	
R1	95.4	
R2	99.3	
R3	97.9	
R4	92.7	
R5	94.5	
R6	96.4	
R7	91.1	
R8	83.9	
R9	66.8	
R10	96.9	
R11	93.9	
R12	79.2	
R13	97.0	
R14	99.9	



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

Test Equipment Used

<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	11/10/2016
<i>LAMP Power Meter</i>	Yokogawa / WT332	C2QA27075V	11/10/2016
<i>Power Supply</i>	Chroma / 61602	616020002113	N/A
<i>Aux Lamp Supply</i>	Labsphere / LPS-100-0833	0331159372	11/10/2016
<i>Cal Lamp Supply</i>	Labsphere / LPS-150-0268	1218148505	11/10/2016
<i>Spectrometer</i>	Labsphere / CDS 1100	0624117792	N/A

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