

Project Number
18.00900



HUBBELL
Lighting

Date
5/29/2018

Sphere

Test Sample Description

Catalog Number: P710050
Description: 1-Lt. LED Wall Bracket

Test Methods: IES LM-16-93
IES LM-79-08 § 9.1 & 12.1

Preburn Time: 1:00
Time To Stabilize: 1:03
Total Operating Time: 2:03

Input Voltage (Volts): 120.0
Input Current (Amps): 0.137
Input Wattage (Watts): 16.2
Ambient Temp (°C): 24.2



Hubbell Lighting, Inc.

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www.hubbellighting.com

Checked: B. LEE

Approved: N. DeVOL



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

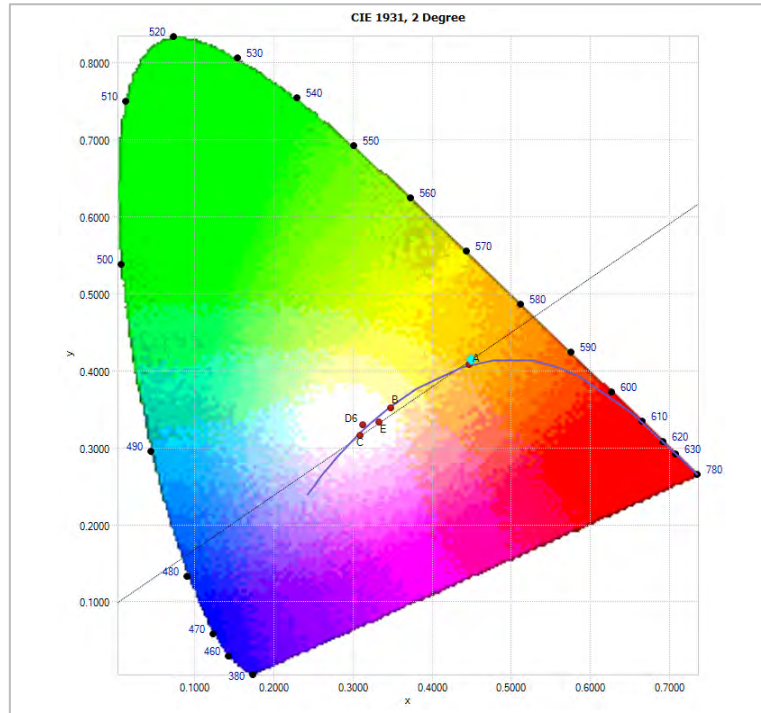


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Lamp Cat#: EVAC120C-3528SE-L42-14S3P-145
Lamp Desc: 42 - Seoul 3000K LEDs
Driver Desc:

Efficacy: 56.7 LPW S/P Ratio: 1.3 LM/LM

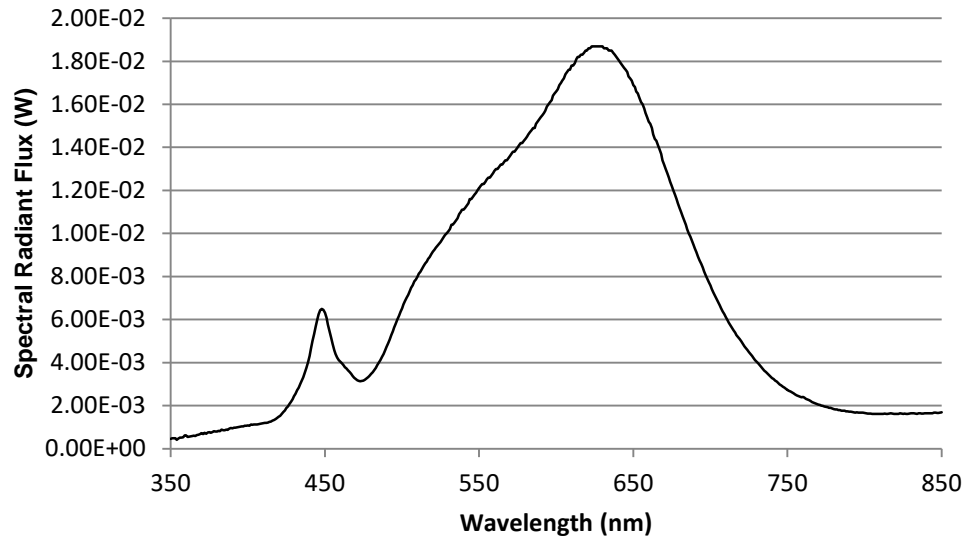
Chromaticity Diagram



Spectral Results

Name	Value	Unit
Φ	3.50	watts
Φ(v)	918	lumens
Φ(v')	1216	lm'
Chrom x	0.4493	
Chrom y	0.4151	
Chrom u	0.2538	
Chrom v	0.3516	
Duv	0.0023	
Chrom u'	0.2538	
Chrom v'	0.5275	
CCT	2887	K
Purity	59.5	%
λ (dom)	582.4	nm
FWHM	167.4	nm
λ (peak)	628.7	nm
λ (center)	606.0	nm
λ (centroid)	606.4	nm
SDCM	Cool White	
RA	92	
Corr. Coef.	0.002719533	
Correlation	0.0054	
R1	92.4	
R2	93.8	
R3	94.2	
R4	93.9	
R5	91.5	
R6	92.3	
R7	95.0	
R8	85.7	
R9	64.8	
R10	84.8	
R11	94.3	
R12	82.0	
R13	92.3	
R14	96.0	

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	Calibration Checked Daily
<i>Temperature Meter</i>	National Instruments / USB TC01	1912751	10/26/2018
<i>LAMP Power Meter</i>	Yokogawa / WT332	C2QA27075V	10/25/2018
<i>Power Supply</i>	Chroma / 61602	616020002113	N/A
<i>Aux Lamp Supply</i>	Labsphere / LPS-100-0833	0331159372	N/A
<i>Cal Lamp Supply</i>	Labsphere / LPS-150-0268	1218148505	N/A
<i>Spectrometer</i>	Labsphere / CDS 1100	0624117792	N/A

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