

Project Number
19.01327



HUBBELL
Lighting

Date
7/28/2019

Photometric Test Report

Sphere

Test Sample Description

Catalog Number: P810000-009-30
Description: Mini Flush-Mount

Test Methods: IES LM-16-93
IES LM-79-08 § 9.1 & 12.1
Preburn Time: 0:30
Time To Stabilize: 1:06
Total Operating Time: 1:36

Input Voltage (Volts): 120.1
Input Current (Amps): 0.129
Input Wattage (Watts): 15.2
Ambient Temp (°C): 24



Hubbell Lighting, Inc.

701 Millennium Boulevard
Greenville, SC 29607
www.hubbellighting.com

Checked: B. LEE

Approved: P. McCARTHY



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



HUBBELL Lighting

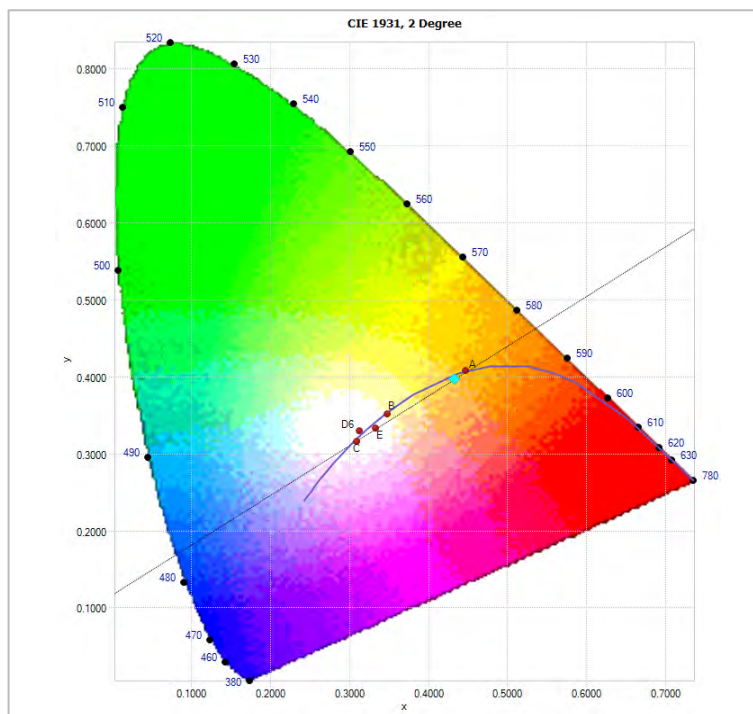
Lamp Cat#: Bridgelux 2835

Lamp Desc: 1 - Hal 3000K LEDs

Efficacy: 60.8 LPW

S/P Ratio: 1.5 LM/LM

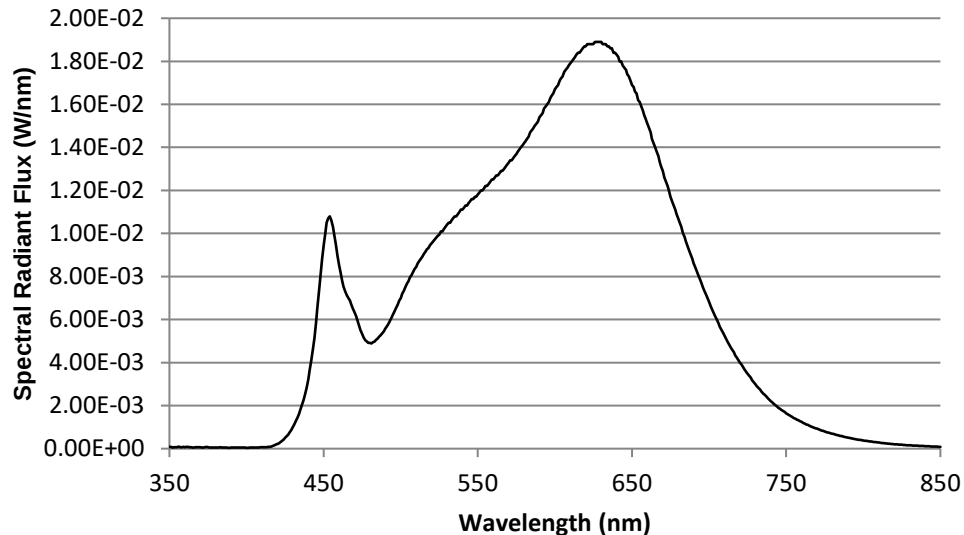
Chromaticity Diagram



Spectral Results

Name	Value	Unit
Φ	3.35	watts
$\Phi(v)$	924	lumens
$\Phi(v')$	1358	lm'
Chrom x	0.4325	
Chrom y	0.3973	
Chrom u	0.2506	
Chrom v	0.3454	
Duv	0.0022	
Chrom u'	0.2506	
Chrom v'	0.518	
CCT	3018	K
Purity	49.1	%
λ (dom)	583.5	nm
FWHM	166.9	nm
λ (peak)	628.5	nm
λ (center)	602.4	nm
λ (centroid)	596.0	nm
SDCM	Cool White	
RA	96	
Corr. Coef.	0.002106973	
Correlation	0.0054	
R1	97.5	
R2	99.1	
R3	98.5	
R4	96.4	
R5	97.0	
R6	96.6	
R7	94.1	
R8	89.2	
R9	77.2	
R10	96.8	
R11	97.1	
R12	83.0	
R13	98.5	
R14	98.6	

Spectral Distribution of Radiant Flux



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Sphere Calibration

Calibration Lamp: EIKO 28V75W/E10

Lamp Number: SCL-1400-K136

Calibration Current: 2.679 Amps

Total Luminous Flux: 1429 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	Checked Daily
<i>Thermometer</i>	National Instruments / USB TC01	1912751	10/31/2019
<i>Power Analyzer</i>	Yokogawa / WT332	C2QA27074V	10/31/2019
<i>Power Supply</i>	Chroma / 61602	616020002113	N/A
<i>Aux Lamp Supply</i>	GW Instek / PSU 150-10	GER221028	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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