

Project Number
19.01324



HUBBELL
Lighting

Date
7/24/2019

Photometric Test Report

Sphere

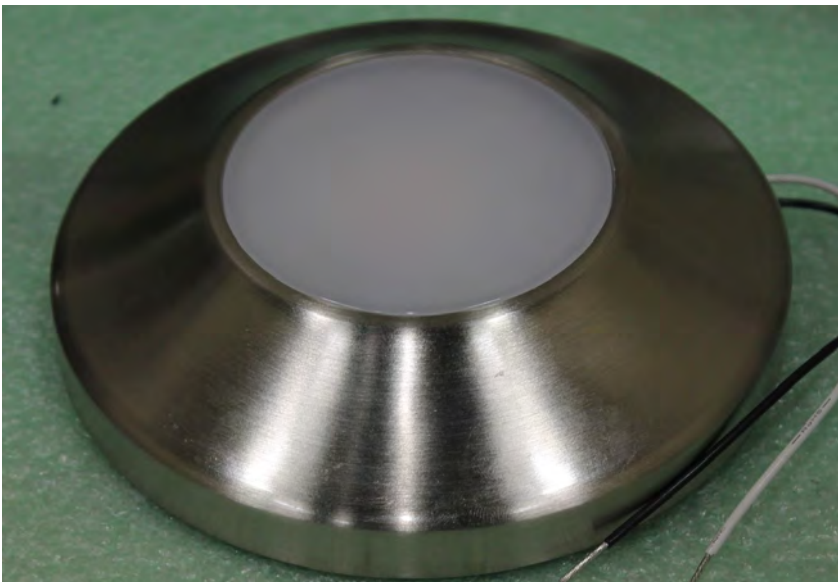
Test Sample Description

Catalog Number: P810001-009-30
Description: Mini Flushmount

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

Preburn Time: 0:30
Time To Stabilize: 0:55
Total Operating Time: 2:03

Input Voltage (Volts): 120.1
Input Current (Amps): 0.099
Input Wattage (Watts): 11.8
Ambient Temp (°C): 24



Hubbell Lighting, Inc.

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

Checked: M. ELLMANN

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

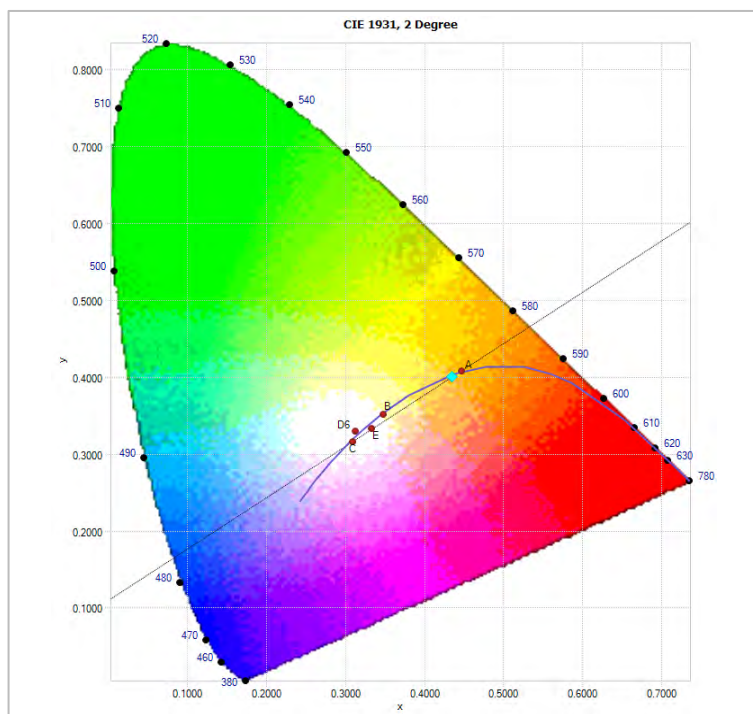
Lamp Cat#: Bridgelux 2835

Lamp Desc: 46 - Hal 3000K LEDs

Efficacy: 60.8 LPW

S/P Ratio: 1.4 LM/LM

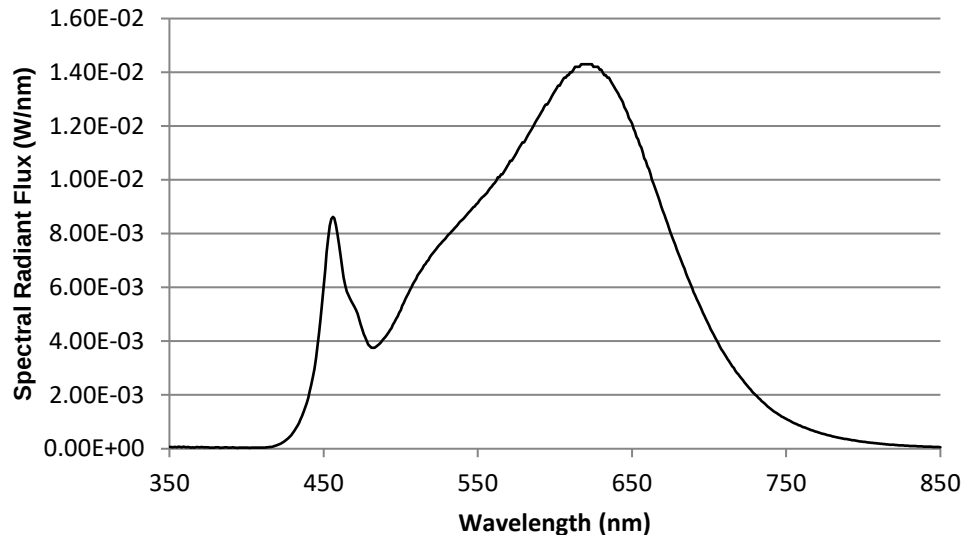
Chromaticity Diagram



Spectral Results

Name	Value	Unit
Φ	2.50	watts
$\Phi(v)$	718	lumens
$\Phi(v')$	1039	lm'
Chrom x	0.4342	
Chrom y	0.4008	
Chrom u	0.2502	
Chrom v	0.3464	
Duv	0.001	
Chrom u'	0.2502	
Chrom v'	0.5197	
CCT	3018	K
Purity	50.6	%
λ (dom)	583.1	nm
FWHM	161.5	nm
λ (peak)	620.7	nm
λ (center)	600.0	nm
λ (centroid)	593.5	nm
SDCM	Cool White	
RA	93	
Corr. Coef.	0.000951082	
Correlation	0.0054	
R1	93.7	
R2	97.9	
R3	98.4	
R4	91.9	
R5	93.1	
R6	96.2	
R7	91.1	
R8	82.0	
R9	61.4	
R10	93.7	
R11	92.6	
R12	78.7	
R13	95.2	
R14	99.5	

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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