

Project Number
19.01322



HUBBELL
Lighting

Date
7/24/2019

Photometric Test Report

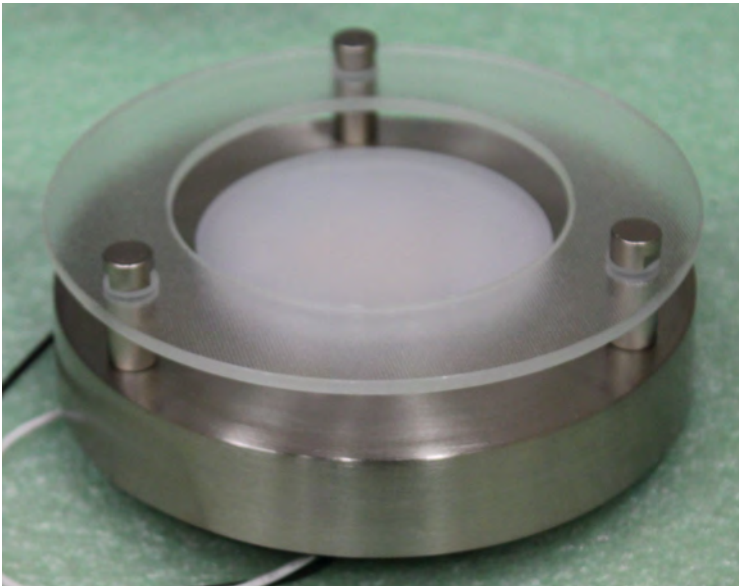
Sphere

Test Sample Description

Catalog Number: P810005-009-30
Description: Mini Flushmount

Test Methods: IES LM-16-93
IES LM-79-08 § 9.1 & 12.1
Preburn Time: 0:10
Time To Stabilize: 1:08
Total Operating Time: 1:53

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.



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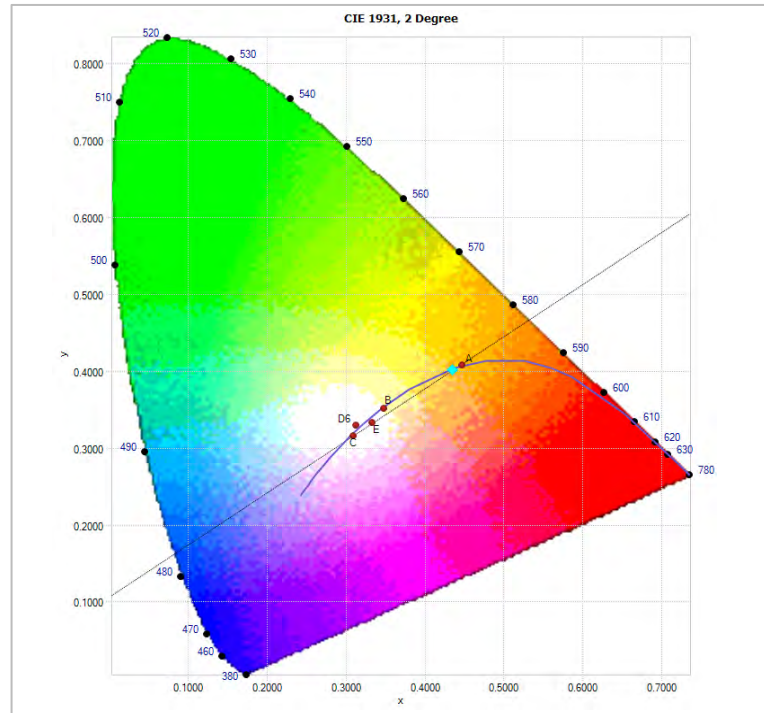
Lamp Cat#: Bridgelux 2835

Lamp Desc: 46 - HALL 3000K LEDs

Efficacy: 67.8 LPW

S/P Ratio: 1.4 LM/LM

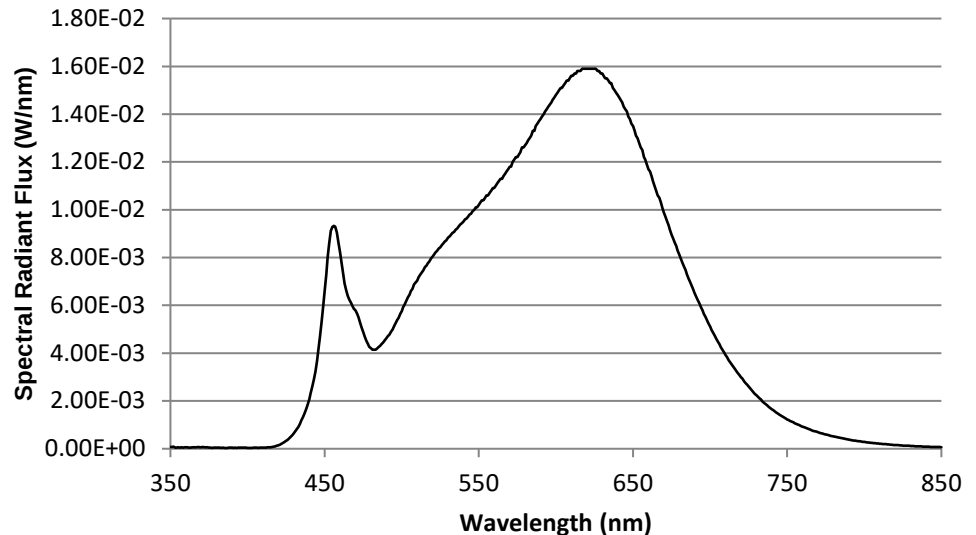
Chromaticity Diagram



Spectral Results

Name	Value	Unit
Φ	2.78	watts
$\Phi(v)$	800	lumens
$\Phi(v')$	1153	lm'
Chrom x	0.4351	
Chrom y	0.4022	
Chrom u	0.2502	
Chrom v	0.3469	
Duv	0.0006	
Chrom u'	0.2502	
Chrom v'	0.5204	
CCT	3014	K
Purity	51.3	%
λ (dom)	582.9	nm
FWHM	162	nm
λ (peak)	619.9	nm
λ (center)	600.0	nm
λ (centroid)	593.8	nm
SDCM	Cool White	
RA	93	
Corr. Coef.	0.000508617	
Correlation	0.0054	
R1	93.6	
R2	97.7	
R3	98.6	
R4	91.9	
R5	92.9	
R6	96.2	
R7	91.3	
R8	82.1	
R9	61.2	
R10	93.2	
R11	92.6	
R12	78.5	
R13	94.9	
R14	99.3	

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>
3-Meter Sphere	Labsphere / LMS-3M	N/A	Checked Daily
Thermometer	National Instruments / USB TC01	1912751	10/31/2019
Power Analyzer	Yokogawa / WT332	C2QA27074V	10/31/2019
Power Supply	Chroma / 61602	616020002113	N/A
Aux Lamp Supply	GW Instek / PSU 150-10	GER221028	N/A
Cal Lamp Supply	Labsphere / LPS-150-0268	1218148505	N/A
Spectrometer	Labsphere / CDS 1100	0624117792	N/A

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