

BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

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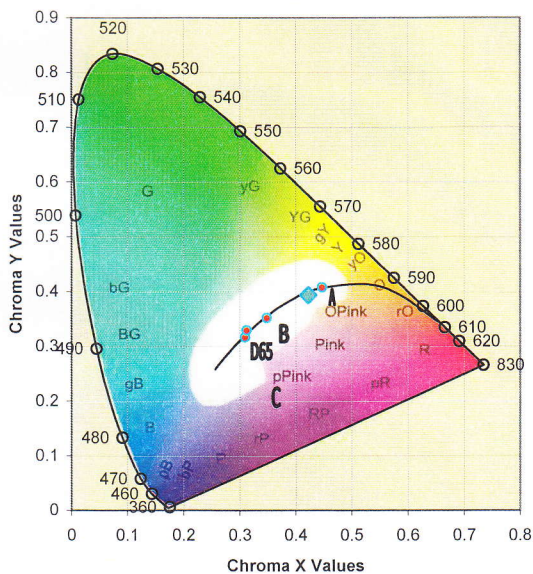


BALLABS CERTIFIED TEST REPORT NO.: 19563.0 A DATE 10/19/16
 PREPARED FOR: CHAMELEON LIGHTING - ELLISVILLE, MO
 DESCRIPTION: 1-40 LM561B PLUS 3000K LED 4.375"DIA ARRAY WALL SCONCE
 WHITE REFL w/8.75"DIA FABRIC WRAP WHITE DRUM DIFFUSER
 ERP LED DRIVER #ESS020W-0600-27
 CATALOG NBR: WC8-600-30-8/FD-WC8-D-X
 LAMP TYPE : LM561BPLUS 3000K

INPUT VOLTAGE (V)	120.0
INPUT CURRENT (A)	0.1414
INPUT WATTS (W)	16.816
POWER FACTOR	0.9912
THDv (%)	0.187
THDi (%)	11.805
LUMINOUS EFFICACY-LPW	94.1
LUMINOUS FLUX- LUMENS	1583
CHROMA x	0.4231
CHROMA y	0.393
CHROMA u	0.2464
CHROMA v	0.3433
DELTA uv (Duv)	0.0028
CORR COLOR TEMP (K)	3153
COLOR REND INDEX (RA)	84.25
COLOR REND INDEX (R9)	16.2

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.0897	610	30.7467
360	0.0757	620	28.9080
370	0.0864	630	26.0755
380	0.0853	640	22.8474
390	0.1008	650	19.3607
400	0.1466	660	15.8237
410	0.3079	670	12.4154
420	1.3350	680	9.6108
430	4.4084	690	7.2648
440	11.3664	700	5.4070
450	20.4137	710	3.9867
460	11.1483	720	2.9229
470	7.3913	730	2.1299
480	6.6862	740	1.5636
490	8.8440	750	1.1445
500	11.7297	760	0.8561
510	13.7846	770	0.6309
520	15.1865	780	0.4696
530	16.5600	790	0.3449
540	18.1285	800	0.2621
550	20.1376	810	0.1961
560	22.4741	820	0.1561
570	24.9649	830	0.1172
580	27.5890	840	0.0971
590	29.9456	850	0.0794
600	31.1319		

Chromaticity Diagram CIE 1931 2 Degree

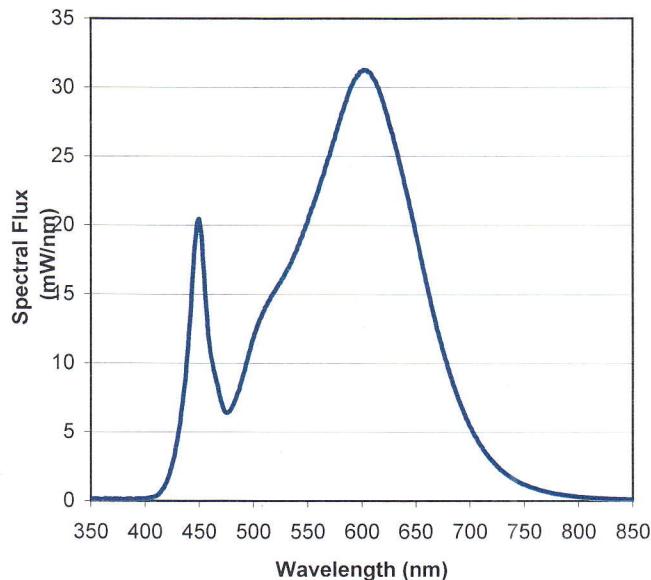


Data collected utilizing a Labsphere integrating sphere and 2100 spectroradiometer. Calibration of the spectroradiometer-sphere is traceable to the National Institute of Standards and Technology.



NVLAP LAB CODE 200921-0

Kelly C. Lerbs
 Vice President



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SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.