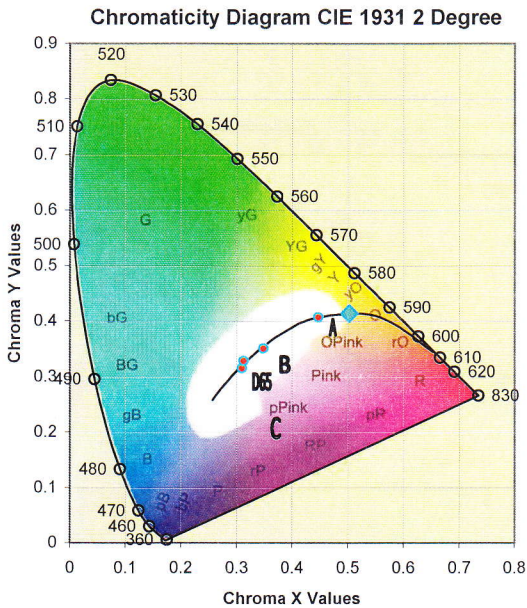


BALLABS CERTIFIED TEST REPORT NO.: 19416.0 A DATE 06/30/16
 PREPARED FOR: CHAMELEON LIGHTING - ELLISVILLE, MO
 DESCRIPTION: 1-192 LED 11.5"DIA ARRAY 19.25"DIA PENDANT LUMINAIRE
 WHITE REFLECTOR w/WHITE ACRYLIC DROP DIFFUSER
 TESTED @ 2200K AND FULL BRIGHTNESS
 CATALOG NBR: SV2-14
 LAMP TYPE : DE10069

INPUT VOLTAGE (V)	120.0
INPUT CURRENT (A)	0.3386
INPUT WATTS (W)	40.226
POWER FACTOR	0.9900
THDv (%)	0.160
THDi (%)	11.267
LUMINOUS EFFICACY-LPW	72.7
LUMINOUS FLUX- LUMENS	2926
CHROMA x	0.5032
CHROMA y	0.4145
CHROMA u	0.2889
CHROMA v	0.3569
DELTA uv (Duv)	-0.0002
CORR COLOR TEMP (K)	2219
COLOR REND INDEX (RA)	81.93
COLOR REND INDEX (R9)	12.9

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.1608	610	73.5987
360	0.2357	620	73.2825
370	0.1548	630	69.6326
380	0.1649	640	63.0314
390	0.1697	650	54.9491
400	0.1588	660	46.3433
410	0.2148	670	37.8757
420	0.5325	680	30.3664
430	1.4209	690	23.7918
440	4.0897	700	18.3424
450	12.2455	710	13.9285
460	11.4702	720	10.4847
470	9.9570	730	7.8225
480	8.6152	740	5.7576
490	10.1744	750	4.2737
500	13.2694	760	3.1691
510	16.4673	770	2.3342
520	19.5267	780	1.7116
530	22.4298	790	1.2574
540	25.9503	800	0.9266
550	30.4561	810	0.6867
560	36.4930	820	0.5048
570	44.2985	830	0.3944
580	53.5313	840	0.2976
590	62.8231	850	0.2225
600	70.0183		

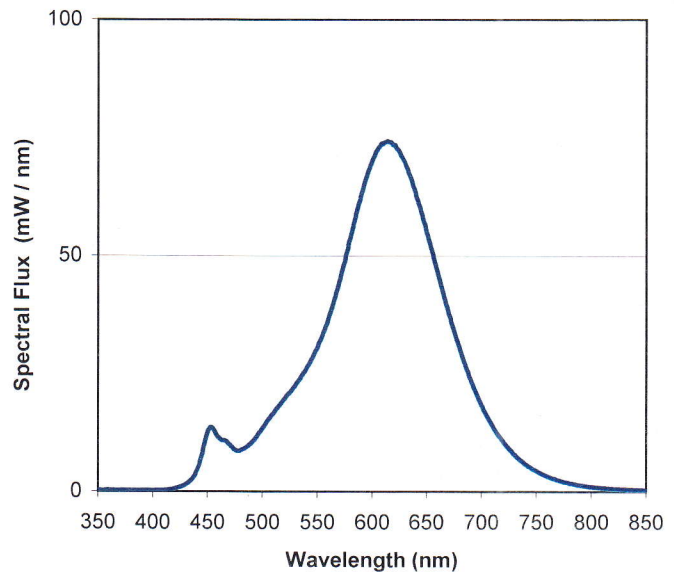


Data collected utilizing a Labsphere integrating sphere and 2100 spectroradiometer. Calibration of the spectroradiometer-sphere is traceable to the National Institute of Standards and Technology.



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.