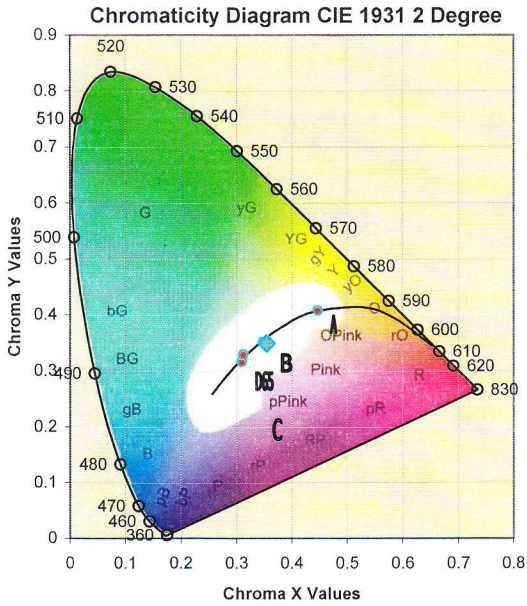


BALLABS CERTIFIED TEST REPORT NO.: 19422.0 A DATE 06/30/16
 PREPARED FOR: CHAMELEON LIGHTING - ELLISVILLE, MO
 DESCRIPTION: 1-192 LED 11.5"DIA ARRAY 19.25"DIA PENDANT LUMINAIRE
 WHITE REFLECTOR w/WHITE ACRYLIC DROP DIFFUSER
 TESTED @ 5000K AND FULL BRIGHTNESS
 CATALOG NBR: SV2-14
 LAMP TYPE : DE10069

INPUT VOLTAGE (V)	120.0
INPUT CURRENT (A)	0.2890
INPUT WATTS (W)	34.318
POWER FACTOR	0.9893
THDv (%)	0.170
THDi (%)	11.826
LUMINOUS EFFICACY-LPW	91.3
LUMINOUS FLUX- LUMENS	3133
CHROMA x	0.3547
CHROMA y	0.3491
CHROMA u	0.2189
CHROMA v	0.3233
DELTA uv (Duv)	-0.0050
CORR COLOR TEMP (K)	4630
COLOR REND INDEX (RA)	88.93
COLOR REND INDEX (R9)	45.8

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.3112	610	49.4842
360	0.3549	620	46.0057
370	0.3513	630	41.5065
380	0.3592	640	36.0106
390	0.3665	650	30.2893
400	0.4204	660	24.7991
410	0.6310	670	19.7668
420	1.6915	680	15.5128
430	5.6338	690	12.0162
440	17.9520	700	9.1240
450	58.3900	710	6.9112
460	77.3293	720	5.1536
470	46.6467	730	3.8273
480	29.3534	740	2.8145
490	25.2926	750	2.0836
500	27.9311	760	1.5453
510	32.7640	770	1.1514
520	36.6739	780	0.8600
530	39.2176	790	0.6444
540	41.2834	800	0.4771
550	43.2032	810	0.3670
560	45.2696	820	0.2689
570	47.4153	830	0.2061
580	49.5703	840	0.1723
590	51.0643	850	0.1368
600	51.1647		

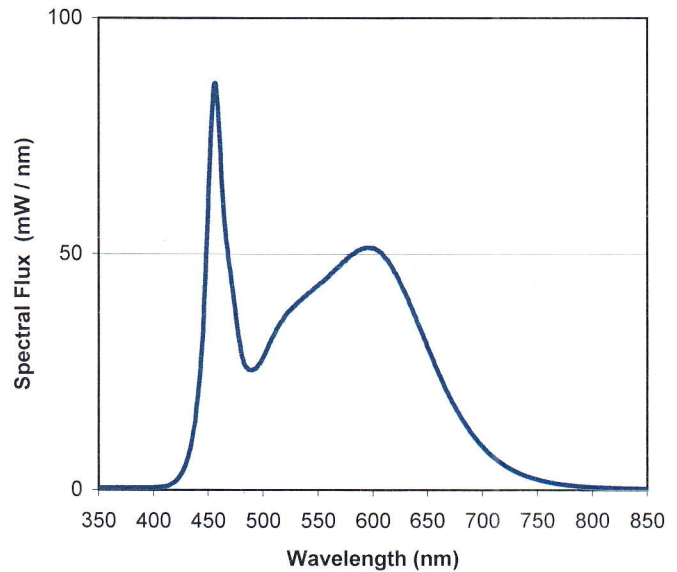


Data collected utilizing a Labsphere integrating sphere and 2100 spectroradiometer. Calibration of the spectroradiometer-sphere is traceable to the National Institute of Standards and Technology.



Kelly C. Lerbs
Vice President

NVLAP LAB CODE 200921-0



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