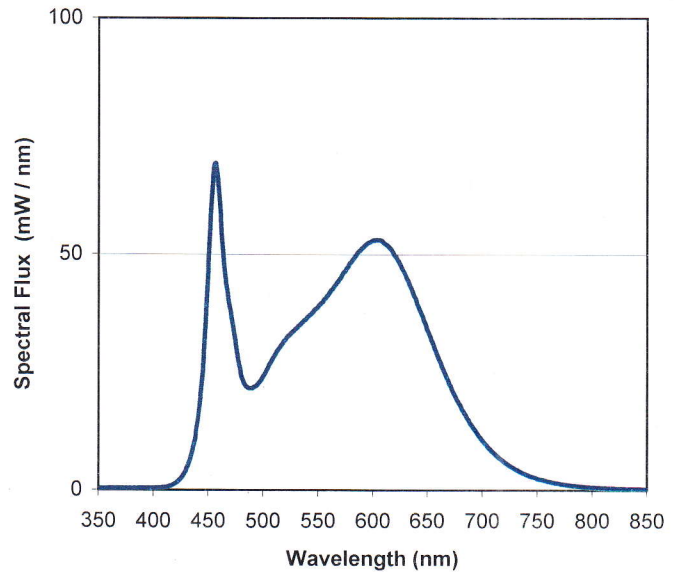
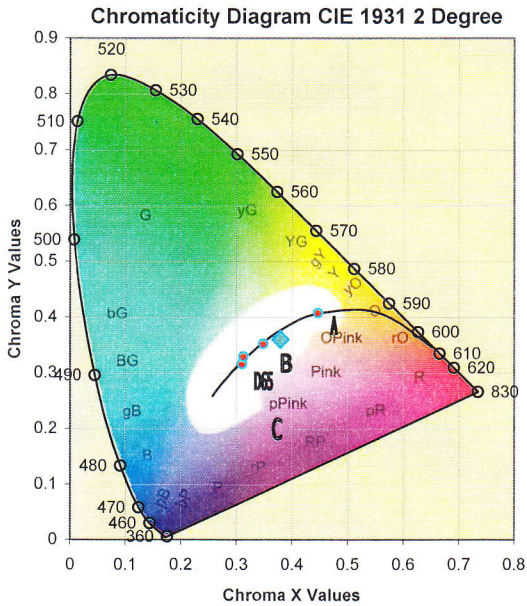


BALLABS CERTIFIED TEST REPORT NO.: 19421.0 A DATE 06/30/16  
 PREPARED FOR: CHAMELEON LIGHTING - ELLISVILLE, MO  
 DESCRIPTION: 1-192 LED 11.5"DIA ARRAY 19.25"DIA PENDANT LUMINAIRE  
 WHITE REFLECTOR w/WHITE ACRYLIC DROP DIFFUSER  
 TESTED @ 4000K AND FULL BRIGHTNESS  
 CATALOG NBR: SV2-14  
 LAMP TYPE : DE10069

INPUT VOLTAGE (V)	120.1
INPUT CURRENT (A)	0.2828
INPUT WATTS (W)	33.578
POWER FACTOR	0.9889
THDv (%)	0.164
THDi (%)	12.014
LUMINOUS EFFICACY-LPW	88.2
LUMINOUS FLUX- LUMENS	2961
CHROMA x	0.3799
CHROMA y	0.3601
CHROMA u	0.2316
CHROMA v	0.3293
DELTA uv (Duv)	-0.0078
CORR COLOR TEMP (K)	3883
COLOR REND INDEX (RA)	89.39
COLOR REND INDEX (R9)	49.3

Wavelength (nm)	Spectral Flux (mW/nm)	Wavelength (nm)	Spectral Flux (mW/nm)
350	0.2515	610	52.3288
360	0.3133	620	49.6421
370	0.2969	630	45.5287
380	0.2967	640	40.0608
390	0.3165	650	34.0824
400	0.3485	660	28.1360
410	0.5101	670	22.5849
420	1.2743	680	17.8498
430	4.1698	690	13.8627
440	13.4836	700	10.5705
450	45.1067	710	7.9858
460	63.1603	720	5.9672
470	38.5114	730	4.4302
480	24.7149	740	3.2523
490	21.5681	750	2.4125
500	23.9571	760	1.7961
510	28.1647	770	1.3315
520	31.6390	780	0.9792
530	34.1711	790	0.7241
540	36.4629	800	0.5376
550	38.7683	810	0.4080
560	41.5388	820	0.3077
570	44.7311	830	0.2306
580	48.1922	840	0.1793
590	51.2240	850	0.1398
600	52.8120		



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.