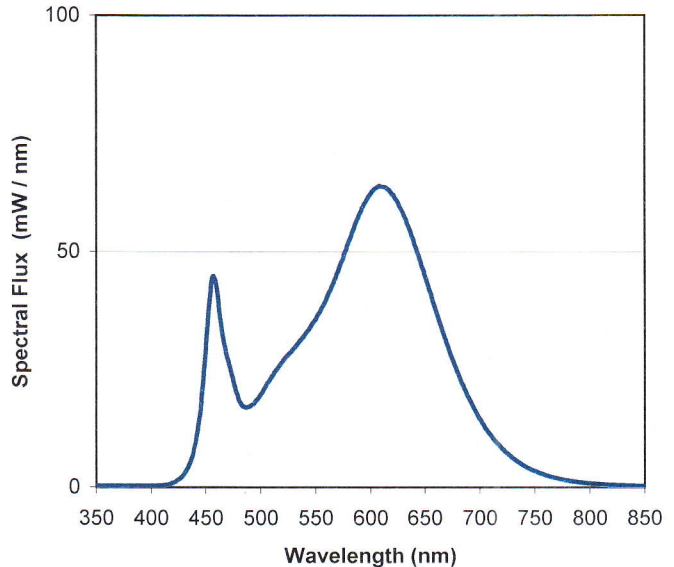
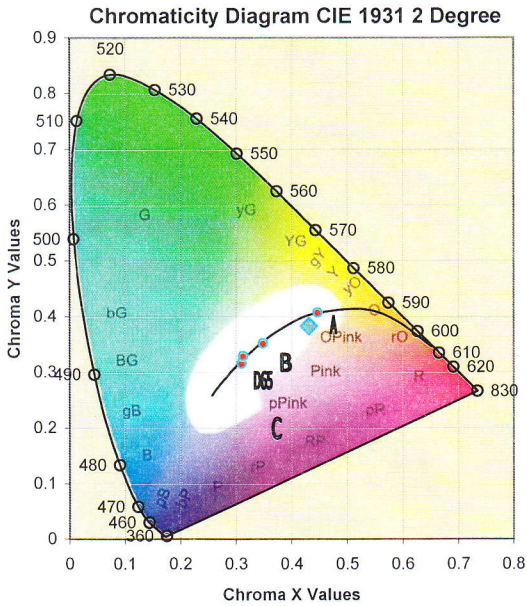


BALLABS CERTIFIED TEST REPORT NO.: 19419.0 A DATE 06/30/16  
 PREPARED FOR: CHAMELEON LIGHTING - ELLISVILLE, MO  
 DESCRIPTION: 1-192 LED 11.5"DIA ARRAY 19.25"DIA PENDANT LUMINAIRE  
 WHITE REFLECTOR w/WHITE ACRYLIC DROP DIFFUSER  
 TESTED @ 3000K AND FULL BRIGHTNESS  
 CATALOG NBR: SV2-14  
 LAMP TYPE : DE10069

INPUT VOLTAGE (V)	120.1
INPUT CURRENT (A)	0.3076
INPUT WATTS (W)	36.528
POWER FACTOR	0.9893
THDv (%)	0.170
THDi (%)	11.758
LUMINOUS EFFICACY-LPW	82.4
LUMINOUS FLUX- LUMENS	3011
CHROMA x	0.4317
CHROMA y	0.3828
CHROMA u	0.2566
CHROMA v	0.3413
DELTA uv (Duv)	-0.0080
CORR COLOR TEMP (K)	2908
COLOR REND INDEX (RA)	87.18
COLOR REND INDEX (R9)	38.2

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.2514	610	63.6304
360	0.2681	620	61.9770
370	0.2640	630	57.9871
380	0.2842	640	51.9085
390	0.2701	650	44.8231
400	0.2984	660	37.4288
410	0.3625	670	30.3479
420	0.8704	680	24.1901
430	2.6851	690	18.9014
440	8.5948	700	14.4610
450	28.5962	710	10.9609
460	42.4564	720	8.2096
470	27.2348	730	6.1075
480	18.6938	740	4.5091
490	17.0622	750	3.3296
500	19.5924	760	2.4791
510	23.3005	770	1.8284
520	26.6043	780	1.3319
530	29.3394	790	0.9828
540	32.2186	800	0.7305
550	35.5900	810	0.5424
560	39.9790	820	0.4122
570	45.4159	830	0.3078
580	51.7512	840	0.2476
590	57.7990	850	0.1812
600	62.1356		



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

*[Signature]*  
 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.