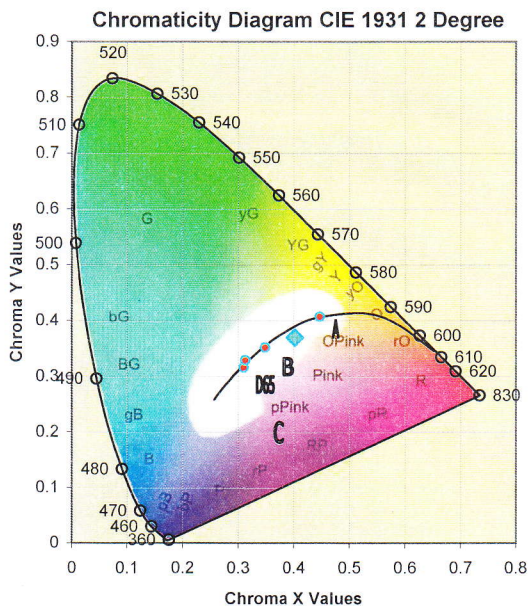


BALLABS CERTIFIED TEST REPORT NO.: 19420.0 A DATE 06/30/16  
 PREPARED FOR: CHAMELEON LIGHTING - ELLISVILLE, MO  
 DESCRIPTION: 1-192 LED 11.5"DIA ARRAY 19.25"DIA PENDANT LUMINAIRE  
 WHITE REFLECTOR w/WHITE ACRYLIC DROP DIFFUSER  
 TESTED @ 3500K AND FULL BRIGHTNESS  
 CATALOG NBR: SV2-14  
 LAMP TYPE : DE10069

INPUT VOLTAGE (V)	120.1
INPUT CURRENT (A)	0.2885
INPUT WATTS (W)	34.254
POWER FACTOR	0.9890
THDv (%)	0.167
THDi (%)	12.078
LUMINOUS EFFICACY-LPW	85.7
LUMINOUS FLUX- LUMENS	2936
CHROMA x	0.4025
CHROMA y	0.3700
CHROMA u	0.2426
CHROMA v	0.3346
DELTA uv (Duv)	-0.0087
CORR COLOR TEMP (K)	3384
COLOR REND INDEX (RA)	88.71
COLOR REND INDEX (R9)	46.4

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.3015	610	56.4827
360	0.3197	620	54.3639
370	0.2984	630	50.3143
380	0.2994	640	44.6712
390	0.2850	650	38.2953
400	0.3099	660	31.8031
410	0.4190	670	25.6650
420	1.0499	680	20.3799
430	3.3862	690	15.8410
440	10.9133	700	12.1038
450	36.8763	710	9.1580
460	53.4974	720	6.8548
470	33.1254	730	5.1030
480	21.8508	740	3.7498
490	19.3051	750	2.7757
500	21.6462	760	2.0591
510	25.5972	770	1.5236
520	28.9397	780	1.1118
530	31.5119	790	0.8222
540	33.9502	800	0.6191
550	36.7297	810	0.4715
560	40.1717	820	0.3520
570	44.2830	830	0.2672
580	48.9734	840	0.1994
590	53.3194	850	0.1636
600	56.0878		

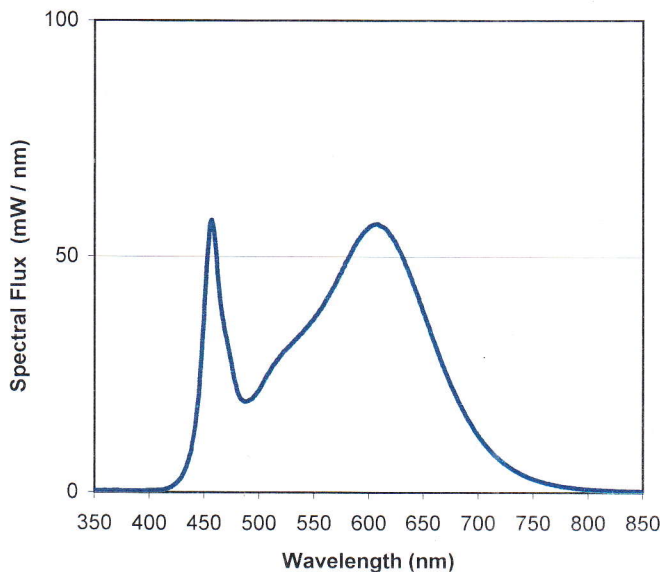


Data collected utilizing a Labsphere integrating sphere and 2100 spectroradiometer. Calibration of the spectroradiometer-sphere is traceable to the National Institute of Standards and Technology.



Kelly C. Lerbs  
Vice President

NVLAP LAB CODE 200921-0



THIS BALLABS REPORT WITH THE USE OF THE NVLAP LOGO SHALL NOT BE USED BY THIS CLIENT TO CLAIM PRODUCT CERTIFICATION, APPROVAL, OR ENDORSEMENT BY NVLAP, NIST, OR ANY AGENCY OF THE FEDERAL GOVERNMENT.

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