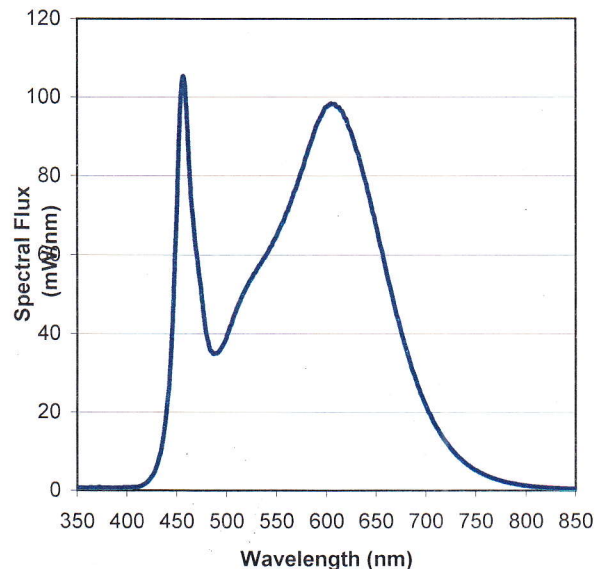
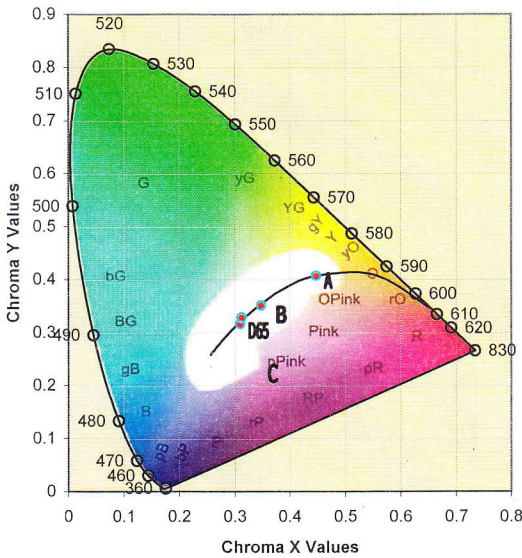


BALLABS CERTIFIED TEST REPORT NO.: 19387.0 A DATE 06/06/16
 PREPARED FOR: CHAMELEON LIGHTING - ELLISVILLE, MO
 DESCRIPTION: 2-168 LUMILEDS LED HALF RND ARRAYS 28.5"DIA LUMINAIRE
 WHITE REFLECTOR w/WHITE FROSTED ACRYLIC DRUM DIFFUSER
 DAVE ENG DDPM #DE10101 PROG TO 3500K CCT & FULL OUTPUT
 CATALOG NBR: SV2-22
 LAMP TYPE : CHAMELEON SEMI CIRCLE 2200/6500LED CHIP PCB #DE10052

INPUT VOLTAGE (V)	120.0
INPUT CURRENT (A)	0.4779
INPUT WATTS (W)	56.789
POWER FACTOR	0.9902
THDv (%)	0.148%
THDi (%)	10.915%
LUMINOUS EFFICACY-LPW	90.5
LUMINOUS FLUX- LUMENS	5140
CHROMA x	0.3979
CHROMA y	0.3666
CHROMA u	0.2410
CHROMA v	0.3331
DELTA uv (Duv)	-0.0093
CORR COLOR TEMP (K)	3462
COLOR REND INDEX (RA)	89.22
COLOR REND INDEX (R9)	50.6

Wavelength (nm)	Spectral Flux (mW/nm)	Wavelength (nm)	Spectral Flux (mW/nm)
350	0.5140	610	97.5880
360	0.5930	620	94.3468
370	0.6371	630	87.0268
380	0.6792	640	78.0210
390	0.6804	650	67.3596
400	0.7201	660	56.2947
410	0.8485	670	45.5798
420	1.9063	680	36.2112
430	5.9977	690	28.2630
440	19.7500	700	21.6551
450	69.0568	710	16.3711
460	97.0950	720	12.2853
470	60.5219	730	9.1481
480	39.6875	740	6.7758
490	34.8893	750	5.0251
500	38.8497	760	3.7246
510	45.9167	770	2.7629
520	51.6053	780	2.0332
530	56.0675	790	1.5155
540	59.9913	800	1.1355
550	64.4303	810	0.8419
560	70.3823	820	0.6327
570	77.0530	830	0.4882
580	84.9577	840	0.3828
590	92.4646	850	0.3019
600	97.3014		

Chromaticity Diagram CIE 1931 2 Degree



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

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.