

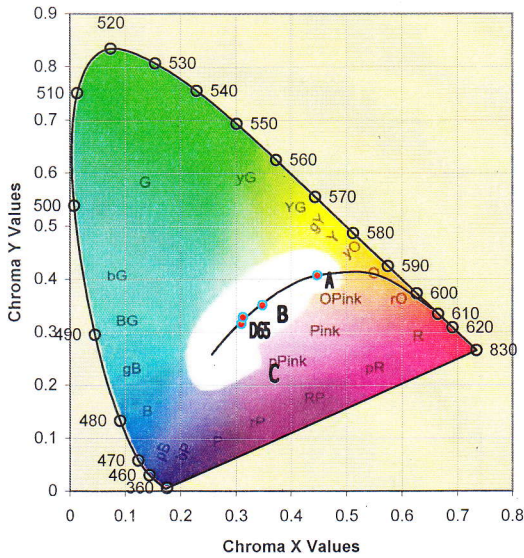


BALLABS CERTIFIED TEST REPORT NO.: 19390.0 A DATE 06/06/16
 PREPARED FOR: CHAMELEON LIGHTING - ELLISVILLE, MO
 DESCRIPTION: 2-168 LUMILEDS LED HALF RND ARRAYS 28.5"DIA LUMINAIRE
 WHITE REFLECTOR w/WHITE FROSTED ACRYLIC DRUM DIFFUSER
 DAVE ENG DDPM #DE10101 PROG TO 6500K CCT & FULL OUTPUT
 CATALOG NBR: SV2-22
 LAMP TYPE : CHAMELEON SEMI CIRCLE 2200/6500LED CHIP PCB #DE10052

INPUT VOLTAGE (V)	120.0
INPUT CURRENT (A)	0.4707
INPUT WATTS (W)	55.942
POWER FACTOR	0.9902
THDv (%)	0.154%
THDi (%)	10.916%
LUMINOUS EFFICACY-LPW	94.1
LUMINOUS FLUX- LUMENS	5266
CHROMA x	0.3138
CHROMA y	0.3290
CHROMA u	0.1986
CHROMA v	0.3123
DELTA uv (Duv)	0.0026
CORR COLOR TEMP (K)	6444
COLOR REND INDEX (RA)	85.98
COLOR REND INDEX (R9)	25.9

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.7640	610	66.4666
360	0.8080	620	59.3331
370	0.8775	630	51.2934
380	0.8904	640	43.4184
390	0.9484	650	35.6860
400	1.0991	660	28.6415
410	1.5608	670	22.4395
420	3.9765	680	17.4580
430	13.0151	690	13.3309
440	41.3519	700	10.1363
450	131.8306	710	7.6217
460	162.6455	720	5.6943
470	97.3940	730	4.2624
480	60.3305	740	3.1752
490	50.7510	750	2.3561
500	54.8638	760	1.7901
510	64.0874	770	1.3441
520	70.9020	780	1.0059
530	74.8433	790	0.7780
540	77.0104	800	0.5872
550	78.2011	810	0.4385
560	79.5050	820	0.3625
570	79.5408	830	0.2911
580	78.7967	840	0.2114
590	76.8069	850	0.1899
600	72.7899		

Chromaticity Diagram CIE 1931 2 Degree



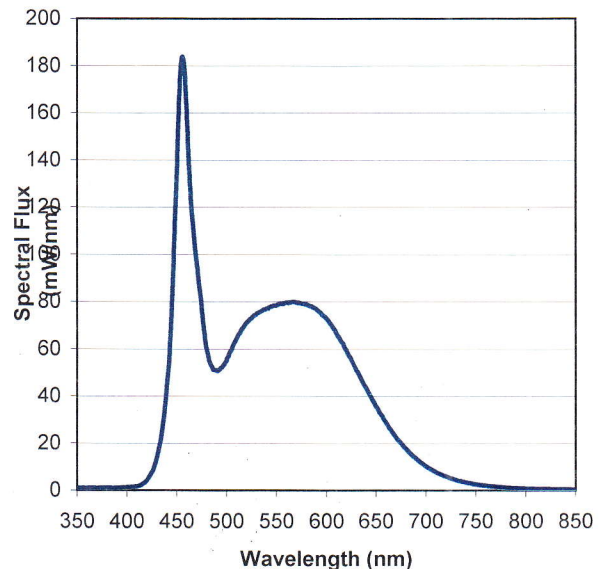
Data collected utilizing a Labsphere integrating sphere and 2100 spectroradiometer. Calibration of the spectroradiometer-sphere is traceable to the National Institute of Standards and Technology.



[Handwritten Signature]

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.