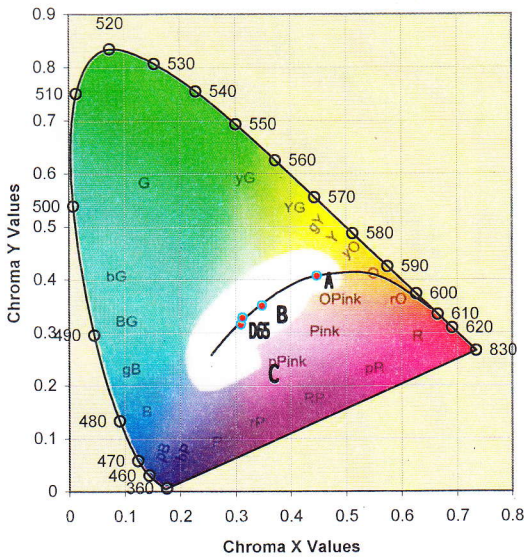


BALLABS CERTIFIED TEST REPORT NO.: 19385.0 A DATE 06/06/16
 PREPARED FOR: CHAMELEON LIGHTING - ELLISVILLE, MO
 DESCRIPTION: 2-168 LUMILEDS LED HALF RND ARRAYS 28.5"DIA LUMINAIRE
 WHITE REFLECTOR w/WHITE FROSTED ACRYLIC DRUM DIFFUSER
 DAVE ENG DDPM #DE10101 PROG TO 2700K CCT & FULL OUTPUT
 CATALOG NBR: SV2-22
 LAMP TYPE : CHAMELEON SEMI CIRCLE 2200/6500LED CHIP PCB #DE10052

INPUT VOLTAGE (V)	120.0
INPUT CURRENT (A)	0.5338
INPUT WATTS (W)	63.427
POWER FACTOR	0.9904
THDv (%)	0.159%
THDi (%)	10.720%
LUMINOUS EFFICACY-LPW	80.2
LUMINOUS FLUX- LUMENS	5085
CHROMA x	0.4523
CHROMA y	0.3912
CHROMA u	0.2665
CHROMA v	0.3457
DELTA uv (Duv)	-0.0067
CORR COLOR TEMP (K)	2652
COLOR REND INDEX (RA)	86.31
COLOR REND INDEX (R9)	33.7

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.4915	610	113.8035
360	0.5270	620	112.2371
370	0.4853	630	105.2939
380	0.4849	640	95.7165
390	0.4526	650	83.7484
400	0.4865	660	70.6180
410	0.5811	670	57.5085
420	1.2676	680	46.0581
430	3.6810	690	36.0922
440	11.7346	700	27.8323
450	39.8987	710	21.0555
460	56.8633	720	15.8403
470	38.2282	730	11.8092
480	27.4419	740	8.7608
490	25.8818	750	6.5128
500	30.3000	760	4.8364
510	36.3505	770	3.5355
520	41.7170	780	2.6004
530	46.3837	790	1.9349
540	51.4250	800	1.4199
550	57.5995	810	1.0621
560	66.0583	820	0.8064
570	76.3479	830	0.6164
580	88.6470	840	0.4679
590	101.1324	850	0.3687
600	110.1365		

Chromaticity Diagram CIE 1931 2 Degree



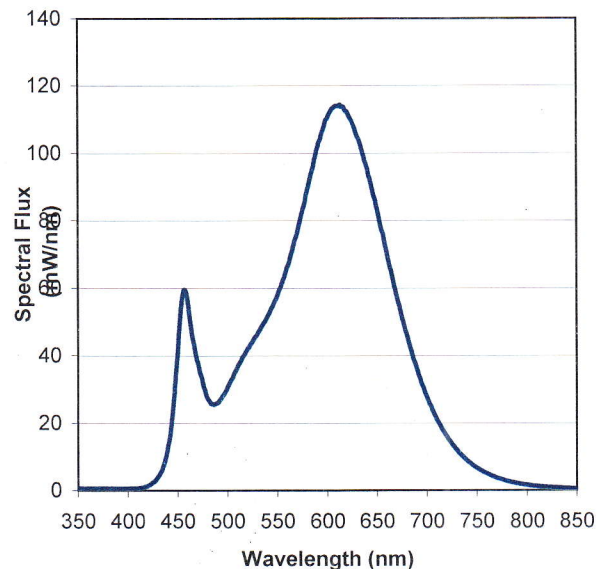
Data collected utilizing a Labsphere integrating sphere and 2100 spectroradiometer. Calibration of the spectroradiometer-sphere is traceable to the National Institute of Standards and Technology.



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.