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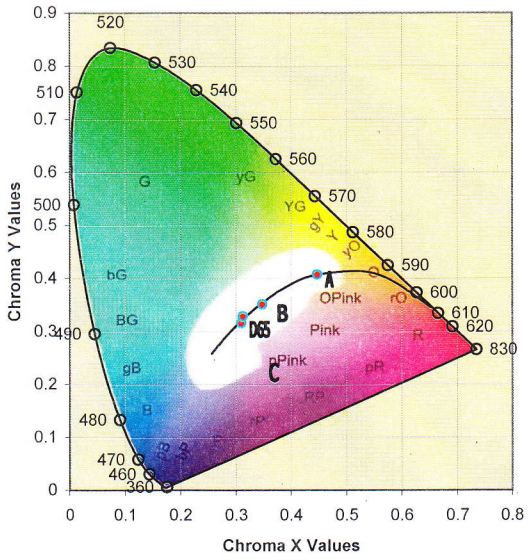
SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.

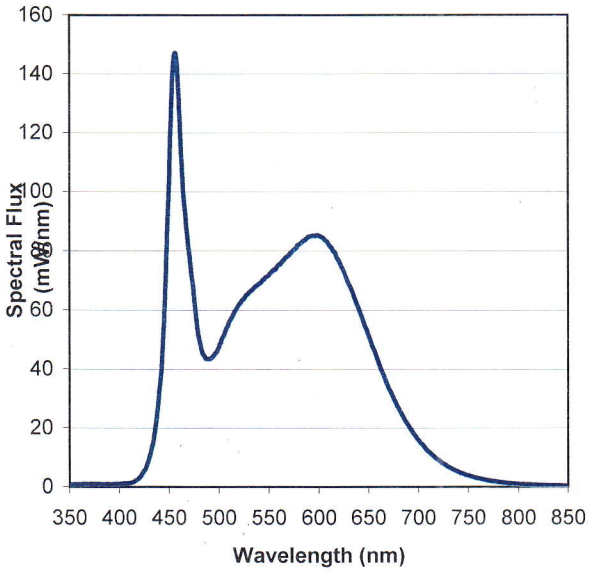
BALLABS CERTIFIED TEST REPORT NO.: 19389.0 A DATE 06/06/16
PREPARED FOR: CHAMELEON LIGHTING - ELLISVILLE, MO
DESCRIPTION: 2-168 LUMILEDS LED HALF RND ARRAYS 28.5"DIA LUMINAIRE
WHITE REFLECTOR w/WHITE FROSTED ACRYLIC DRUM DIFFUSER
DAVE ENG DDPM #DE10101 PROG TO 5000K CCT & FULL OUTPUT
CATALOG NBR: SV2-22
LAMP TYPE : CHAMELEON SEMI CIRCLE 2200/6500LED CHIP PCB #DE10052

INPUT VOLTAGE (V)	120.0
INPUT CURRENT (A)	0.4671
INPUT WATTS (W)	55.502
POWER FACTOR	0.9902
THDv (%)	0.154%
THDi (%)	10.906%
LUMINOUS EFFICACY-LPW	94.0
LUMINOUS FLUX- LUMENS	5215
CHROMA x	0.3521
CHROMA y	0.3460
CHROMA u	0.2184
CHROMA v	0.3220
DELTA uv (Duv)	-0.0057
CORR COLOR TEMP (K)	4709
COLOR REND INDEX (RA)	89.50
COLOR REND INDEX (R9)	50.6

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.6779	610	82.0069
360	0.6518	620	76.6611
370	0.7699	630	69.0441
380	0.8351	640	60.6399
390	0.8097	650	51.4909
400	0.8599	660	42.4248
410	1.1945	670	33.8569
420	2.8417	680	26.6906
430	9.1730	690	20.6749
440	29.8730	700	15.7856
450	100.9448	710	11.9532
460	132.3659	720	8.9581
470	80.2729	730	6.6625
480	50.6497	740	4.9021
490	43.2135	750	3.6782
500	47.1920	760	2.7410
510	55.3462	770	2.0140
520	61.5330	780	1.5092
530	65.7162	790	1.1300
540	68.6657	800	0.8357
550	71.5598	810	0.6703
560	75.1120	820	0.5047
570	78.4210	830	0.3632
580	81.9041	840	0.2978
590	84.6390	850	0.2505
600	84.9190		

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.

NVLAP LAB CODE 200921-0

Kelly C Lerbs
Vice President

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