BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.
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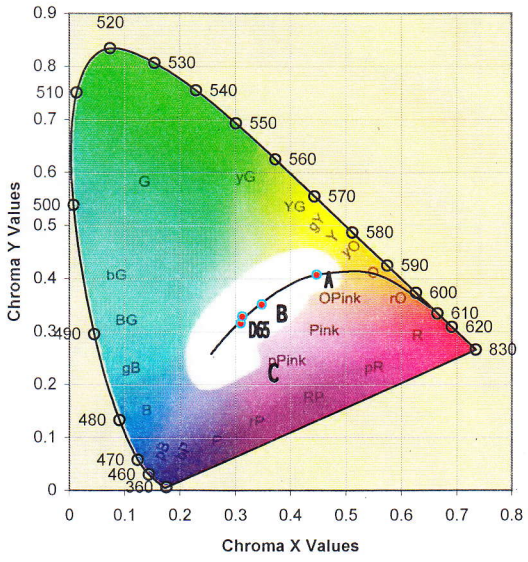
SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.

BALLABS CERTIFIED TEST REPORT NO.: 19388.0 A DATE 06/06/16
PREPARED FOR: CHAMELEON LIGHTING - ELLISVILLE, MO
DESCRIPTION: 2-168 LUMILED LED HALF RND ARRAYS 28.5"DIA LUMINAIRE
WHITE REFLECTOR w/WHITE FROSTED ACRYLIC DRUM DIFFUSER
DAVE ENG DDPM #DE10101 PROG TO 4000K CCT & FULL OUTPUT
CATALOG NBR: SV2-22
LAMP TYPE : CHAMELEON SEMI CIRCLE 2200/6500LED CHIP PCB #DE10052

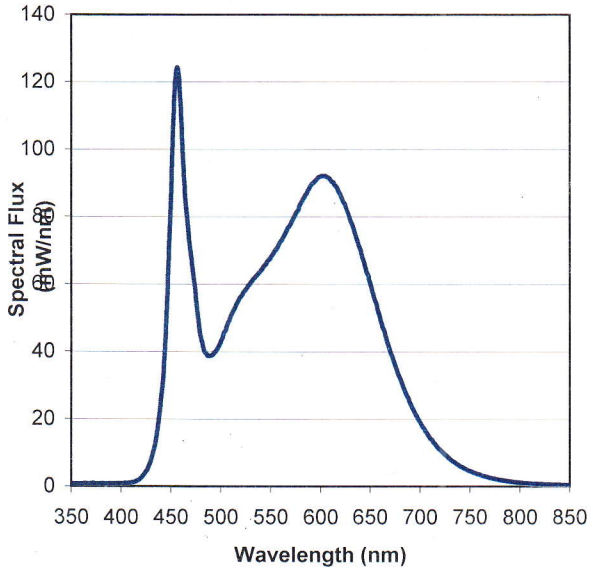
INPUT VOLTAGE (V)	120.0
INPUT CURRENT (A)	0.4675
INPUT WATTS (W)	55.551
POWER FACTOR	0.9902
THDv (%)	0.145%
THDi (%)	10.938%
LUMINOUS EFFICACY-LPW	93.1
LUMINOUS FLUX- LUMENS	5174
CHROMA x	0.3767
CHROMA y	0.3570
CHROMA u	0.2307
CHROMA v	0.3280
DELTA uv (Duv)	-0.0084
CORR COLOR TEMP (K)	3951
COLOR REND INDEX (RA)	89.85
COLOR REND INDEX (R9)	53.4

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.5140	610	90.7722
360	0.6762	620	86.4614
370	0.7458	630	79.1334
380	0.7242	640	70.3743
390	0.7158	650	60.4056
400	0.7664	660	50.2114
410	0.9969	670	40.4081
420	2.2917	680	31.9753
430	7.2909	690	24.8833
440	23.9831	700	19.0099
450	83.0246	710	14.3599
460	113.1187	720	10.7890
470	69.5190	730	8.0387
480	44.5896	740	5.9624
490	38.6601	750	4.4157
500	42.5386	760	3.2980
510	50.1228	770	2.4198
520	56.0237	780	1.8013
530	60.3947	790	1.3466
540	63.8642	800	0.9878
550	67.5767	810	0.7421
560	72.4496	820	0.5692
570	77.6256	830	0.4326
580	83.6568	840	0.3446
590	88.9851	850	0.2707
600	91.7666		

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.



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Kelly C Lerbs
Vice President

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