BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

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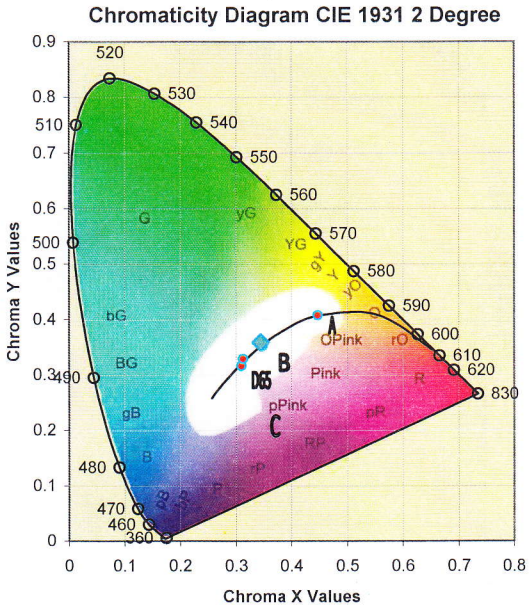
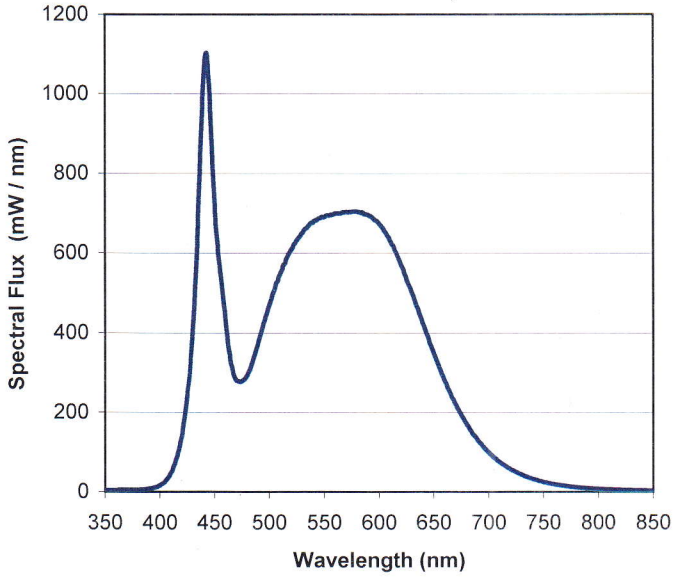
SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.

BALLABS CERTIFIED TEST REPORT NO.: 19478.0 A DATE 09/07/16
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
DESCRIPTION: 4-192 LED 22"ARRAYS EACH ON ALUM HEATSINK 24x19"HIGHBAY LUMINAIRE WITH NO DIFFUSER/OPEN BOTTOM & CENTER DRIVER HOUSING 4 ADVANCE #XI095C275V054DNF1 @ 2.45A EACH
CATALOG NBR: GP4-L460/850-6CPI/5-15P WHITE-PROTOTYPE-DRV-120
LAMP TYPE : D5638D192C2560A8N50JRB

INPUT VOLTAGE (V)	120.0
INPUT CURRENT (A)	3.1611
INPUT WATTS (W)	375.440
POWER FACTOR	0.9894
THDv (%)	0.446
THDi (%)	10.047
LUMINOUS EFFICACY-LPW	122.0
LUMINOUS FLUX- LUMENS	45793
CHROMA x	0.3443
CHROMA y	0.3585
CHROMA u	0.2082
CHROMA v	0.3253
DELTA uv (Duv)	0.0038
CORR COLOR TEMP (K)	5053
COLOR REND INDEX (RA)	81.92
COLOR REND INDEX (R9)	9.0

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	3.2773	610	630.7032
360	3.4108	620	571.4555
370	3.6837	630	501.8806
380	4.2472	640	425.6008
390	6.5594	650	349.4700
400	14.6648	660	280.4717
410	45.6715	670	219.6018
420	138.0491	680	170.4537
430	385.1678	690	129.9984
440	1016.2240	700	98.4578
450	743.2092	710	74.4738
460	439.9513	720	56.2184
470	281.1397	730	42.2326
480	292.6322	740	31.3492
490	373.1620	750	23.5997
500	466.7332	760	17.8792
510	545.2077	770	13.4948
520	606.7146	780	10.1816
530	648.0649	790	7.8262
540	674.8180	800	5.9940
550	688.4953	810	4.7140
560	698.0575	820	3.7014
570	701.5658	830	2.9909
580	702.4724	840	2.2390
590	694.4888	850	1.8293
600	673.4671		





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 TESTING

NVLAP LAB CODE 200921-0

Kelly C Lerbs
Vice President

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