BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

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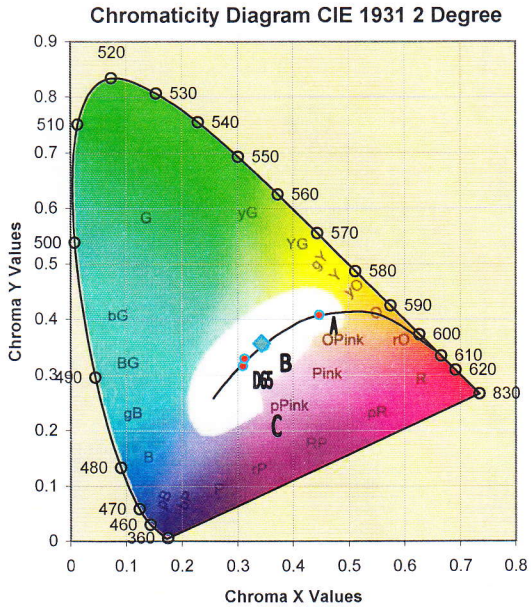
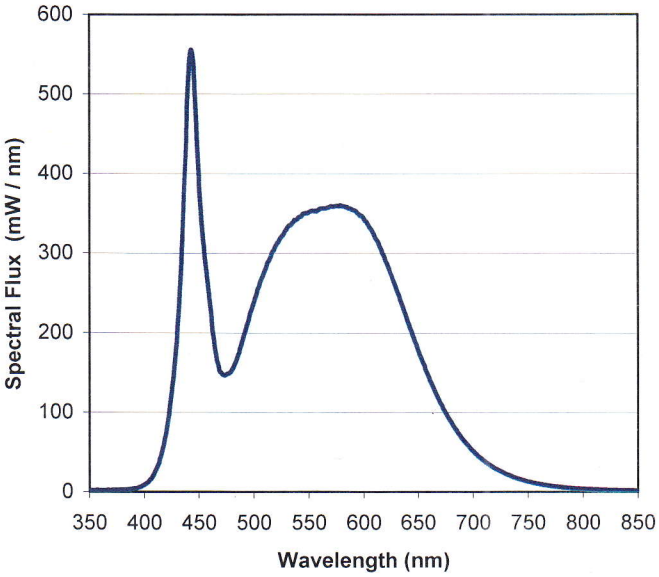
SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.

BALLABS CERTIFIED TEST REPORT NO.: 19477.0 A DATE 09/06/16
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
DESCRIPTION: 2-192 LED 22"ARRAYS EACH ON ALUM HEATSINK 24x18"HIGHBAY LUMINAIRE WITH NO DIFFUSER/OPEN BOTTOM & CENTER DRIVER HOUSING 2 ADVANCE #XI095C275V054DNF1 @ 2.45A EACH
CATALOG NBR: GP2-L230/850-6CPI/5-15P WHITE-PROTOTYPE-DRV-120
LAMP TYPE : D5638D192C2560A8N50JRB

INPUT VOLTAGE (V)	120.0
INPUT CURRENT (A)	1.5746
INPUT WATTS (W)	186.900
POWER FACTOR	0.9893
THDv (%)	0.201
THDi (%)	10.240
LUMINOUS EFFICACY-LPW	124.7
LUMINOUS FLUX- LUMENS	23310
CHROMA x	0.3432
CHROMA y	0.3565
CHROMA u	0.2082
CHROMA v	0.3245
DELTA uv (Duv)	0.0032
CORR COLOR TEMP (K)	5089
COLOR REND INDEX (RA)	82.23
COLOR REND INDEX (R9)	9.9

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	1.4916	610	320.8319
360	1.6755	620	290.0016
370	1.7889	630	254.7276
380	2.2681	640	216.3914
390	3.5349	650	177.7481
400	8.0854	660	142.7135
410	25.0157	670	111.8872
420	74.1285	680	87.1942
430	197.1802	690	66.5867
440	497.7241	700	50.7333
450	400.6892	710	38.2724
460	239.3190	720	28.9289
470	149.8871	730	21.8014
480	152.8754	740	16.2514
490	190.7893	750	12.2880
500	237.3440	760	9.2745
510	276.6476	770	7.0022
520	307.6518	780	5.2781
530	328.9929	790	4.1003
540	342.1757	800	3.1435
550	350.6022	810	2.4347
560	354.8991	820	1.9053
570	357.7312	830	1.4785
580	358.2762	840	1.1726
590	353.8494	850	0.8697
600	342.9864		





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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