BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

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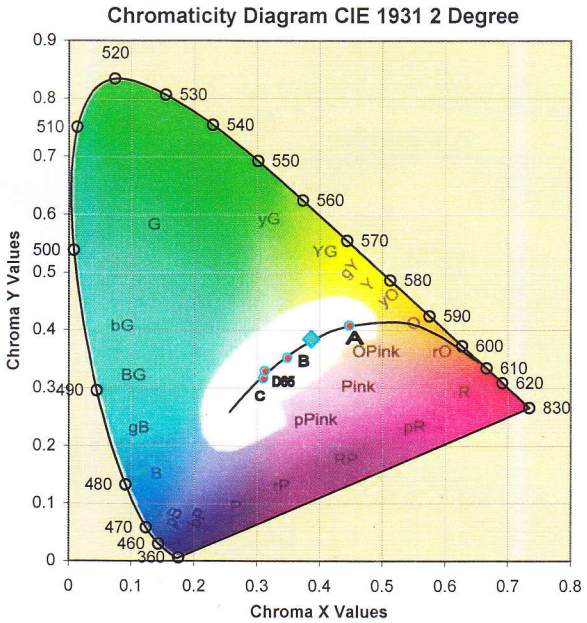
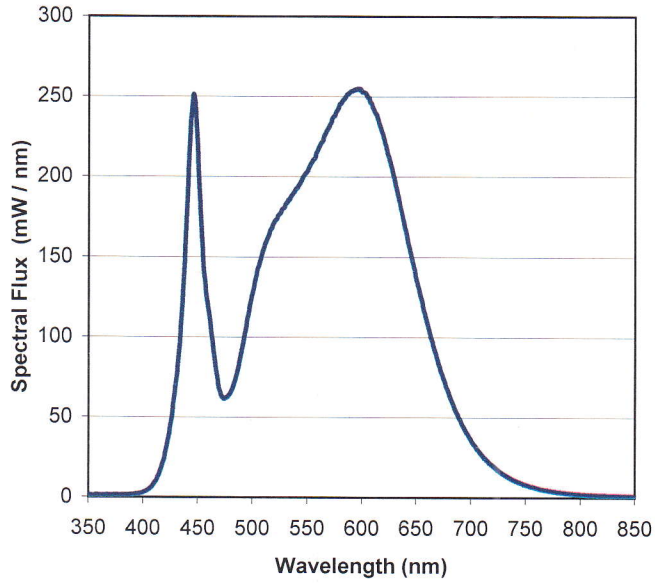
SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.

BALLABS CERTIFIED TEST REPORT NO.: 20796.0 A DATE 05/02/19
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
DESCRIPTION: 2-192 LED 22"ARRAYS EACH ON ALUM HEATSINK 24x14"HIGHBAY LUMINAIRE w/CLEAR ACRYLIC LENSES OVER LEDS & CENTER DRIVER HOUSING 2-ADVANCE #XI095C275V054BSF1 @ 1550mA
CATALOG NBR: GP2-L150/840-W-CL-DIM-UNV
LAMP TYPE : MADE #10560120

INPUT VOLTAGE (V)	119.93
INPUT CURRENT (A)	0.9814
INPUT WATTS (W)	116.9500
POWER FACTOR	0.9937
THDv (%)	0.215
THDi (%)	9.151
LUMINOUS EFFICACY-LPW	125.5
LUMINOUS FLUX- LUMENS	14679
CHROMA x	0.3868
CHROMA y	0.3840
CHROMA u	0.2264
CHROMA v	0.5057
DELTA uv (Duv)	0.0015
CORR COLOR TEMP (K)	3885
COLOR REND INDEX (RA)	82.86
COLOR REND INDEX (R9)	9.5

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	1.0536	610	242.5485
360	1.0249	620	223.1783
370	0.9512	630	197.0215
380	1.0831	640	167.2342
390	1.4845	650	136.6190
400	2.6075	660	109.1240
410	8.1459	670	84.3535
420	25.9911	680	64.7092
430	71.1155	690	48.4763
440	181.4259	700	35.9619
450	217.9782	710	26.4484
460	116.8739	720	19.6311
470	67.2622	730	14.2017
480	64.9823	740	10.4987
490	90.1244	750	7.6122
500	126.4273	760	5.5928
510	153.6965	770	4.1306
520	171.1728	780	3.0588
530	181.7204	790	2.2809
540	192.1257	800	1.6985
550	202.8634	810	1.3300
560	216.5881	820	0.9878
570	230.9338	830	0.7741
580	244.9031	840	0.5658
590	252.7972	850	0.4627
600	252.1729		





Data collected per LM79-08 using 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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