BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

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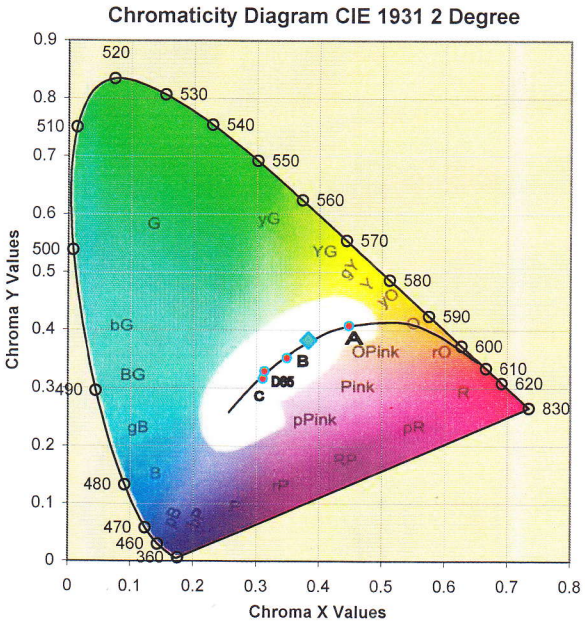
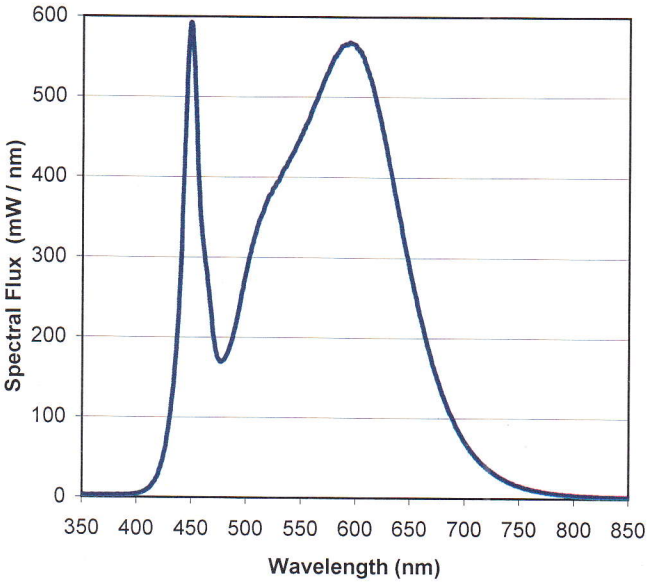
SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.

BALLABS CERTIFIED TEST REPORT NO.: 20799.0 A DATE 05/03/19
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
DESCRIPTION: 4-192 LED 22"ARRAYS EACH ON ALUM HEATSINK 24x19"HIGHBAY LUMINAIRE w/CLEAR ACRYLIC LENSES OVER LEDS & CENTER DRIVER HOUSING 4-ADVANCE #XI095C275V054BSF1 @ 1525mA
CATALOG NBR: GP4-L350/840-W-CL-DIM-UNV
LAMP TYPE : MADE #10560431

INPUT VOLTAGE (V)	120.12
INPUT CURRENT (A)	1.9540
INPUT WATTS (W)	233.2200
POWER FACTOR	0.9937
THDv (%)	0.306
THDi (%)	9.013
LUMINOUS EFFICACY-LPW	139.7
LUMINOUS FLUX- LUMENS	32579
CHROMA x	0.3828
CHROMA y	0.3824
CHROMA u	0.2244
CHROMA v	0.5044
DELTA uv (Duv)	0.0019
CORR COLOR TEMP (K)	3977
COLOR REND INDEX (RA)	82.41
COLOR REND INDEX (R9)	3.5

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	2.2347	610	532.9326
360	2.3112	620	482.3928
370	1.9906	630	417.8641
380	1.9965	640	349.7864
390	2.6162	650	281.5482
400	3.8231	660	221.8402
410	9.6259	670	169.3479
420	29.4535	680	128.1741
430	96.6774	690	95.5296
440	292.6612	700	70.1838
450	587.5883	710	51.5694
460	322.6013	720	37.9874
470	201.7388	730	27.6874
480	172.5160	740	20.0599
490	212.6010	750	14.7295
500	281.2843	760	11.1113
510	336.9236	770	8.0514
520	374.9584	780	5.9615
530	397.5259	790	4.5088
540	423.9618	800	3.3566
550	452.4579	810	2.6193
560	484.0488	820	2.0904
570	518.4440	830	1.5801
580	549.7472	840	1.2961
590	565.2676	850	1.0309
600	560.4470		





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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