BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

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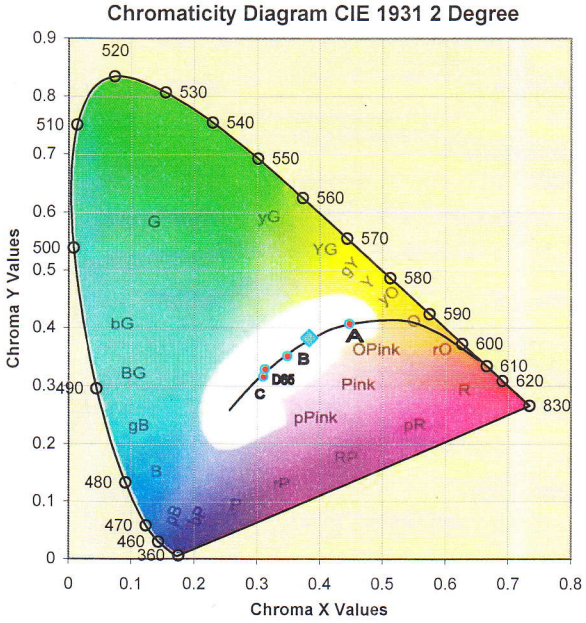
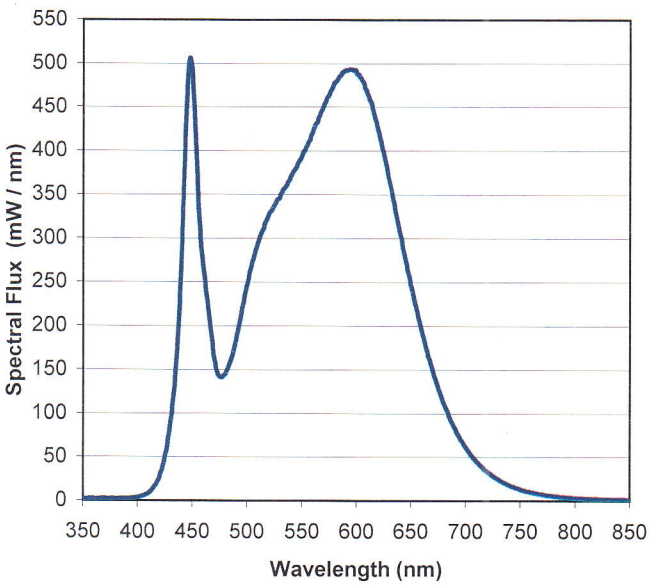
SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.

BALLABS CERTIFIED TEST REPORT NO.: 20798.0 A DATE 05/02/19
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 @ 1300mA
CATALOG NBR: GP4-L300/840-W-CL-DIM-UNV
LAMP TYPE : MADE #10560431

INPUT VOLTAGE (V)	119.94
INPUT CURRENT (A)	1.6703
INPUT WATTS (W)	198.4900
POWER FACTOR	0.9908
THDv (%)	0.312
THDi (%)	11.017
LUMINOUS EFFICACY-LPW	142.9
LUMINOUS FLUX- LUMENS	28361
CHROMA x	0.3834
CHROMA y	0.3830
CHROMA u	0.2246
CHROMA v	0.5048
DELTA uv (Duv)	0.0020
CORR COLOR TEMP (K)	3966
COLOR REND INDEX (RA)	82.32
COLOR REND INDEX (R9)	3.4

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	1.8158	610	464.2011
360	2.0080	620	420.5369
370	2.0443	630	365.1553
380	1.7181	640	304.9409
390	2.1272	650	245.7465
400	3.3544	660	193.1491
410	8.5139	670	147.6717
420	27.3057	680	111.2580
430	90.0749	690	82.8792
440	280.8841	700	60.9944
450	490.3899	710	44.2577
460	267.3069	720	32.6447
470	163.5832	730	24.0069
480	144.4520	740	17.2632
490	183.6619	750	12.5864
500	245.9642	760	9.3360
510	293.8106	770	6.9465
520	326.9680	780	5.1420
530	346.7531	790	3.8043
540	370.3614	800	2.9056
550	393.7571	810	2.2525
560	421.5102	820	1.6871
570	450.7254	830	1.3318
580	477.7441	840	1.0456
590	491.9354	850	0.8337
600	488.2458		





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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