BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

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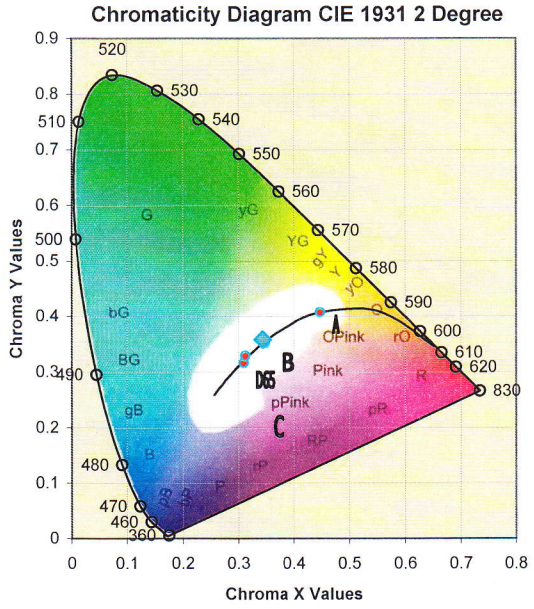
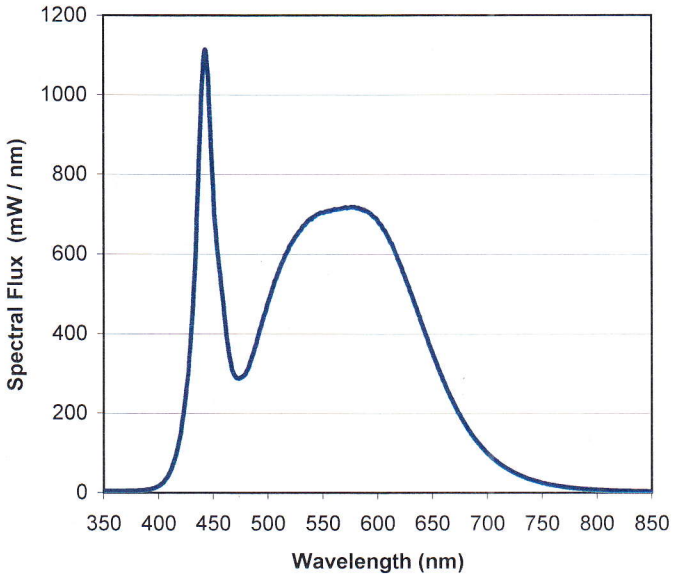
SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.

BALLABS CERTIFIED TEST REPORT NO.: 19519.0 A DATE 09/19/16
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
DESCRIPTION: 4-192 LED 22"ARRAYS EACH ON ALUM HEATSINK 24X19"HIGHBAY LUMINAIRE WITH SPEC NARROW DOWNLIGHT REFLS, CENTER DRIVER HOUSING 4ADVANCE #XI095C275V054DNF1 w/18K RESISTOR
CATALOG NBR: GP4-L460/850-N-6CPI/5-15P WHITE-DRV-120
LAMP TYPE : D5638D192C2560A8N50JRB

INPUT VOLTAGE (V)	120.0
INPUT CURRENT (A)	3.1608
INPUT WATTS (W)	375.200
POWER FACTOR	0.9893
THDv (%)	0.447
THDi (%)	10.088
LUMINOUS EFFICACY-LPW	124.2
LUMINOUS FLUX- LUMENS	46603
CHROMA x	0.3435
CHROMA y	0.3580
CHROMA u	0.2079
CHROMA v	0.3250
DELTA uv (Duv)	0.0038
CORR COLOR TEMP (K)	5079
COLOR REND INDEX (RA)	81.89
COLOR REND INDEX (R9)	8.3

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	2.7035	610	640.5065
360	3.2617	620	579.6808
370	3.5935	630	506.2850
380	4.1869	640	429.4048
390	6.6050	650	353.0861
400	15.1365	660	282.6625
410	48.0161	670	221.2103
420	143.3414	680	171.4784
430	389.2077	690	130.9275
440	1005.5420	700	98.9746
450	781.0345	710	74.8708
460	463.3705	720	56.4342
470	293.9100	730	42.4202
480	300.1963	740	31.4852
490	378.8289	750	23.6649
500	474.7005	760	17.7509
510	554.7987	770	13.4896
520	618.5080	780	10.1332
530	658.6614	790	7.7090
540	685.9459	800	5.9738
550	702.4292	810	4.6467
560	709.6713	820	3.5515
570	715.2844	830	2.8793
580	715.4577	840	2.3467
590	706.6082	850	1.7268
600	684.3113		





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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