BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

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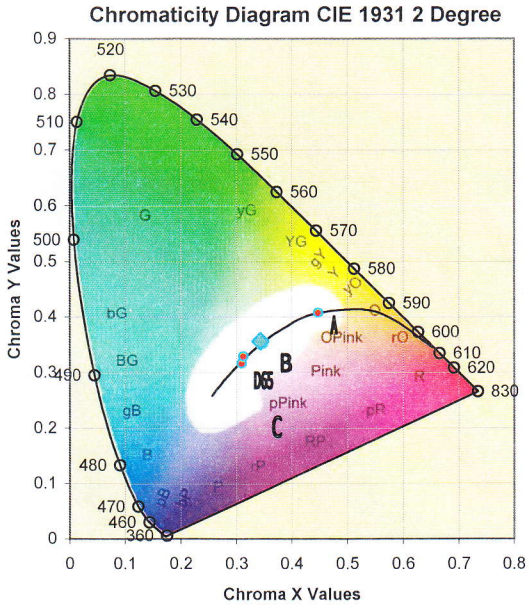
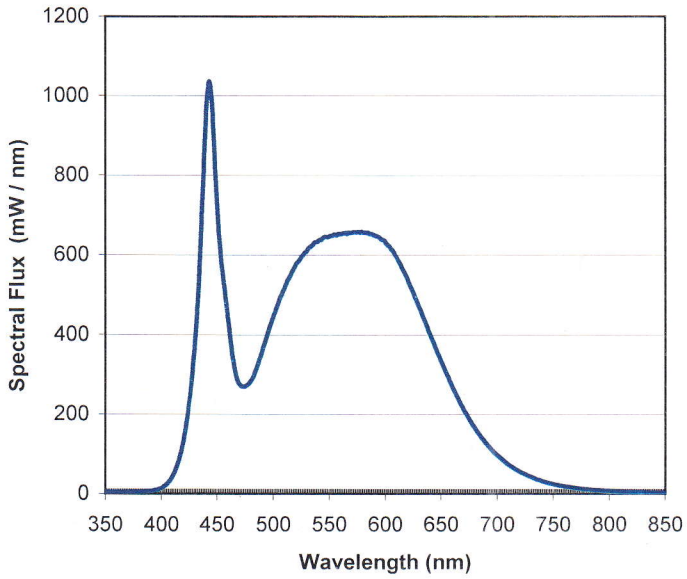
SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.

BALLABS CERTIFIED TEST REPORT NO.: 19517.0 A DATE 09/16/16
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 #XI095C275V054DNF1 WITH 18K RESISTORS
CATALOG NBR: GP4-L460/850-CL-6CPI/5-15P WHITE-DRV-120
LAMP TYPE : D5638D192C2560A8N50JRB

INPUT VOLTAGE (V)	120.0
INPUT CURRENT (A)	3.1703
INPUT WATTS (W)	376.270
POWER FACTOR	0.9893
THDv (%)	0.438
THDi (%)	10.104
LUMINOUS EFFICACY-LPW	114.3
LUMINOUS FLUX- LUMENS	42996
CHROMA x	0.3429
CHROMA y	0.3563
CHROMA u	0.2081
CHROMA v	0.3244
DELTA uv (Duv)	0.0032
CORR COLOR TEMP (K)	5098
COLOR REND INDEX (RA)	82.63
COLOR REND INDEX (R9)	12.4

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	3.1630	610	594.1836
360	3.3441	620	539.2798
370	3.5270	630	471.9353
380	4.1788	640	401.6098
390	5.8938	650	333.2701
400	13.2768	660	269.2631
410	43.4439	670	212.6590
420	133.4572	680	165.6920
430	364.1000	690	126.9063
440	928.8796	700	96.3665
450	734.7841	710	72.9160
460	436.5525	720	55.3155
470	275.7129	730	41.7175
480	281.5603	740	31.1654
490	353.1768	750	23.3811
500	441.7725	760	17.7942
510	514.0796	770	13.4457
520	572.9711	780	10.1942
530	608.5841	790	7.9104
540	632.0583	800	5.9917
550	644.6243	810	4.7458
560	652.1786	820	3.5909
570	654.0907	830	2.9920
580	655.6045	840	2.1944
590	649.2083	850	1.9368
600	631.7803		





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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