BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

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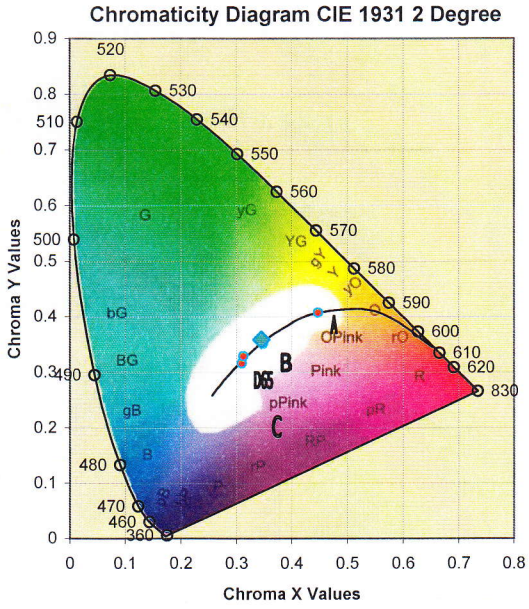
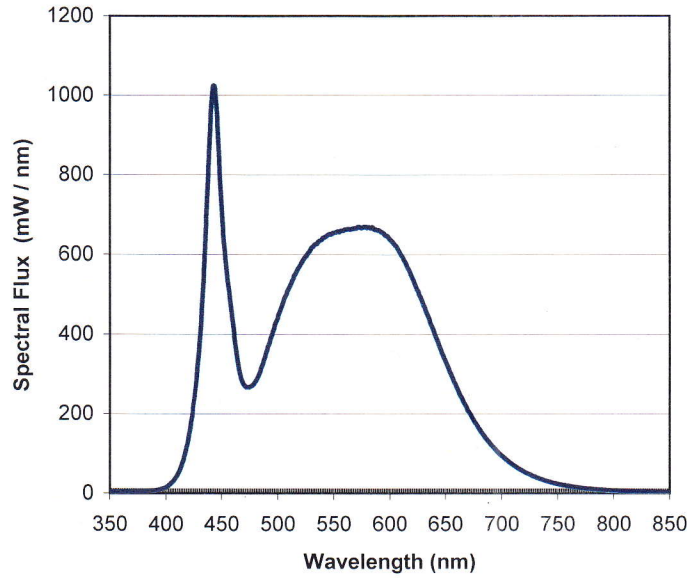
SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.

BALLABS CERTIFIED TEST REPORT NO.: 19518.0 A DATE 09/23/16
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
DESCRIPTION: 4-192 LED 22"ARRAYS EACH ON ALUM HEATSINK 24x19"HIGHBAY LUMINAIRE w/SPEC MEDIUM DOWNLIGHT REFL & CENTER DRIVER HOUSING 4 ADVANCE #XI095C275V054DNF1 - 18K RESISTORS
CATALOG NBR: GP4-L460/850-M-6CPI/5-15P WHITE-DRV-120
LAMP TYPE : D5638D192C2560A8N50JRB

INPUT VOLTAGE (V)	119.98
INPUT CURRENT (A)	3.1610
INPUT WATTS (W)	375.280
POWER FACTOR	0.9895
THDv (%)	0.418
THDi (%)	9.996
LUMINOUS EFFICACY-LPW	115.6
LUMINOUS FLUX- LUMENS	43368
CHROMA x	0.3447
CHROMA y	0.3586
CHROMA u	0.2085
CHROMA v	0.3253
DELTA uv (Duv)	0.0036
CORR COLOR TEMP (K)	5038
COLOR REND INDEX (RA)	81.99
COLOR REND INDEX (R9)	8.9

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	3.1098	610	599.1481
360	3.4756	620	543.7018
370	3.6673	630	475.5714
380	4.1997	640	403.9733
390	6.0500	650	331.5819
400	14.0391	660	266.3529
410	44.1085	670	208.4576
420	132.1658	680	162.2514
430	357.9817	690	123.8968
440	921.0481	700	94.1555
450	727.3881	710	70.9064
460	432.5013	720	53.7624
470	272.9497	730	40.1425
480	278.9894	740	30.0824
490	352.0349	750	22.5586
500	439.2463	760	17.0887
510	513.3482	770	12.9850
520	571.6770	780	9.6814
530	614.1776	790	7.4824
540	638.4128	800	5.7599
550	652.7178	810	4.5460
560	661.4737	820	3.5286
570	664.2898	830	2.7627
580	665.8544	840	2.2301
590	660.1450	850	1.6742
600	637.8487		





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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