BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

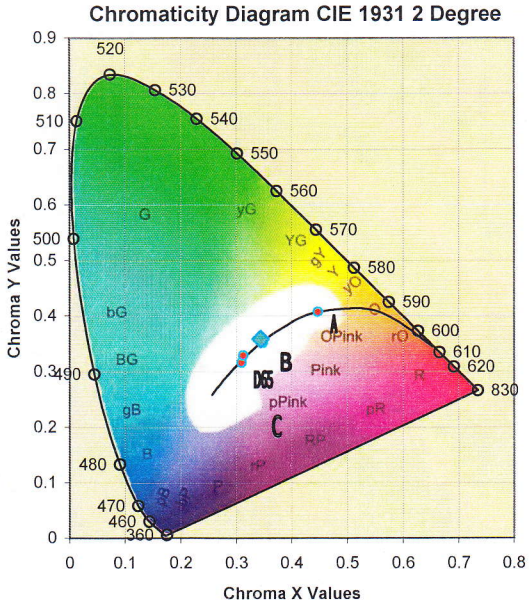
1618 HEADLAND DR.
FENTON, MO 63026
(636) 343-6006
(636) 343-6051 FAX

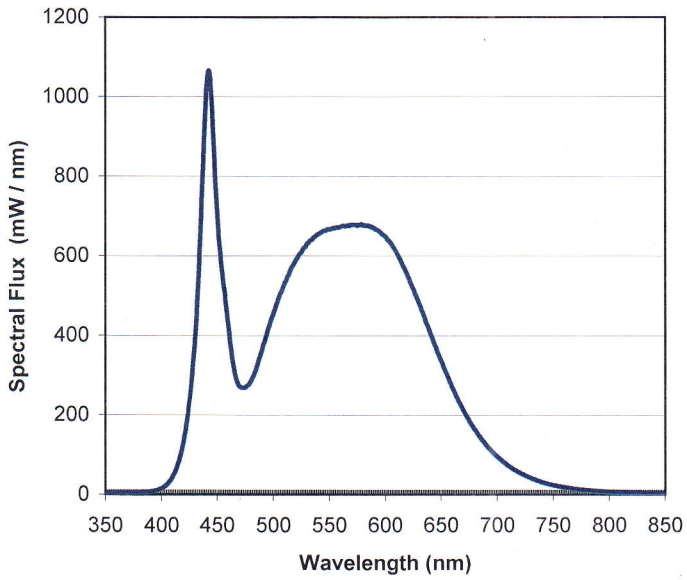
SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.

BALLABS CERTIFIED TEST REPORT NO.: 19522.0 A DATE 09/26/17
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
DESCRIPTION: 4-192 LED 22"ARRAYS EACH ON ALUM HEATSINK 24x19"HIGHBAY LUMINAIRE w/NO DIFFUSERS & WHITE UPLIGHT REFLS, CENTER DRIVER HOUSING 4ADVANCE #XI095C275V054DNF1-18K RESISTORS
CATALOG NBR: GP4-L440/850-W-U-6CPI/5-15P WHITE-DRV-120
LAMP TYPE : D5638D192C2560A8N50JRB

INPUT VOLTAGE (V)	120.0
INPUT CURRENT (A)	3.1649
INPUT WATTS (W)	375.660
POWER FACTOR	0.9893
THDv (%)	0.417
THDi (%)	10.105
LUMINOUS EFFICACY-LPW	117.6
LUMINOUS FLUX- LUMENS	44167
CHROMA x	0.3440
CHROMA y	0.3583
CHROMA u	0.2081
CHROMA v	0.3252
DELTA uv (Duv)	0.0038
CORR COLOR TEMP (K)	5064
COLOR REND INDEX (RA)	81.95
COLOR REND INDEX (R9)	9.1

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	2.8946	610	608.8742
360	3.0478	620	551.2837
370	3.5561	630	483.9881
380	4.2357	640	409.9971
390	6.0822	650	336.7795
400	14.3487	660	270.0228
410	43.2797	670	211.5159
420	131.5955	680	163.9423
430	371.5481	690	125.6121
440	980.4852	700	95.0327
450	724.7918	710	71.4853
460	429.1010	720	54.0257
470	272.4561	730	40.6838
480	282.4241	740	30.2994
490	359.5771	750	22.7620
500	451.7028	760	17.1778
510	527.6145	770	12.9997
520	585.5126	780	9.9188
530	628.5651	790	7.4348
540	652.3758	800	5.7895
550	665.2244	810	4.4811
560	671.6459	820	3.5210
570	675.9921	830	2.7709
580	675.3035	840	2.1385
590	668.6532	850	1.7121
600	647.8332		





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

THIS BALLABS REPORT WITH THE USE OF THE NVLAP LOGO SHALL NOT BE USED BY THIS CLIENT TO CLAIM PRODUCT CERTIFICATION, APPROVAL, OR ENDORSEMENT BY NVLAP, NIST, OR ANY AGENCY OF THE FEDERAL GOVERNMENT.