BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

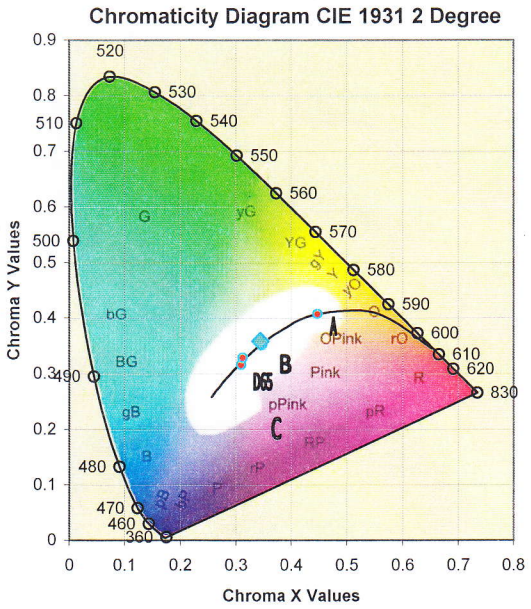
1618 HEADLAND DR.
FENTON, MO 63026
(636) 343-6006
(636) 343-6051 FAX

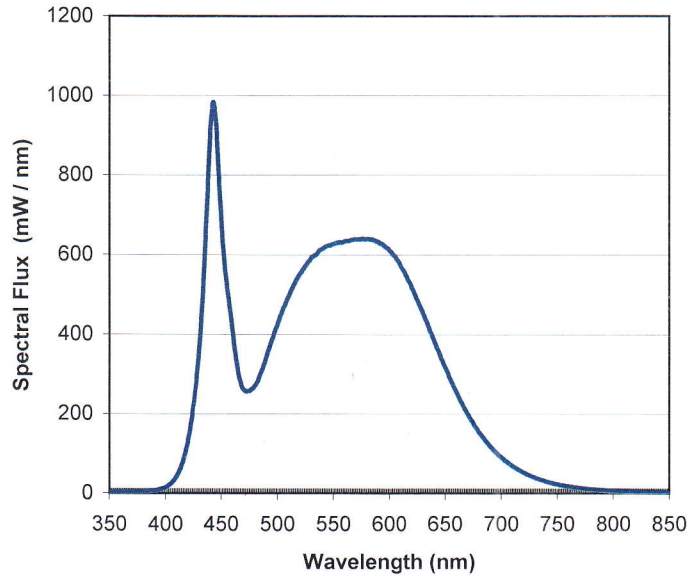
SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.

BALLABS CERTIFIED TEST REPORT NO.: 19556.0 A DATE 10/04/16
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
DESCRIPTION: 4-192 LED 22"ARRAYS EACH ON ALUM HEATSINK 24x19"HIGHBAY LUMINAIRE w/SPEC MED DL REFL & WHITE UPLIGHT REFLS, CENTER DRIVER HOUSING 4 ADVANCE #XI095C275V054DNF1 w/18K RESISTOR
CATALOG NBR: GP4-L460/850-M-UP-6CPI/5-15P WHITE-DRV-120
LAMP TYPE : D5638D192C2560A8N50JRB

INPUT VOLTAGE (V)	120.03
INPUT CURRENT (A)	3.1621
INPUT WATTS (W)	375.550
POWER FACTOR	0.9895
THDv (%)	0.431
THDi (%)	9.998
LUMINOUS EFFICACY-LPW	110.7
LUMINOUS FLUX- LUMENS	41558
CHROMA x	0.3444
CHROMA y	0.3586
CHROMA u	0.2083
CHROMA v	0.3253
DELTA uv (Duv)	0.0038
CORR COLOR TEMP (K)	5049
COLOR REND INDEX (RA)	81.98
COLOR REND INDEX (R9)	8.7

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	3.0049	610	573.7538
360	3.1801	620	519.2291
370	3.3982	630	455.0883
380	4.4391	640	385.4853
390	6.1886	650	317.2427
400	13.4360	660	254.8225
410	41.1925	670	200.0892
420	124.7719	680	154.7501
430	341.5800	690	118.1124
440	881.6235	700	89.9284
450	704.3738	710	67.7164
460	415.8549	720	51.2955
470	261.6474	730	38.5218
480	268.5771	740	28.7182
490	337.1362	750	21.5619
500	420.9981	760	16.3706
510	492.5828	770	12.2880
520	548.8033	780	9.2952
530	589.3940	790	7.0484
540	612.8722	800	5.4909
550	625.1461	810	4.2994
560	632.4748	820	3.3682
570	638.0665	830	2.6487
580	639.1230	840	2.1414
590	632.4418	850	1.6741
600	610.2048		





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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