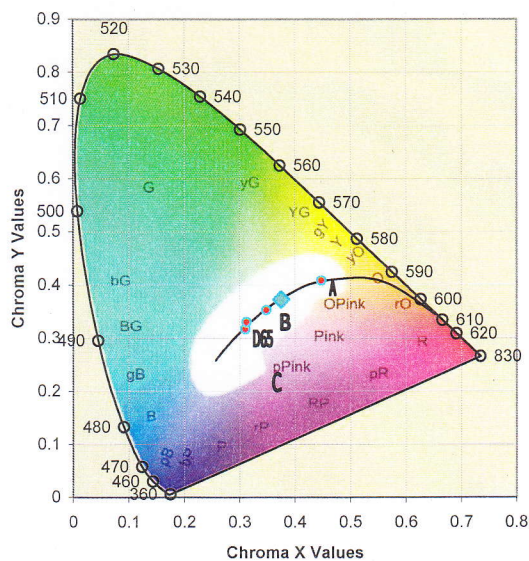


BALLABS CERTIFIED TEST REPORT NO.: 19020.0 A DATE 08/06/15
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
DESCRIPTION: 4-56LED 22"ARRAYS (2TOP,2BTM) 4'WALLMOUNT LUMINAIRE
WHITE REFLECTOR w/FLAT FROSTED ACRYLIC LENSES TOP & BTM
2 EVERLINE #D10CC55UNVTZ-C
CATALOG NBR: CB-4-L48/840U-L48/840D-DIMU/DIMD-UNV
LAMP TYPE : M10CC840D56N2A

INPUT VOLTAGE (V)	120.0
INPUT CURRENT (A)	0.8541
INPUT WATTS (W)	102.350
POWER FACTOR	0.9983
THDv (%)	0.1407%
THDi (%)	4.7949%
LUMINOUS EFFICACY-LPW	78.6
LUMINOUS FLUX- LUMENS	8043
CHROMA x	0.3755
CHROMA y	0.372
CHROMA u	0.2238
CHROMA v	0.3325
DELTA uv (Duv)	0.0013
CORR COLOR TEMP (K)	4099
COLOR REND INDEX (RA)	83.32
COLOR REND INDEX (R9)	12.7

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.6228	610	129.2142
360	0.8459	620	117.7593
370	0.7457	630	103.7849
380	0.7536	640	89.0754
390	0.9286	650	73.9296
400	1.5777	660	59.4017
410	4.5366	670	46.2940
420	15.8350	680	35.5212
430	49.1764	690	26.6910
440	118.5006	700	19.9035
450	136.1684	710	14.6134
460	65.9016	720	10.8881
470	40.3783	730	7.9745
480	41.8200	740	5.7958
490	57.0279	750	4.2914
500	74.2517	760	3.2341
510	85.4518	770	2.3704
520	92.3336	780	1.7723
530	98.6321	790	1.3336
540	105.5369	800	1.0140
550	112.9983	810	0.7826
560	120.6432	820	0.5981
570	127.1077	830	0.4415
580	133.2090	840	0.3673
590	136.8131	850	0.3096
600	136.0443		

Chromaticity Diagram CIE 1931 2 Degree



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 LAB CODE 200921-0

Kelly C. Lerbs
Vice President

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