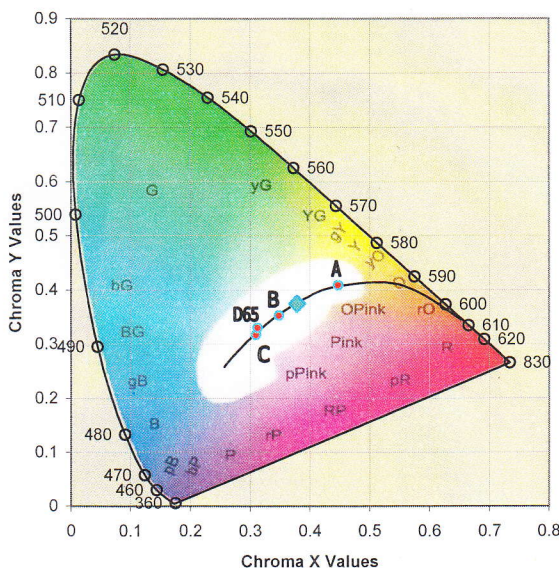


BALLABS CERTIFIED TEST REPORT NO.: 18321.0 A DATE 08/13/14
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
DESCRIPTION: 4-72 LED 22"ARRAYS 2x4' SUSPENDED LUMINAIRE
WHITE REFLECTOR w/WRAP AROUND SQUARE PATTERN 12 LENS
EVERLINE LED DRIVER #D23CC90UNVT-F
CATALOG NBR: 18-4-LED*UT90/840-S-A-ED*UT-UNV
LAMP TYPE : M700C840D72N2S RATED LUMENS NA. NBR. LAMPS:- 1

INPUT VOLTAGE (V)	120.0
INPUT CURRENT (A)	0.6801
INPUT WATTS (W)	81.388
POWER FACTOR	0.9974
THDv (%)	0.1514%
THDi (%)	5.7046%
LUMINOUS EFFICACY-LPW	111.7
LUMINOUS FLUX- LUMENS	9088
CHROMA x	0.3789
CHROMA y	0.3738
CHROMA u	0.2253
CHROMA v	0.3334
DELTA uv (Duv)	0.0016
CORR COLOR TEMP (K)	4018
COLOR REND INDEX (RA)	82.47
COLOR REND INDEX (R9)	20.4

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.8408	610	142.7131
360	1.0054	620	133.2205
370	0.9947	630	121.6613
380	0.9805	640	108.3543
390	0.9333	650	93.8973
400	1.3210	660	79.1743
410	2.9463	670	64.8643
420	8.8275	680	52.4304
430	30.1009	690	41.4079
440	83.9933	700	32.1267
450	182.1063	710	24.6919
460	109.4742	720	18.7115
470	61.1839	730	14.1406
480	39.1376	740	10.6752
490	45.0468	750	7.9860
500	65.1296	760	6.0090
510	85.9308	770	4.5040
520	102.0125	780	3.3903
530	113.6218	790	2.5425
540	122.7317	800	1.9065
550	131.9625	810	1.4732
560	140.3254	820	1.1367
570	146.8872	830	0.8625
580	150.7253	840	0.6598
590	151.7248	850	0.5142
600	148.7980		

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®

NVLAP LAB CODE 200921-0

[Signature]

Kelly C Lerbs
Vice President

