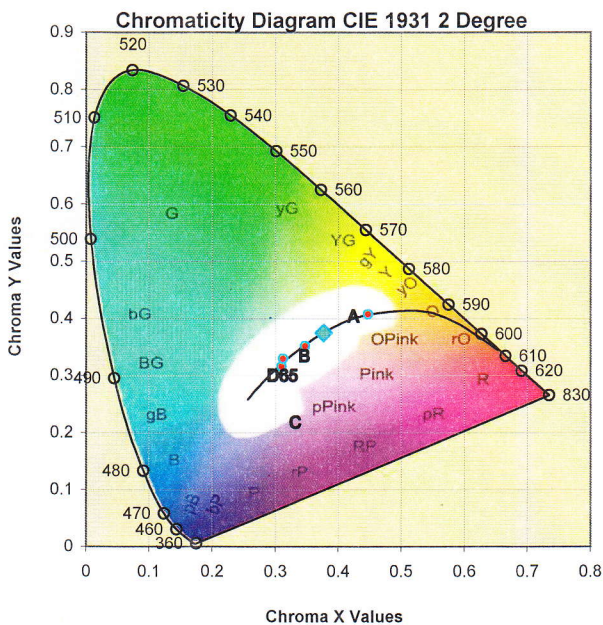




BALLABS CERTIFIED TEST REPORT NO.: 20128.0 A DATE 11/29/17  
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO  
DESCRIPTION: 2-56LED 22" & 1-28LED 11"ARRAYS 4'PERIMETER CONTINUOUS PX  
WHITE REFL w/1"EXTENSION & FROSTED ACRYLIC LENS  
ADVANCE #XI040C110V054BST1 @ 1000mA  
CATALOG NBR: PXF-42-03'09-L10/840-W-D-LCAP/RCAP-DIM-UNV  
LAMP TYPE : HLM2256\_5630 RevA #10560228 & HLM1128\_5630 RevA #10560268

INPUT VOLTAGE (V)	119.99
INPUT CURRENT (A)	0.3969
INPUT WATTS (W)	47.4510
POWER FACTOR	0.9965
THDv (%)	0.155
THDi (%)	5.173
LUMINOUS EFFICACY-LPW	88.4
LUMINOUS FLUX- LUMENS	4195
CHROMA x	0.3778
CHROMA y	0.3743
CHROMA u	0.2243
CHROMA v	0.5001
DELTA uv (Duv)	-0.0004
CORR COLOR TEMP (K)	4056
COLOR REND INDEX (RA)	84.26
COLOR REND INDEX (R9)	14.1

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.2778	610	68.2815
360	0.3951	620	63.0001
370	0.3762	630	55.6888
380	0.3657	640	46.9875
390	0.4594	650	38.2293
400	0.6470	660	29.9712
410	1.5267	670	22.2214
420	5.3232	680	16.8251
430	17.9876	690	13.0008
440	49.1155	700	9.8454
450	78.9930	710	7.2883
460	39.2973	720	5.3674
470	23.6919	730	3.9176
480	21.4031	740	2.8646
490	28.9637	750	2.0933
500	38.9139	760	1.5516
510	45.2519	770	1.1498
520	48.6974	780	0.8543
530	51.0846	790	0.6412
540	54.5057	800	0.4804
550	58.3858	810	0.3707
560	62.0150	820	0.2842
570	65.5921	830	0.2203
580	69.3155	840	0.1831
590	71.9446	850	0.1340
600	71.4579		

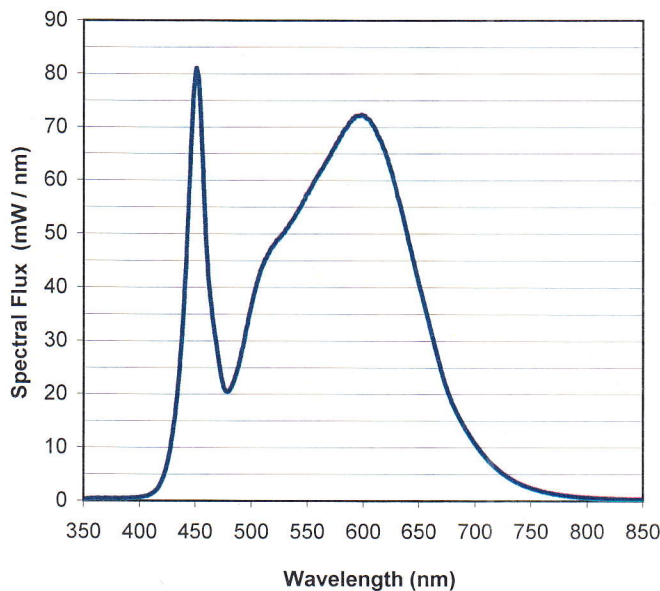


Data collected utilizing a Labsphere integrating sphere and 2100 spectroradiometer. Calibration of the spectroradiometer-sphere is traceable to the National Institute of Standards and Technology.



NVLAP LAB CODE 200921-0

*[Signature]*  
Kelly C. Lerbs  
Vice President



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