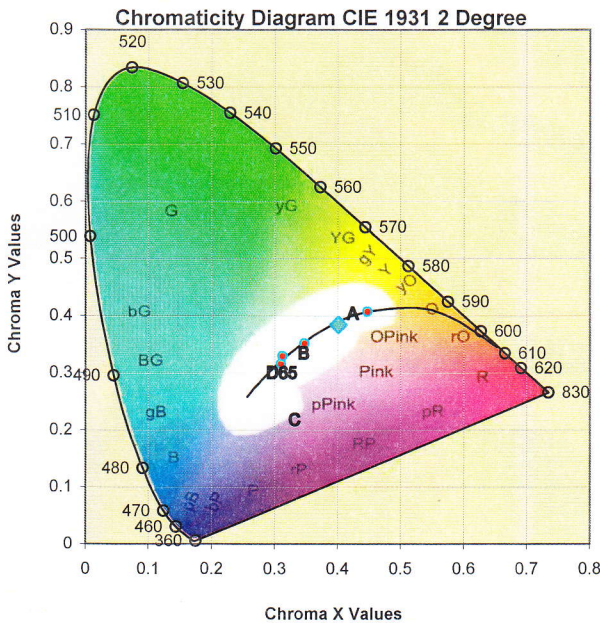


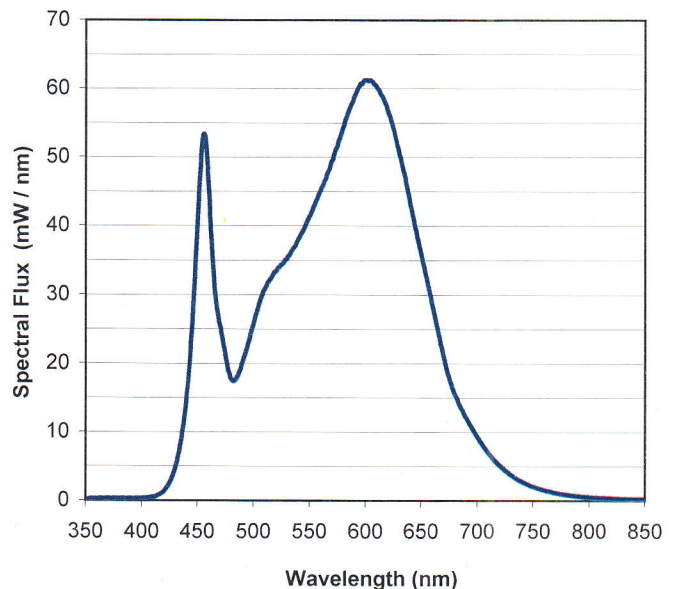
BALLABS CERTIFIED TEST REPORT NO.: 20130.0 A DATE 11/22/17  
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO  
DESCRIPTION: 2-56 LED 22"ARRAYS 4'RECESSED PERIMETER CONTINUOUS PX  
WHITE REFLECTOR w/FROSTED ACRYLIC LENS  
ADVANCE #XI054C150V054BST1 @ 800mA  
CATALOG NBR: PXF-44-03'08-L10/835-S-D-LCAP/RCAP-DIM-UNV  
LAMP TYPE : HLM2256\_5630 REV A #10560227

INPUT VOLTAGE (V)	120.02
INPUT CURRENT (A)	0.3102
INPUT WATTS (W)	37.0320
POWER FACTOR	0.9946
THDv (%)	0.146
THDi (%)	8.692
LUMINOUS EFFICACY-LPW	87.9
LUMINOUS FLUX- LUMENS	3254
CHROMA x	0.4015
CHROMA y	0.3841
CHROMA u	0.2360
CHROMA v	0.5079
DELTA uv (Duv)	-0.0021
CORR COLOR TEMP (K)	3530
COLOR REND INDEX (RA)	85.07
COLOR REND INDEX (R9)	15.7

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.1841	610	59.3305
360	0.2713	620	55.2548
370	0.2090	630	48.9171
380	0.2653	640	41.2999
390	0.2367	650	33.8169
400	0.3314	660	26.2707
410	0.5795	670	19.0603
420	1.8854	680	14.4303
430	6.5393	690	11.2676
440	19.3317	700	8.5591
450	48.7449	710	6.3480
460	37.1600	720	4.6241
470	23.1798	730	3.3836
480	17.3414	740	2.4608
490	21.4103	750	1.7895
500	27.2879	760	1.3228
510	31.7238	770	0.9876
520	33.8919	780	0.7140
530	35.8615	790	0.5370
540	38.7828	800	0.3972
550	42.3522	810	0.3030
560	46.2776	820	0.2384
570	50.8596	830	0.1781
580	55.6715	840	0.1432
590	59.8608	850	0.1025
600	61.0413		



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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