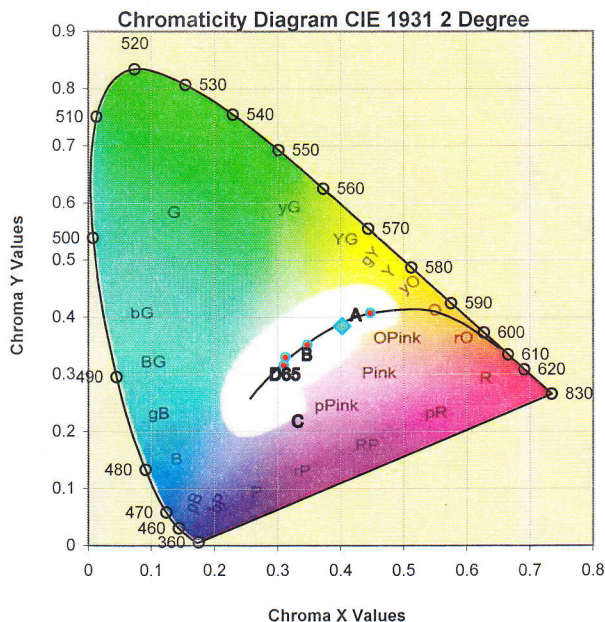


BALLABS CERTIFIED TEST REPORT NO.: 20129.0 A DATE 11/30/17  
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO  
DESCRIPTION: 4-56 LED 22"ARRAY 8'RECESSED PERIMETER CONTINUOUS PX  
WHITE REFLECTOR w/FROSTED ACRYLIC LENS  
2 ADVANCE DRIVERS #XI054C150V054BST1 @ 785mA  
CATALOG NBR: PXF-42-07'04-L10/835-W-D-LCAP/RCAP-DIM-UNV  
LAMP TYPE : HLM2256\_5630 RevA #10560227

INPUT VOLTAGE (V)	120.05
INPUT CURRENT (A)	0.6094
INPUT WATTS (W)	72.7600
POWER FACTOR	0.9946
THD <sub>v</sub> (%)	0.151
THD <sub>i</sub> (%)	8.695
LUMINOUS EFFICACY-LPW	103.1
LUMINOUS FLUX- LUMENS	7501
CHROMA x	0.4026
CHROMA y	0.3841
CHROMA u	0.2366
CHROMA v	0.5081
DELTA uv (Duv)	-0.0023
CORR COLOR TEMP (K)	3507
COLOR REND INDEX (RA)	84.95
COLOR REND INDEX (R9)	15.3

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.5472	610	137.5162
360	0.7091	620	127.8520
370	0.6101	630	112.9056
380	0.6487	640	95.8040
390	0.7459	650	78.1604
400	0.8289	660	61.2983
410	1.5583	670	45.3670
420	4.6652	680	34.1219
430	16.1787	690	26.2373
440	47.0058	700	19.8115
450	115.5320	710	14.5205
460	80.5152	720	10.6781
470	50.6759	730	7.7634
480	37.9741	740	5.6327
490	48.0829	750	4.0962
500	62.2606	760	3.0579
510	72.5240	770	2.2340
520	78.0130	780	1.6444
530	82.5065	790	1.2041
540	89.3595	800	0.9159
550	97.3496	810	0.6986
560	106.9152	820	0.5345
570	117.2543	830	0.4251
580	128.5109	840	0.3196
590	137.9685	850	0.2759
600	141.1784		

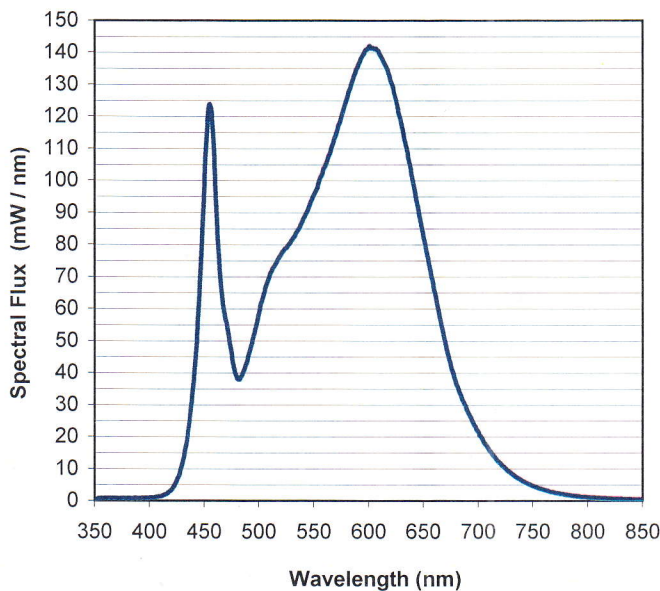


Data collected utilizing a Labsphere integrating sphere and 2100 spectroradiometer. Calibration of the spectroradiometer-sphere is traceable to the National Institute of Standards and Technology.



NVLAP LAB CODE 200921-0

*[Signature]*  
Kelly C. Lerbs  
Vice President



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