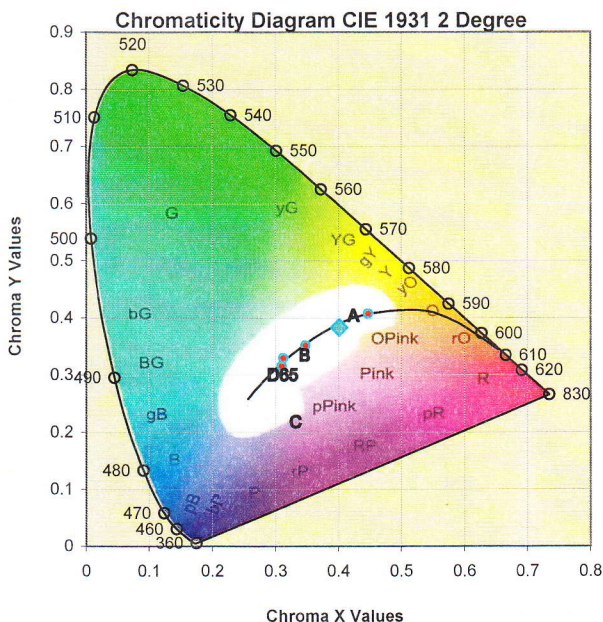


BALLABS CERTIFIED TEST REPORT NO.: 20134.0 A DATE 11/22/17
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
DESCRIPTION: 2-56 LED 22"ARRAYS 4'RECESSED PERIMETER CONTINUOUS PX
WHITE REFLECTOR w/FROSTED ACRYLIC LENS
ADVANCE #XI054C150V054BST1 @ 800mA
CATALOG NBR: PXF-66-03'08-L10/835-W-D-LCAP/RCAP-DIM-UNV
LAMP TYPE : HLM2256_5630 REV A #10560227

INPUT VOLTAGE (V)	120.00
INPUT CURRENT (A)	0.3100
INPUT WATTS (W)	36.9990
POWER FACTOR	0.9947
THDv (%)	0.151
THDi (%)	8.617
LUMINOUS EFFICACY-LPW	88.7
LUMINOUS FLUX- LUMENS	3284
CHROMA x	0.4020
CHROMA y	0.3833
CHROMA u	0.2366
CHROMA v	0.5076
DELTA uv (Duv)	-0.0026
CORR COLOR TEMP (K)	3512
COLOR REND INDEX (RA)	85.08
COLOR REND INDEX (R9)	15.9

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.2462	610	60.1629
360	0.2280	620	56.0021
370	0.2769	630	49.6085
380	0.2280	640	42.0003
390	0.2952	650	34.3386
400	0.3492	660	26.7932
410	0.6293	670	19.7095
420	2.0414	680	14.8708
430	7.1916	690	11.4781
440	21.5348	700	8.6215
450	51.9641	710	6.3286
460	34.5615	720	4.6184
470	21.8778	730	3.3636
480	16.4906	740	2.4367
490	21.0781	750	1.7676
500	27.4592	760	1.3084
510	31.8805	770	0.9498
520	34.2724	780	0.7124
530	36.1316	790	0.5350
540	38.9222	800	0.3948
550	42.6573	810	0.3097
560	46.7569	820	0.2346
570	51.2069	830	0.1713
580	56.2918	840	0.1307
590	60.2954	850	0.1162
600	61.6866		



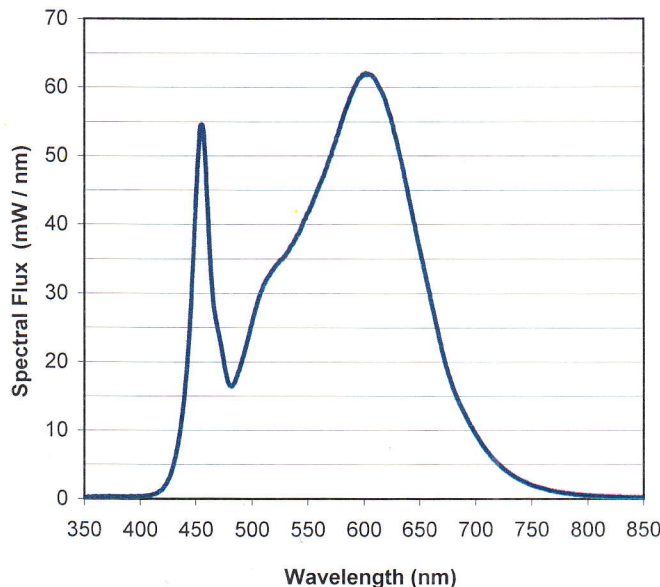
Data collected utilizing a Labsphere integrating sphere and 2100 spectroradiometer. Calibration of the spectroradiometer-sphere is traceable to the National Institute of Standards and Technology.



NVLAP LAB CODE 200921-0

[Signature]

Kelly C. Lerbs
Vice President



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