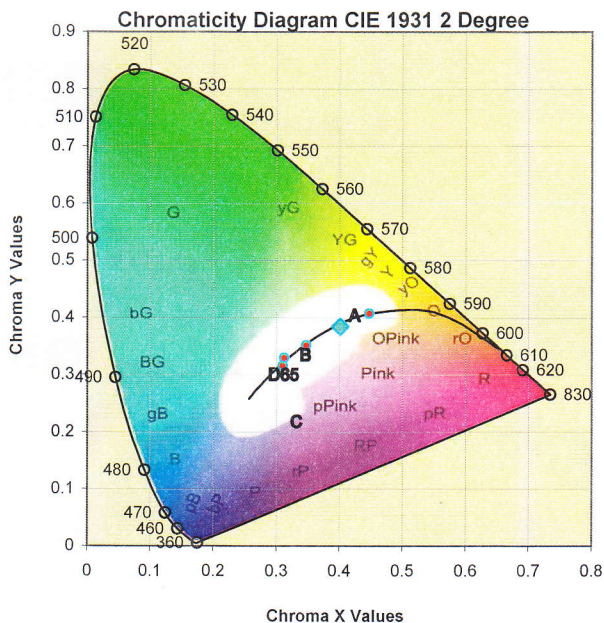


BALLABS CERTIFIED TEST REPORT NO.: 20132.0 A DATE 12/01/17
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
DESCRIPTION: 2-56 LED 22"ARRAYS 4'RECESSED PERIMETER CONTINUOUS PX
WHITE REFLECTOR w/FROSTED ACRYLIC LENS
ADVANCE #XI054C150V054BST1 @ 800mA
CATALOG NBR: PXF-62-03'08-L10/835-W-D-LCAP/RCAP-DIM-UNV
LAMP TYPE : HLM2256_5630 REV A #10560227

INPUT VOLTAGE (V)	120.01
INPUT CURRENT (A)	0.3122
INPUT WATTS (W)	37.2510
POWER FACTOR	0.9944
THDv (%)	0.161
THDi (%)	8.889
LUMINOUS EFFICACY-LPW	107.9
LUMINOUS FLUX- LUMENS	4018
CHROMA x	0.4020
CHROMA y	0.3842
CHROMA u	0.2363
CHROMA v	0.5080
DELTA uv (Duv)	-0.0022
CORR COLOR TEMP (K)	3520
COLOR REND INDEX (RA)	85.10
COLOR REND INDEX (R9)	15.8

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.3203	610	73.5357
360	0.3107	620	68.3551
370	0.2871	630	60.3764
380	0.3301	640	51.1268
390	0.3126	650	41.7024
400	0.4211	660	32.6771
410	0.7594	670	24.3459
420	2.3913	680	18.2932
430	8.2563	690	13.9917
440	24.4636	700	10.4701
450	61.7738	710	7.6606
460	43.9975	720	5.5840
470	27.7303	730	4.0543
480	20.6795	740	2.9576
490	26.0701	750	2.1306
500	33.6864	760	1.5831
510	39.1603	770	1.1469
520	41.9530	780	0.8664
530	44.2419	790	0.6350
540	47.9396	800	0.4896
550	52.3707	810	0.3693
560	57.1644	820	0.2852
570	62.7068	830	0.2142
580	68.7332	840	0.1674
590	73.7224	850	0.1203
600	75.3449		

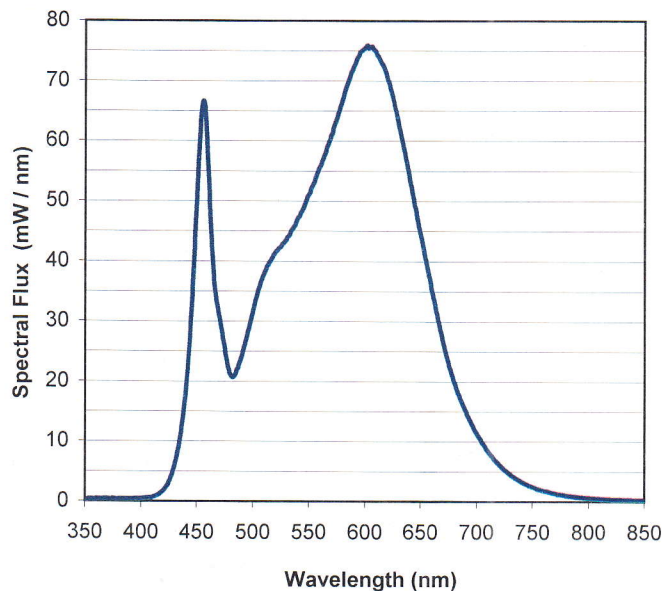


Data collected utilizing a Labsphere integrating sphere and 2100 spectroradiometer. Calibration of the spectroradiometer-sphere is traceable to the National Institute of Standards and Technology.



NVLAP LAB CODE 200921-0

[Signature]
Kelly C. Lerbs
Vice President



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