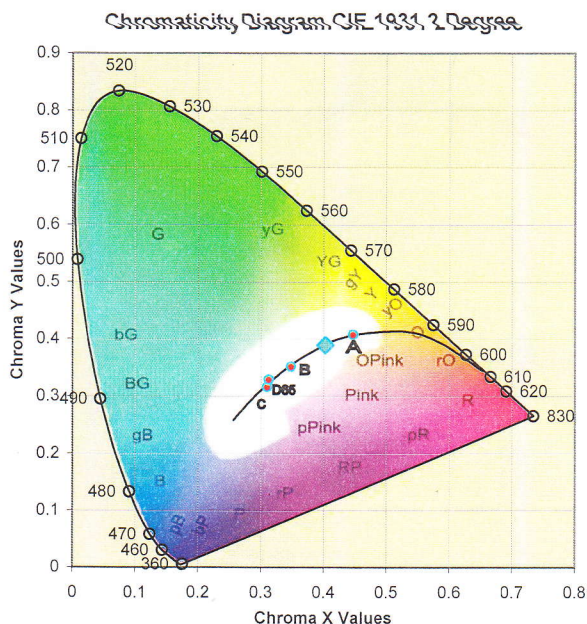


BALLABS CERTIFIED TEST REPORT NO.: 20932.0 A DATE 08/19/19
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
DESCRIPTION: 1-56LED 22"ARRAY 2X2'LT LED TROFFER LUMINAIRE
WHITE REFL & BLACK SIDE VENTS w/5.375"FROST CENTER LENS
ADVANCE #CI024C045V052CNN1 @ 460mA
CATALOG NBR: LT-AR22-L27/835-AF-DIM-UNV
LAMP TYPE : 10560222 HLM2256_5630 REV B

INPUT VOLTAGE (V)	120.07
INPUT CURRENT (A)	0.1805
INPUT WATTS (W)	21.2600
POWER FACTOR	0.9814
THDv (%)	0.148
THDi (%)	10.218
LUMINOUS EFFICACY-LPW	133.1
LUMINOUS FLUX- LUMENS	2830
CHROMA x	0.4031
CHROMA y	0.3896
CHROMA u	0.2347
CHROMA v	0.5105
DELTA uv (Duv)	0.0000
CORR COLOR TEMP (K)	3540
COLOR REND INDEX (RA)	83.21
COLOR REND INDEX (R9)	7.0

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.2792	610	50.8730
360	0.3178	620	46.5982
370	0.3336	630	40.8073
380	0.3402	640	34.4201
390	0.3338	650	27.9335
400	0.4796	660	22.0034
410	1.0395	670	16.8331
420	3.1420	680	12.7113
430	9.3833	690	9.4299
440	25.0500	700	6.9619
450	40.8125	710	5.0904
460	22.2596	720	3.7172
470	13.7486	730	2.6831
480	12.5448	740	1.9523
490	17.3369	750	1.4179
500	23.5982	760	1.0589
510	27.7230	770	0.7785
520	29.9834	780	0.5825
530	32.0286	790	0.4366
540	34.4628	800	0.3249
550	37.5195	810	0.2395
560	40.9491	820	0.1893
570	44.7249	830	0.1500
580	48.6585	840	0.1243
590	51.6447	850	0.0870
600	52.5159		

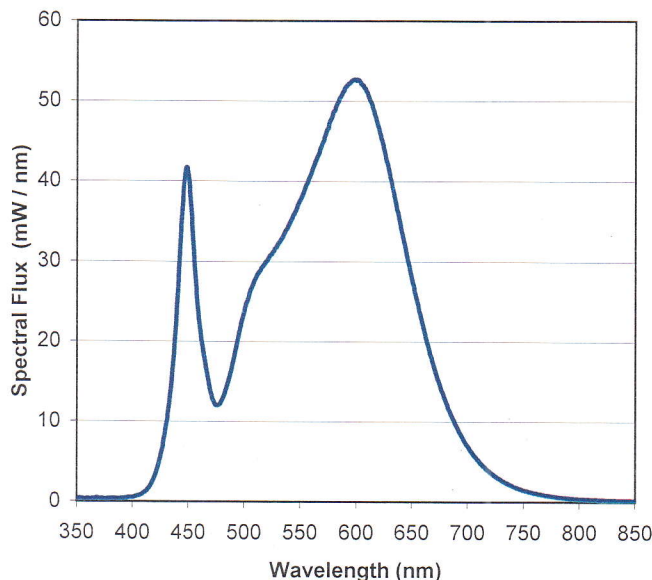


Data collected per LM79-08 using a Labsphere integrating sphere and 2100 spectroradiometer. Calibration of the spectroradiometer-sphere is traceable to the National Institute of Standards and Technology.



NVLAP LAB CODE 200921-0

[Signature]
Kelly C Lerbs
Vice President



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