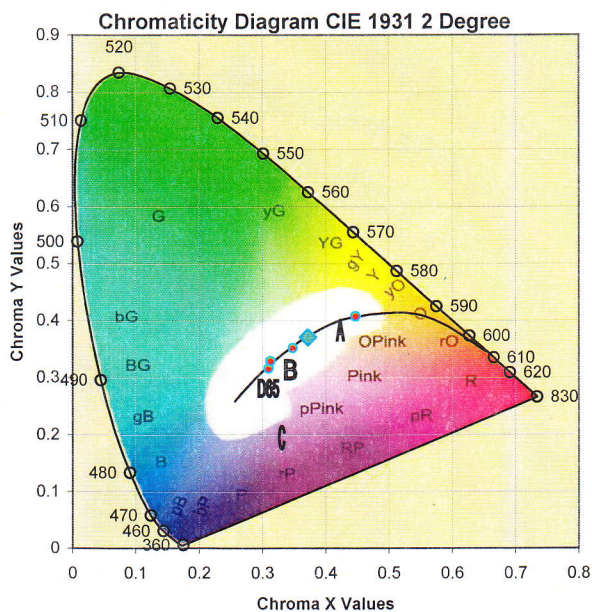


BALLABS CERTIFIED TEST REPORT NO.: 20261.0 A      DATE 02/15/18  
 PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO  
 DESCRIPTION: 2-56 LED 22"ARRAYS 1x4'RECESSED LUMINAIRE  
 WHITE ASYM REFL w/FROSTED PAT12 ACRYLIC LENS  
 ADVANCE #XI095C275V054BSS1 @ 1850mA  
 CATALOG NBR: MDSG-14-L100/840-SYM/ASY  
 LAMP TYPE : HLM 2256\_5630 REV A 10560223

INPUT VOLTAGE (V)	120.07
INPUT CURRENT (A)	0.7463
INPUT WATTS (W)	89.3600
POWER FACTOR	0.9971
THDv (%)	0.176
THDi (%)	5.794
LUMINOUS EFFICACY-LPW	110.2
LUMINOUS FLUX- LUMENS	9844
CHROMA x	0.3724
CHROMA y	0.3709
CHROMA u	0.2222
CHROMA v	0.4978
DELTA uv (Duv)	-0.0003
CORR COLOR TEMP (K)	4185
COLOR REND INDEX (RA)	83.48
COLOR REND INDEX (R9)	10.3


Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	1.0030	610	157.8570
360	1.1771	620	143.5536
370	1.2407	630	124.8641
380	1.3173	640	104.4147
390	1.4930	650	84.4323
400	2.3152	660	66.2093
410	5.0013	670	50.7458
420	15.6423	680	38.3739
430	48.1609	690	28.5206
440	123.3973	700	21.1935
450	188.3201	710	15.6049
460	98.5205	720	11.3928
470	58.1337	730	8.3073
480	49.4943	740	6.0763
490	66.9025	750	4.4335
500	90.6007	760	3.2922
510	106.8634	770	2.5126
520	115.9954	780	1.7998
530	122.6239	790	1.3504
540	129.8254	800	1.0419
550	137.8997	810	0.7847
560	146.1156	820	0.6133
570	154.7382	830	0.5089
580	162.6410	840	0.3942
590	166.8489	850	0.3175
600	165.6883		

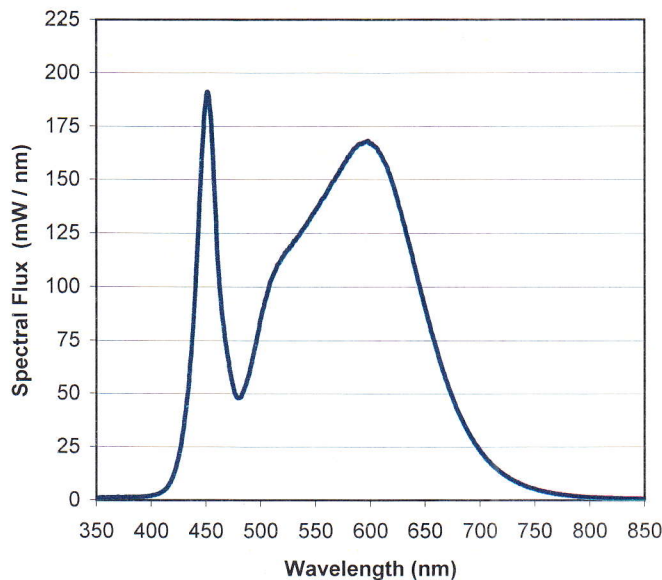


Data collected utilizing a Labsphere integrating sphere and 2100 spectroradiometer. Calibration of the spectroradiometer-sphere is traceable to the National Institute of Standards and Technology.



NVLAP LAB CODE 200921-0

  
 Kelly C. Lerbs  
 Vice President



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