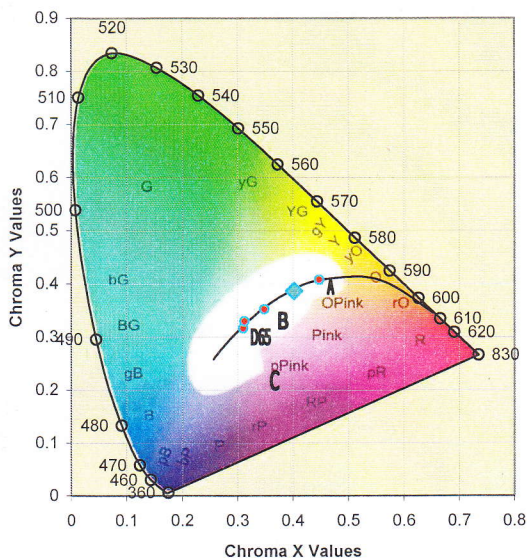


BALLABS CERTIFIED TEST REPORT NO.: 19020.0 A DATE 08/06/15
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
DESCRIPTION: 4-56LED 22"ARRAYS (2TOP,2BTM) 4'WALLMOUNT LUMINAIRE
WHITE REFLECTOR w/FLAT FROSTED ACRYLIC LENSES TOP & BTM
2 EVERLINE #D10CC55UNVTZ-C
CATALOG NBR: CB-4-L40/840U-L40/840D-DIMU/DIMD-UNV
LAMP TYPE : M10CC840D56N2A

INPUT VOLTAGE (V)	120.0
INPUT CURRENT (A)	0.2916
INPUT WATTS (W)	34.888
POWER FACTOR	0.9970
THDv (%)	0.1573%
THDi (%)	6.3787%
LUMINOUS EFFICACY-LPW	118.9
LUMINOUS FLUX- LUMENS	4148
CHROMA x	0.4025
CHROMA y	0.3865
CHROMA u	0.2356
CHROMA v	0.3394
DELTA uv (Duv)	0.0014
CORR COLOR TEMP (K)	3526
COLOR REND INDEX (RA)	84.22
COLOR REND INDEX (R9)	13.4

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.4395	610	74.7597
360	0.4449	620	69.4521
370	0.4098	630	61.6104
380	0.4596	640	52.2640
390	0.4565	650	42.8434
400	0.6161	660	34.0824
410	1.1825	670	26.3427
420	3.2016	680	20.1130
430	9.9842	690	14.9669
440	28.1837	700	11.0763
450	61.7787	710	8.1252
460	40.3015	720	5.9327
470	27.4976	730	4.3299
480	22.7295	740	3.1744
490	27.8360	750	2.3027
500	34.4047	760	1.6991
510	39.1625	770	1.2600
520	42.3245	780	0.9196
530	45.8105	790	0.6757
540	49.8628	800	0.5201
550	54.7208	810	0.3928
560	60.1571	820	0.3010
570	65.9066	830	0.2375
580	71.5737	840	0.1757
590	75.4490	850	0.1477
600	76.8673		

Chromaticity Diagram CIE 1931 2 Degree



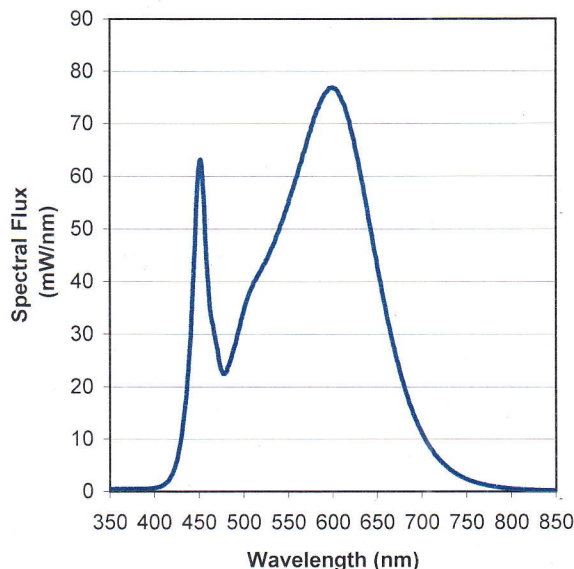
Data collected utilizing a Labsphere integrating sphere and 2100 spectroradiometer. Calibration of the spectroradiometer-sphere is traceable to the National Institute of Standards and Technology.



[Signature]

Kelly C. Lerbs
Vice President

NVLAP LAB CODE 200921-0



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