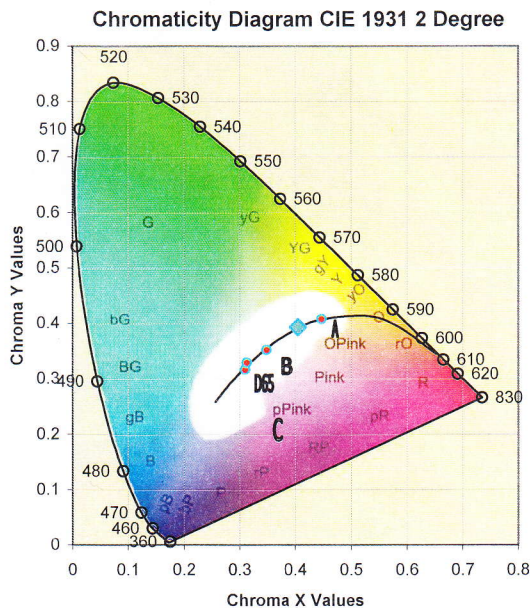


BALLABS CERTIFIED TEST REPORT NO.: 19454.0 A DATE 08/22/16  
PREPARED FOR: IMPACT ARCHITECTURAL LIGHTING - SAINT LOUIS, MO  
DESCRIPTION: 12-24LED ARRAY 48"DIA MOD PEND LUMINAIRE w/WHITE REFL & 1/8  
CLR ACRYLIC TOP LENS/WHITE CTR RND REFL & FROST ACRYLIC BTM  
LENS w/.125"WHITE ACRYLIC BTM DOME 2ROAL STRATO #RSLD035-06  
CATALOG NBR: P1848-35LO-XX  
LAMP TYPE : M350C835D24N12STC

INPUT VOLTAGE (V)	120.0
INPUT CURRENT (A)	0.4740
INPUT WATTS (W)	53.325
POWER FACTOR	0.9378
THD <sub>v</sub> (%)	0.181
THD <sub>i</sub> (%)	26.892
LUMINOUS EFFICACY-LPW	115.2
LUMINOUS FLUX- LUMENS	6146
CHROMA <sub>x</sub>	0.4053
CHROMA <sub>y</sub>	0.3930
CHROMA <sub>u</sub>	0.2347
CHROMA <sub>v</sub>	0.3415
DELTA <sub>uv</sub> (Duv)	0.0010
CORR COLOR TEMP (K)	3520
COLOR REND INDEX (RA)	84.10
COLOR REND INDEX (R9)	19.7

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.4720	610	106.9206
360	0.5807	620	101.5228
370	0.5408	630	92.7035
380	0.5686	640	81.3909
390	0.6023	650	69.3945
400	0.7812	660	57.0613
410	1.5193	670	45.7857
420	4.6215	680	36.0336
430	16.1262	690	27.8398
440	47.2929	700	21.1996
450	91.1390	710	15.9172
460	46.4459	720	11.9340
470	31.8609	730	8.7845
480	29.2066	740	6.4988
490	37.8699	750	4.7919
500	49.3336	760	3.5431
510	57.3094	770	2.6166
520	63.3084	780	1.9503
530	69.3576	790	1.4346
540	76.8412	800	1.0775
550	84.6972	810	0.8092
560	91.9770	820	0.6032
570	98.5844	830	0.4678
580	103.7753	840	0.3592
590	107.5772	850	0.2658
600	109.0184		

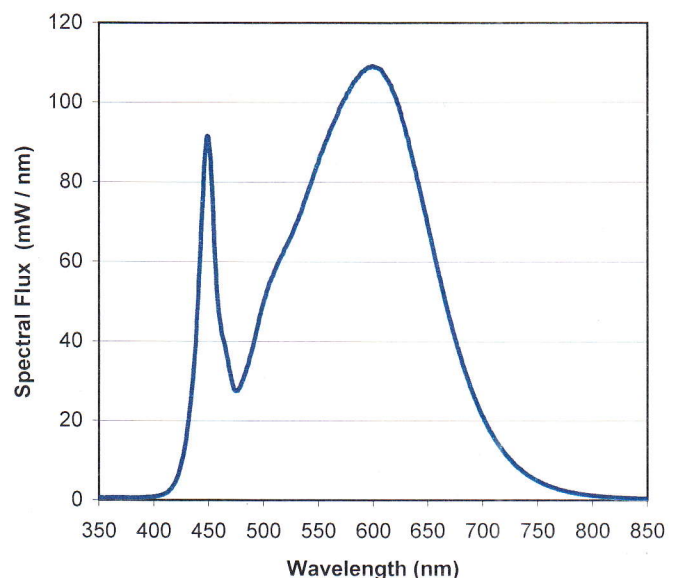


Data collected utilizing a Labsphere integrating sphere and 2100 spectroradiometer. Calibration of the spectroradiometer-sphere is traceable to the National Institute of Standards and Technology.



NVLAP LAB CODE 200921-0

Kelly C. Lerbs  
Vice President



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SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.