



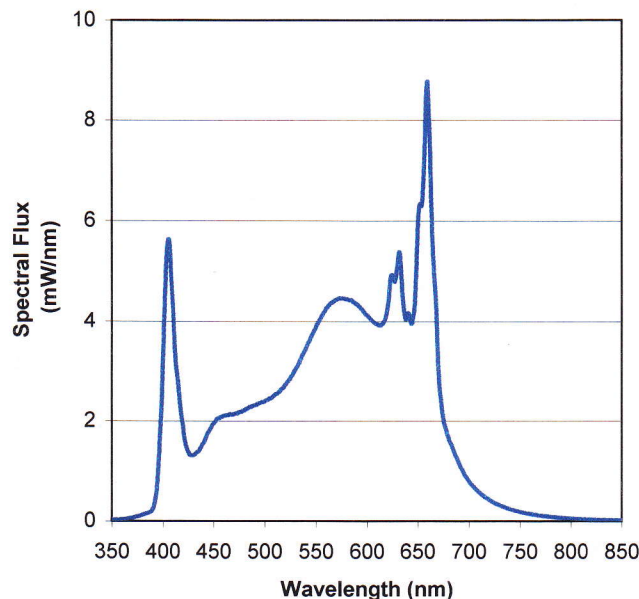
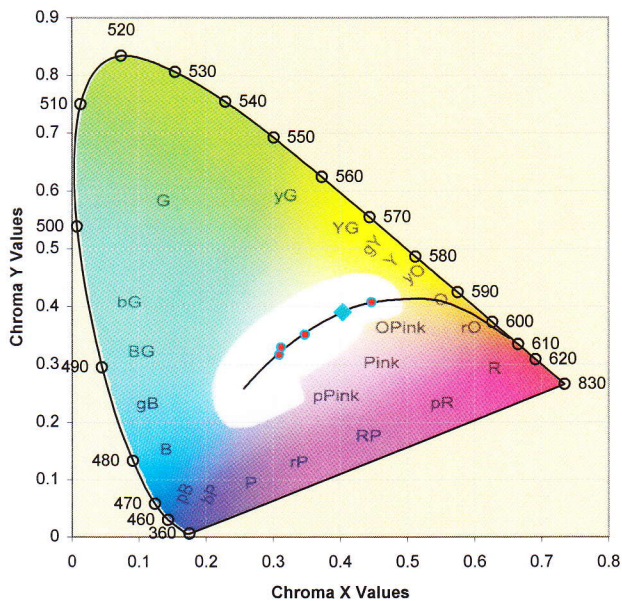
BALLABS CERTIFIED TEST REPORT NO.: 16120.0 A DATE 05/13/11
 PREPARED FOR: G-LIGHTING/GROSS CHANDELIER - ST. LOUIS, MISSOURI
 DESCRIPTION: DUAL GE VIO LED 6" TALL 3.625" DIA CYLINDER WALL SCONCE
 50 DEGREE SPECULAR REFLECTORS TOP / BOTTOM w/CLEAR LENSES
 THOMAS RESEARCH #LED25W-72-C0350 WATTS=15.36
 CATALOG NBR: GL-6541-R5-R5
 LAMP TYPE : VIO/7_2W/835

RATED LUMENS NA. NBR. LAMPS:- 2

Lamp Voltage V	Lamp Current A	Lamp Watts W
120.0	0.1332	15.4
Luminous Flux (Lumens)	Luminous Efficacy LPW	Power Factor
273	17.8	0.96
Chroma x	Chroma y	Color Rend Index
0.4047	0.3903	92.7
Chroma u	Chroma v	Corr Color Temp (K)
0.2355	0.3407	3507.8

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.0272	610	3.9574
360	0.0322	620	4.1717
370	0.0656	630	5.0249
380	0.1247	640	4.0980
390	0.2178	650	5.5615
400	2.8603	660	8.7705
410	4.3996	670	3.4255
420	1.9555	680	1.6986
430	1.3210	690	1.1934
440	1.5437	700	0.8225
450	1.9383	710	0.5923
460	2.1018	720	0.4388
470	2.1283	730	0.3310
480	2.2132	740	0.2495
490	2.3080	750	0.1916
500	2.3926	760	0.1481
510	2.5141	770	0.1147
520	2.7142	780	0.0888
530	3.0259	790	0.0696
540	3.4311	800	0.0547
550	3.8625	810	0.0424
560	4.2527	820	0.0340
570	4.4362	830	0.0280
580	4.4483	840	0.0228
590	4.3559	850	0.0190
600	4.1368		

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.



Kelly Lerbs

NVLAP LAB CODE 200921-0

Kelly Lerbs
 Vice President

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