

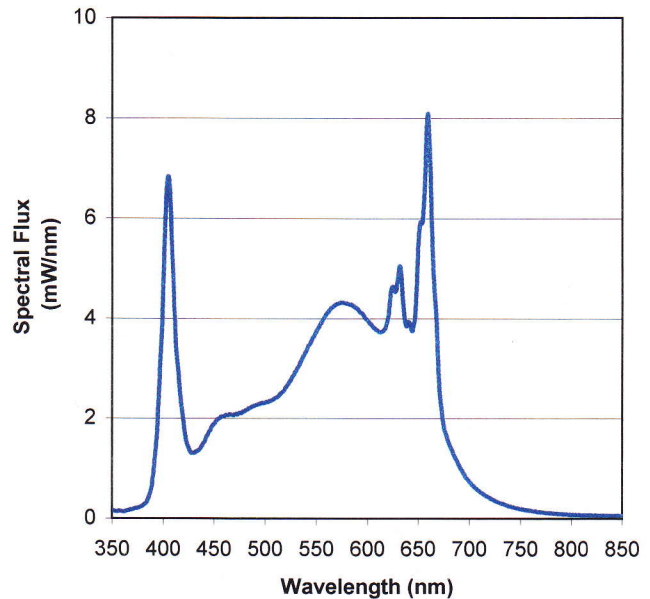
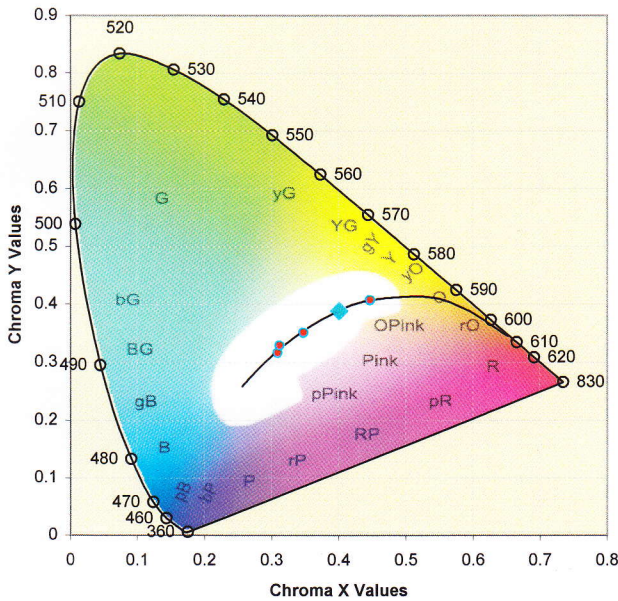
BALLABS CERTIFIED TEST REPORT NO.: 16117.0 A DATE 05/13/11
 PREPARED FOR: G-LIGHTING/GROSS CHANDELIER - ST. LOUIS, MISSOURI
 DESCRIPTION: DUAL GE VIO LED 9.125" TALL 3.625" DIA CYLINDER WALL SCONCE
 20DEG FACETED SPEC REFLECTORS TOP / BOTTOM w/FRESNEL LENS
 THOMAS RESEARCH #LED25W-72-C0350 WATTS=15.33
 CATALOG NBR: GL-6540-R2
 LAMP TYPE : VIO/7_2W/835

RATED LUMENS NA. NBR. LAMPS:- 2

Lamp Voltage V	Lamp Current A	Lamp Watts W
120.0	0.1327	15.3
Luminous Flux (Lumens)	Luminous Efficacy LPW	Power Factor
263	17.2	0.96
Chroma x	Chroma y	Color Rend Index
0.4018	0.3884	92
Chroma u	Chroma v	Corr Color Temp (K)
0.2344	0.3398	3555.5

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.1578	610	3.7845
360	0.1459	620	3.9318
370	0.1852	630	4.7129
380	0.2539	640	3.8862
390	0.7427	650	5.1331
400	4.3438	660	8.0942
410	5.0005	670	3.1865
420	2.0408	680	1.5375
430	1.3117	690	1.0871
440	1.4986	700	0.7601
450	1.8784	710	0.5657
460	2.0471	720	0.4283
470	2.0592	730	0.3261
480	2.1409	740	0.2519
490	2.2472	750	0.2012
500	2.3176	760	0.1622
510	2.4031	770	0.1344
520	2.6049	780	0.1115
530	2.9384	790	0.0936
540	3.3263	800	0.0843
550	3.7180	810	0.0735
560	4.0955	820	0.0731
570	4.2974	830	0.0658
580	4.3089	840	0.0586
590	4.2190	850	0.0568
600	3.9900		

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.