



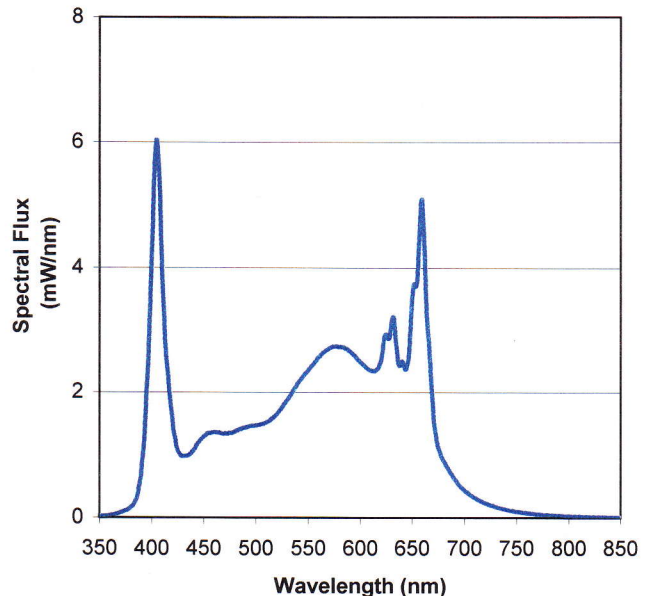
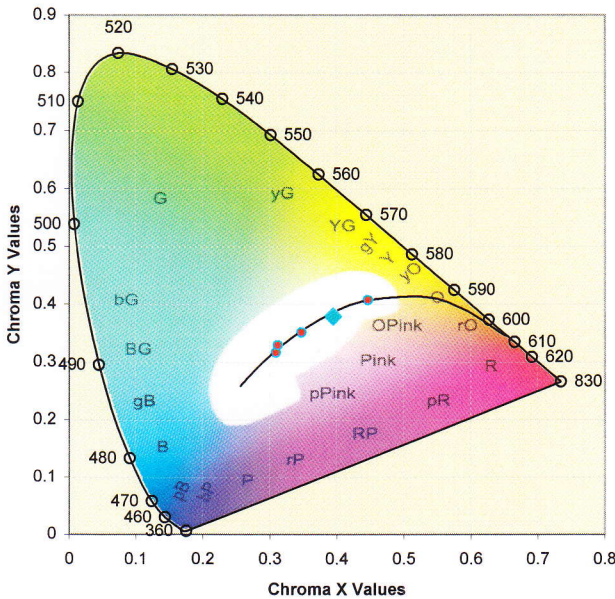
BALLABS CERTIFIED TEST REPORT NO.: 16123.0 A DATE 05/10/11
 PREPARED FOR: G-LIGHTING/GROSS CHANDELIER - ST. LOUIS, MISSOURI
 DESCRIPTION: GE VIO LED 7.5" TALL 3.625" DIA CYLINDER WALL SCONCE
 CLOSED CAP UP & 20 DEG FACETED SPEC REFL-FRESNEL LENS DOWN
 THOMAS RESEARCH #LED12W-36-C0350 WATTS=8.45
 CATALOG NBR: GL-6543-CC-R2
 LAMP TYPE : VIO/7_2W/835

RATED LUMENS NA. NBR. LAMPS: - 1

Lamp Voltage V	Lamp Current A	Lamp Watts W
120.0	0.0847	8.5
Luminous Flux (Lumens)	Luminous Efficacy LPW	Power Factor
166	19.7	0.83
Chroma x	Chroma y	Color Rend Index
0.3957	0.3792	92.3
Chroma u	Chroma v	Corr Color Temp (K)
0.2342	0.3366	3622.8

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.0254	610	2.3678
360	0.0382	620	2.4902
370	0.0821	630	3.0153
380	0.1599	640	2.4695
390	0.6170	650	3.3437
400	3.8589	660	5.0879
410	4.2625	670	1.9004
420	1.6597	680	0.9386
430	0.9917	690	0.6630
440	1.0611	700	0.4602
450	1.2821	710	0.3373
460	1.3661	720	0.2504
470	1.3410	730	0.1882
480	1.3763	740	0.1412
490	1.4348	750	0.1078
500	1.4726	760	0.0830
510	1.5165	770	0.0641
520	1.6445	780	0.0507
530	1.8642	790	0.0400
540	2.1230	800	0.0317
550	2.3389	810	0.0249
560	2.5630	820	0.0198
570	2.7069	830	0.0154
580	2.7347	840	0.0127
590	2.6785	850	0.0105
600	2.5104		

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.



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.