



LUMINAIRE TESTING LABORATORY, INC.

SUSTAINING
MEMBER
of the
IESNA

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LTL Number: 13690

Date: 07-25-2008

Prepared For: Diogen Lighting

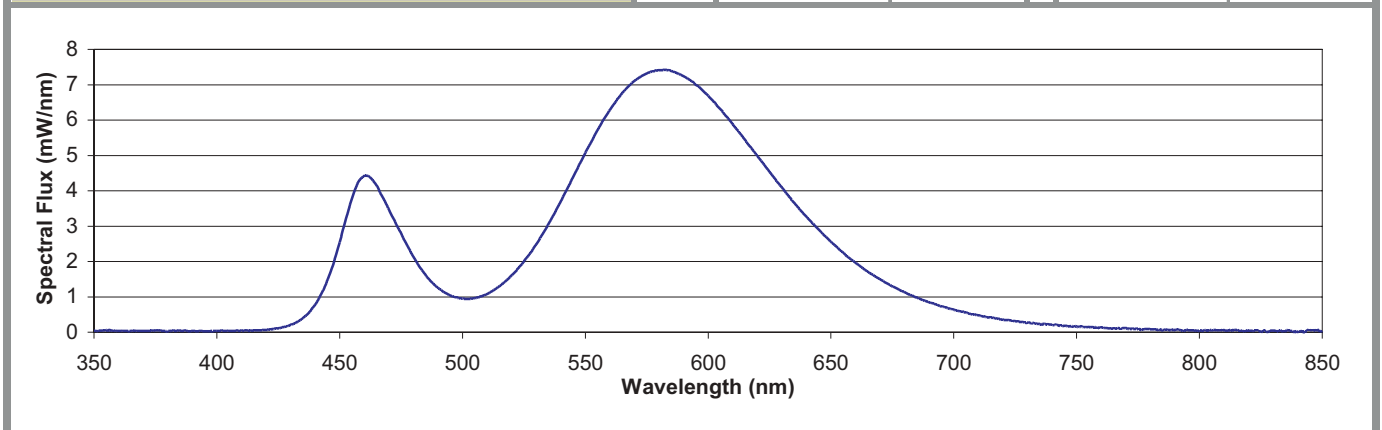
Catalog Number: MA26300-93 WARM WHITE-LED REPLACEMENT LAMP

Lamp: LED Replacement lamp with 87 White LEDs

LED Power Supply: Integral

Lamp Efficacy: 56.9 Lumens/Watt

Lamp Arc Voltage	Lamp Current	Lamp Watts	Frequency	Wavelength in nm	Spectral Flux in mW/nm	Wavelength in nm	Spectral Flux in mW/nm
120.0VAC	0.08674A	6.012W	60Hz	350	0.0495	610	5.8852
Radiant Flux mW	Luminous Flux lumen	Corr.Color Temperature K	Color Rend. Index Ra	360	0.0363	620	4.9900
936.3987	342.281	3156	60.4	370	0.0340	630	4.0927
Chroma x	Chroma y	Chroma u	Chroma v	380	0.0295	640	3.2698
0.4271	0.4023	0.245	0.3461	390	0.0334	650	2.5589
<p>Chromaticity Diagram CIE 1931, 2 degree</p>				400	0.0360	660	1.9625
				410	0.0409	670	1.4958
				420	0.0659	680	1.1302
				430	0.2079	690	0.8450
				440	0.7748	700	0.6293
				450	2.5404	710	0.4732
				460	4.4216	720	0.3531
				470	3.4799	730	0.2689
				480	2.1370	740	0.2128
				490	1.2559	750	0.1510
				500	0.9471	760	0.1283
				510	1.0798	770	0.1146
				520	1.6078	780	0.0788
				530	2.4840	790	0.0632
				540	3.7011	800	0.0203
				550	5.0744	810	0.0513
				560	6.2813	820	0.0481
570	7.1093	830	0.0427				
580	7.4086	840	0.0000				
590	7.2410	850	0.0393				
600	6.6839						



TESTING WAS PERFORMED IN ACCORDANCE WITH IES LM-79-08. Approved By: MG