



LUMINAIRE TESTING LABORATORY, INC.

SUSTAINING
MEMBER
of the
IESNA

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LTL Number: 12824

Date: 02-28-2008

Prepared For: Luminaire Testing Laboratory, Inc.

Luminaire: Formed steel housing with aluminum heatsink, clear plastic enclosure.

Lamp: Nine white LEDs

Power Supply: One unmarked electronic LED power supply.

Luminaire Efficacy: 24.7 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	0.0974A	11.34W	60.0 Hz	350	0.0210	610	3.9867
Radiant Flux mW	Luminous Flux lumen	Corr.Color Temperature K	Color Rend. Index Ra	360	0.0172	620	3.5689
921.102	280.531	4791	77.3	370	0.0192	630	3.1105
Chroma x	Chroma y	Chroma u	Chroma v	380	0.0182	640	2.6659
0.349	0.3392	0.2191	0.3194	390	0.0208	650	2.2698
<p>Chromaticity Diagram CIE 1931, 2 degree</p>				400	0.0228	660	1.9139
				410	0.0405	670	1.5867
				420	0.1244	680	1.3158
				430	0.4777	690	1.0815
				440	1.6595	700	0.8836
				450	5.2515	710	0.7100
				460	8.4329	720	0.5770
				470	5.1160	730	0.4632
				480	2.8241	740	0.3686
				490	1.5782	750	0.3006
				500	1.2124	760	0.2423
				510	1.5096	770	0.1907
				520	2.2697	780	0.1534
				530	3.1762	790	0.1297
				540	3.9563	800	0.1053
				550	4.5473	810	0.1012
560	4.8861	820	0.0730				
570	4.9965	830	0.0517				
580	4.9083	840	0.0632				
590	4.7133	850	0.0710				
600	4.4045						

