



LTL Number: 15659

Date: 05-12-2009

Prepared For: Diogen Lighting

Catalog Number: MT8-1200-93

Lamp: One T8 LED Replacement Lamp with 304 White LEDs

Lamp Catalog Number: Diogen MT8-1200-93

LED Power Supply: Integral

Power Factor: 0.726

Lamp Efficacy: 76.3 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	0.1941A	16.90W	60Hz				
Radiant Flux mW	Luminous Flux lumen	Corr.Color Temperature K	Color Rend. Index Ra				
3825.883	1289.911	3396	67.8	350	0.0595	610	22.4060
Chroma x	Chroma y	Chroma u	Chroma v	360	0.2322	620	19.5600
0.401	0.3678	0.2426	0.3338	370	0.0865	630	16.4040
				380	0.1983	640	13.4000
				390	0.1792	650	10.7620
				400	0.2117	660	8.4504
				410	0.3527	670	6.5514
				420	1.2075	680	5.0269
				430	4.5350	690	3.8574
				440	12.6290	700	2.9397
				450	24.6270	710	2.2984
				460	15.8580	720	1.7883
				470	8.0111	730	1.3117
				480	4.2937	740	0.9765
				490	3.2298	750	0.7726
				500	3.9193	760	0.5741
				510	5.9787	770	0.4291
				520	8.7115	780	0.3157
				530	11.8140	790	0.3676
				540	15.1380	800	0.1962
				550	18.7100	810	0.0000
				560	22.1170	820	0.0000
				570	24.7700	830	0.3325
				580	25.9800	840	0.1105
				590	26.0320	850	0.0000
				600	24.7840		

