



LUMINAIRE TESTING LABORATORY, INC.

SUSTAINING
MEMBER
of the
IESNA

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LTL Number: 13833

Date: 08-14-2008

Prepared For: Diogen Lighting

Catalog Number: PAR30

Lamp: PAR30 LED Replacement lamp with 54 White LEDs

LED Power Supply: Integral

Lamp Efficacy: 53.8 Lumens/Watt

Lamp Arc Voltage	Lamp Current	Lamp Watts	Frequency
120.0VAC	0.09871A	6.926W	60Hz
Radiant Flux mW	Luminous Flux lumen	Corr.Color Temperature K	Color Rend. Index Ra
1115.438	372.794	3520	70.3
Chroma x	Chroma y	Chroma u	Chroma v
0.3992	0.3769	0.2375	0.3363

Wavelength in nm	Spectral Flux in mW/nm	Wavelength in nm	Spectral Flux in mW/nm
350	0.0583	610	6.2911
360	0.0345	620	5.4924
370	0.0468	630	4.6476
380	0.0448	640	3.8241
390	0.0402	650	3.0888
400	0.0493	660	2.4693
410	0.0846	670	1.9211
420	0.2348	680	1.4956
430	0.7513	690	1.1558
440	1.9031	700	0.8841
450	3.9043	710	0.6851
460	6.0532	720	0.5296
470	4.7589	730	0.4042
480	3.0394	740	0.3186
490	2.0196	750	0.2377
500	1.6969	760	0.1897
510	1.8979	770	0.1568
520	2.4572	780	0.1227
530	3.2552	790	0.1031
540	4.2441	800	0.0969
550	5.3260	810	0.0872
560	6.3565	820	0.0736
570	7.1342	830	0.0422
580	7.4562	840	0.0669
590	7.3980	850	0.0610
600	6.9470		

