

CERTIFICATE OF CALIBRATION  
for LI-COR SPECTRAL IRRADIANCE LAMP

Model Number 1800-02L

Serial Number:ORL1205      Date of Calibration:17 NOV 2006 By:DH

LampPowerInput: 191.5 watts; LI-1800-02 Power Tap #3  
Initial Resistance at Specified Power: 69.7 ohms; Test:142E-226F

CAUTION: Refer to sections 3-1 and 3-2 of the 1800-02 Instruction Manual for correct lamp installation and power adjustment.

Photosynthetic Photon Flux Density: 210.3 umoles/sec/m2  
Photosynthetic Irradiance: 42.6 watts/m2  
Irradiance 300 to 1100nm: 157.2 watts/m2  
Illuminance: 11047 lux; 1026 ft.candle  
Chromaticity Coordinates: x: 0.42561 y: 0.40045 u': 0.24481 v': 0.51826

Spectral Irradiance, watts/m2/nm, by wavelength in nm

300	2.845E-03	310	3.893E-03	320	5.307E-03	330	7.087E-03
340	9.233E-03	350	1.177E-02	360	1.478E-02	370	1.823E-02
380	2.214E-02	390	2.650E-02	400	3.131E-02	410	3.657E-02
420	4.231E-02	430	4.851E-02	440	5.502E-02	450	6.190E-02
460	6.906E-02	470	7.661E-02	480	8.467E-02	490	9.254E-02
500	1.010E-01	510	1.093E-01	520	1.178E-01	530	1.264E-01
540	1.350E-01	550	1.435E-01	560	1.522E-01	570	1.603E-01
580	1.687E-01	590	1.767E-01	600	1.845E-01	610	1.923E-01
620	1.998E-01	630	2.068E-01	640	2.140E-01	650	2.208E-01
660	2.272E-01	670	2.334E-01	680	2.395E-01	690	2.449E-01
700	2.503E-01	710	2.553E-01	720	2.602E-01	730	2.646E-01
740	2.684E-01	750	2.723E-01	760	2.757E-01	770	2.789E-01
780	2.816E-01	790	2.841E-01	800	2.866E-01	810	2.886E-01
820	2.903E-01	830	2.918E-01	840	2.929E-01	850	2.941E-01
860	2.948E-01	870	2.952E-01	880	2.956E-01	890	2.955E-01
900	2.953E-01	910	2.950E-01	920	2.945E-01	930	2.939E-01
940	2.931E-01	950	2.922E-01	960	2.912E-01	970	2.898E-01
980	2.883E-01	990	2.868E-01	1000	2.852E-01	1010	2.836E-01
1020	2.819E-01	1030	2.801E-01	1040	2.783E-01	1050	2.764E-01
1060	2.745E-01	1070	2.725E-01	1080	2.705E-01	1090	2.684E-01
1100	2.662E-01						



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