

CERTIFICATE OF CALIBRATION  
for LI-COR SPECTRAL IRRADIANCE LAMP

Model Number 1800-02L

Serial Number:ORL1204 Date of Calibration:17 NOV 2006 By:DH

LampPowerInput: 191.5 watts; LI-1800-02 Power Tap #3  
Initial Resistance at Specified Power: 70.0 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: 205.8 umoles/sec/m2  
Photosynthetic Irradiance: 41.7 watts/m2  
Irradiance 300 to 1100nm: 155.0 watts/m2  
Illuminance: 10795 lux; 1003 ft.candle  
Chromaticity Coordinates: x: 0.42646 y: 0.40076 u': 0.24523 v': 0.51851

SpectralIrradiance, watts/m2/nm, by wavelength in nm

300	2.722E-03	310	3.714E-03	320	5.064E-03	330	6.773E-03
340	8.839E-03	350	1.128E-02	360	1.418E-02	370	1.753E-02
380	2.131E-02	390	2.553E-02	400	3.019E-02	410	3.530E-02
420	4.094E-02	430	4.692E-02	440	5.329E-02	450	6.005E-02
460	6.713E-02	470	7.434E-02	480	8.223E-02	490	8.996E-02
500	9.824E-02	510	1.064E-01	520	1.148E-01	530	1.232E-01
540	1.317E-01	550	1.401E-01	560	1.487E-01	570	1.567E-01
580	1.649E-01	590	1.730E-01	600	1.807E-01	610	1.883E-01
620	1.957E-01	630	2.028E-01	640	2.099E-01	650	2.168E-01
660	2.231E-01	670	2.292E-01	680	2.354E-01	690	2.408E-01
700	2.462E-01	710	2.512E-01	720	2.561E-01	730	2.606E-01
740	2.645E-01	750	2.683E-01	760	2.718E-01	770	2.751E-01
780	2.778E-01	790	2.804E-01	800	2.829E-01	810	2.849E-01
820	2.868E-01	830	2.883E-01	840	2.894E-01	850	2.908E-01
860	2.914E-01	870	2.920E-01	880	2.924E-01	890	2.924E-01
900	2.923E-01	910	2.921E-01	920	2.917E-01	930	2.912E-01
940	2.905E-01	950	2.897E-01	960	2.887E-01	970	2.874E-01
980	2.861E-01	990	2.847E-01	1000	2.833E-01	1010	2.818E-01
1020	2.802E-01	1030	2.786E-01	1040	2.769E-01	1050	2.751E-01
1060	2.733E-01	1070	2.715E-01	1080	2.695E-01	1090	2.675E-01
1100	2.655E-01						



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