

Biospherical Instruments Inc.

CALIBRATION CERTIFICATE

Calibration Date 2/8/2008
Model Number QSR-2200
Serial Number 20128
Operator TPC
Standard Lamp 91537(1 0/25/2006)
Probe Excitation Voltage Range: 6 to 18 VDC(+)
Output Polarity: Positive

Probe Conditions at Calibration(in air):

Calibration Voltage: 6 VDC(+)
Probe Current: 3.4 mA

Probe Output Voltage:

Probe Illuminated	78.1
Probe Dark	2.0
Probe Net Response	76.2
RG780	2.6

Corrected Lamp Output:

Output In Air (same condition as calibration):

8.83E+15 quanta/cm²sec
0.01467 uE/cm²sec

Calibration Scale Factor:

(To calculate irradiance, divide the net voltage reading in Volts by this value.)

Dry: 8.6203E-18
5.1912E+00

Notes:

1. Annual calibration is recommended.
2. Calibration is performed using a Standard of **Spectral Irradiance** traceable to the **National** Institute of Standards and Technology (NIST).
3. The collector should be Cleaned frequently **with** alcohol.
4. **Calibration was** performed **with** customer cable, when available.