Biospherical Instruments Inc.

CALIBRATION CERTIFICATE

Calibration Date	3/28/2013				
Model Number	QSR-2240	-			
Serial Number	16500				
Operator	TPC				
Standard Lamp	V-030(3/7/12)				
Probe Excitation Voltage Range:		6	_ to	18	VDC(+)
Output Polarity:	Positive	_			_
Probe Conditions at Calibration(in air): Calibration Voltage: Probe Current:		6 3.9		DC(+) ıA	
Probe Output Voltage:					
Probe Illuminated Probe Dark Probe Net Response RG780		100.4 1.1 99.4 1.1	m	V V V	
Corrected Lamp Outpu	<u>it:</u>				
Output In Air (same condition as calibration):					

9.826E+15 quanta/cm²sec 0.01632 uE/cm²sec

Calibration Scale Factor:

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

Dry: 1.0114E-17 V/(quanta/cm²sec) 6.0906E+00 V/(uE/cm²sec)

Notes:

- 1. Annual calibration is recommended.
- 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.