Calibration Date:	01/11/17			**Job No.:**	R12831
Model Number:	QSP2300				
Serial Number:	70359				
Operator:	TPC				
Standard Lamp:	91453(7/20/16)				
Operating Voltage Range:	6	to	15	VDC (+)	

Note: The QSP2300 output is a voltage that is proportional to the log of the incident irradiance.
To calculate irradiance, use this formula:
Irradiance = Calibration factor * (10^Light Signal Voltage - 10^Dark Voltage)

Dry Calibration Factor:	**3.29E+12**	**quanta/cm²·sec per volt**	**5.46E-06**	**µEinsteins/cm²·sec per volt**
Wet Calibration Factor:	**5.80E+12**	**quanta/cm²·sec per volt**	**9.64E-06**	**µEinsteins/cm²·sec per volt**

Sensor Test Data and Results[2)]

Sensor Supply Current (Dark):	3.5	mA		
Supply Voltage:	6	Volts		
Lamp Integrated PAR Irradiance:	8.38E+15	quanta/cm²·sec	0.01391	µEinsteins/cm²sec
Immersion Coefficient:	0.566			

Nominal Filter OD	Expected Transmission	Calibrated Trans.	Sensor Voltage	Expected Voltage	Voltage % Error	Measured Trans.	Transmission Error (%)	Test Irrad. (quanta/ cm²·sec)
No Filter	100%	100.00%	3.407	3.407	0%	100.00%	0.0	8.38E+15
0.3	50%	36.10%	2.966	2.964	0%	36.20%	-0.3	3.03E+15
0.5	32%	27.60%	2.857	2.847	0%	28.19%	-2.1	2.36E+15
1	10%	9.27%	2.386	2.374	1%	9.50%	-2.4	7.96E+14
2	1%	1.11%	1.472	1.452	1%	1.12%	-1.1	9.41E+13
3	0.10%	0.05%	0.306	0.134	56%	0.04%	34.0	3.36E+12
RG780	0.00%	0.00%	0.003	0.003	1%	0.00%	-100.0	2.51E+10

Dark Before:	0.003	Volts
Light - No Filter Hldr.:	3.407	Volts
Dark After - NFH:	0.003	Volts
Average Dark	0.0033	Volts

Notes:
1. Annual calibration is recommended.
2) This section is for internal use and for more advanced analysis.