



# THE EPPLEY LABORATORY, INC.

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## Calibration Certificate

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Instrument: Precision Spectral Pyranometer, Model PSP, Serial Number 37669F3

Procedure: This pyranometer was compared in Eppley's Integrating Hemisphere according to procedures described in **ISO 9847 Section 5.3.1** and Technical Procedure, TP01 of The Eppley Laboratory, Inc.'s Quality Assurance Manual on Calibrations.

Transfer Standard: Eppley Standard Precision Pyranometer, Model SPP, Serial Number 37501F3

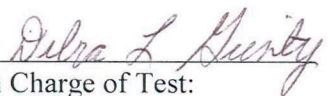
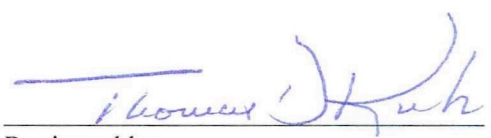
Results: **Sensitivity:**  $S = 8.31 \mu V / W m^{-2}$   
**Uncertainty:**  $U_{95} = \pm 0.91\%$  (95% confidence level,  $k=2$ )  
**Resistance:**  $652 \Omega$  at  $23^{\circ}C$

Date of Test: December 9, 2015

Traceability: This calibration is traceable to the World Radiation Reference (WRR) through comparisons with Eppley's AHF standard self-calibrating cavity pyrhemimeters which participated in the Eleventh International Pyrhemimetric Comparisons (IPC XI) at Davos, Switzerland in September-October 2010. Unless otherwise stated in the remarks section below or on the Sales Order, the results of this calibration are "AS FOUND / AS LEFT".

Due Date: Eppley recommends a minimum calibration cycle of five (5) years but encourages annual calibrations for highest measurement accuracy.

Customer: RMR, Co.  
Seattle, WA

Signatures:  In Charge of Test:  Reviewed by:

Eppley SO: 64593

Date of Certificate: December 15, 2015

Remarks: