

## Lighting Global Product Testing Verification Pico Solar Home System 7000 (Assembled in Kenya) October 2012 (valid to October 31, 2014<sup>1</sup>)

Reference #: fs-pshs7000-2012

This verifies that the Pico Solar Home System 7000 (as assembled in Kenya) was tested according to the Quality Test Method in the latest edition of IEC 62257-9-5<sup>2</sup> and **passed** the Lighting Global Quality Standards<sup>3</sup> listed below.



### **Documentation:**

Specifications sheet with verified test results and original version of this verification:  
<http://www.lightingglobal.org/products/fs-pshs7000>

### **Testing Details:**

Company Name: fosera Group  
Company Contact: Annika Tillmans, [info@fosera.com](mailto:info@fosera.com)  
Sample Procurement Date: April 2012  
Sample Size: n=6  
Sample Procurement Method: Random warehouse sampling  
Testing Laboratory: Schatz Energy Research Center, Arcata, CA USA

### **Quality Standards:**

- Truth in Advertising:** Accurate Labeling (e.g., rated run time, battery capacity, PV power)
- Lumen Maintenance:** At least 70% of initial brightness maintained over 2000 hours of operation
- Quality:** Passed basic durability and quality checks
- Warranty:** At least 1-year consumer facing warranty



Arthur Itotia Njagi  
Program Manager, Lighting Africa

Note: This verification applies only to the package of components described above, including the Lamp200 and Lamp100. Packages with different components will have different durability and performance.

<sup>1</sup> Lighting Global requires re-testing every two years or upon major product revisions, and in special cases reserves the right to grant an extension on results validity.

<sup>2</sup> <http://www.lightingglobal.org/activities/qa/testmethods.html>

<sup>3</sup> <http://www.lightingglobal.org/activities/qa/standards.html>