

Lighting Global Product Testing Verification Pico Solar Home System 7000 (Assembled in Ethiopia) October 2012 (valid to February 28, 2017¹)

Reference #: fs-pshs7000-2015

This verifies that the Pico Solar Home System 7000 (Assembled in Ethiopia) was tested according to the Quality Test Method in the latest edition of IEC 62257-9-5² and met the Lighting Global Quality Standards³ 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: Catherine Adelman, info@fosera.com
Sample Procurement Date: October 2014
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 85% of initial brightness maintained over 2000 hours of operation
- Quality:** Passed basic durability and quality checks
- Warranty:** At least 1-year consumer facing warranty



Russell Sturm
Global Head, Energy Access
Lighting Global Project Manager
International Finance Corporation

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.

¹ 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.

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

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