

## Lighting Global Product Testing Verification Sun King Mobile Solar Lantern

Report Date: March 2016

Expiration Date: March 31, 2018<sup>1</sup>

Reference #: glp-sunkingmobile-2014

This verifies that the Sun King Mobile Solar Lantern was tested according to the Quality Test Method in the latest edition of IEC 62257-9-5<sup>2</sup> and met 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/glp-sunkingmobile>

### **Testing Details:**

Company Name: Greenlight Planet, Inc.  
Company Contact: Radhika Thakkar, [radhika@greenlightplanet.com](mailto:radhika@greenlightplanet.com)  
Sample Procurement Date: December 2015  
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

<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/qa/testmethods.html>

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