

Lighting Global Product Testing Verification

Solectric 15

October 2012 (valid to April 30, 2015¹)

Reference #: orb-solectric15-2012

This verifies that the Solectric 15 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/orb-solectric15>

Testing Details:

Company Name: Orb Energy, Ltd.
Company Contact: Andrea Griffin, andreacgriffin@gmail.com
Sample Procurement Date: May 2012
Sample Size: n=6
Sample Procurement Method: Random warehouse sampling
Testing Laboratory: Lighting Research Center, Troy, NY 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

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>

