

# Lighting Global Product Testing Verification

## Solar Energy Centre

### July 2014 (valid to July 31, 2016<sup>1</sup>)

Reference #: fe-sec-2014

This verifies that the Solar Energy Centre 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:**

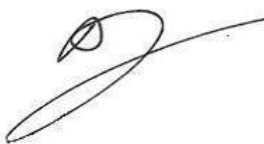
Specifications sheet with verified test results and original version of this verification:  
<http://www.lightingglobal.org/specs/fe-sec>

#### **Testing Details:**

Company Name: Freeplay Energy  
Company Contact: Viv Jenkins, [vjenkins@freeplayenergy.com](mailto:vjenkins@freeplayenergy.com)  
Sample Procurement Date: January 2014  
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 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



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<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>