

Lighting Global Quality Assurance in Brief

Lighting Global Quality Assurance contributes to achieving the goal of universal **energy access** by helping **retailers, investors, procurement programs**, and other **buyers** easily identify quality **off-grid solar products** and **reduce risk**. It is part of a broader market development program called **Lighting Global**, run by the **World Bank Group**.

At the core of the program are widely accepted **test methods** and **quality standards** that can be used to evaluate **pico-solar products** and **SHS kits** with solar modules **up to 350 watts peak**. The test methods are described in **IEC Technical Specification 62257-9-5**.

Competent laboratories have obtained **ISO 17025 accreditation** to these test methods. A **manufacturer** that wants to have a product tested contacts **CLASP**, which operates the QA program in partnership with the **Schatz Energy Research Center**. The product is **randomly sampled** and tested by one of the accredited labs in the Lighting Global **network of test labs**. The QA Team reviews the results, and if the product meets the standards, it is added to the list of quality-verified products on the **Lighting Global website**.

With rigorous qualification testing backed up **market check testing**, you can trust that quality-verified products will meet consumers' **expectations** for quality. Governments looking to **protect consumers** by blocking **poor-quality products** from entering the market are encouraged to adopt **mandatory national standards** that are fully harmonized with the global standards.

For more information, visit us on the Web at <https://www.lightingglobal.org/quality-assurance-program/> or contact QA@lightingglobal.org.