Steps to Test Your Product Through Lighting Global

**Step 1:** Contact Lighting Global at testing@lightingglobal.org (for Pico ≤ 10 Wp) or shs@lightingglobal.org (for SHS > 10 Wp & ≤ 350 Wp).

**Step 2:** Fill out the paperwork requested by Lighting Global (sent to you via email).

**Step 3:** Review the test agreement sent to you by Lighting Global and the test agreement sent to you by your selected test lab (totaling two test agreements).

**Step 4:** For QTM testing, Lighting Global will coordinate random sampling with an approved sampling agent. QTM samples are typically warehouse-selected; the selected samples must not exceed more than 3.5% of the total available warehouse stock for Pico and no more than 8% for SHS kits, e.g. a minimum of 18 samples are required for QTM testing of Pico products, which is 3.5% of 500 units from warehouse stock. For ISM testing, no random sampling is required. The manufacturer mails packaged samples to the test lab for both QTM and ISM testing.

**Step 5:** Direct communication with the test lab is most efficient during testing; CC your Lighting Global contact.

**Step 6:** Upon completion of testing, Lighting Global will send you the test results with an assessment for meeting the Lighting Global Quality Standards; if the product meets the Lighting Global Quality Standards, the product is considered Quality-Verified.

See flow diagrams below for remaining steps

**Program Entry Testing Flow Diagram**

**ISM** = Initial Screening Method
- Optional
- Provides feedback to the manufacturer on how the product would likely perform during QTM testing

**QTM** = Quality Test Method
- Results determine if product meets Lighting Global Quality Standards
- If the product does not meet the Standards after QTM testing, Lighting Global will work with the manufacturer to improve the product (additional partial re-testing may be required)

**AVM** = Accelerated Verification Method
- New optional alternative to QTM
- Faster
- Manufacturer must meet certain eligibility criteria
- Consists of a 2-sample ISM followed by a QTM; product may be Quality-Verified after the ISM
**Market Check and Renewal Testing Flow Diagram**

**Test Method Comparison Table**

<table>
<thead>
<tr>
<th>Test Method</th>
<th>ISM</th>
<th>QTM</th>
<th>MCM</th>
<th>AR</th>
<th>AVM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required to meet/maintain Lighting Global Quality Standards</td>
<td>No</td>
<td>Yes</td>
<td>Yes, at Lighting Global’s Discretion</td>
<td>Yes, required within two years after meeting the Standards</td>
<td>Alternate to QTM (manufacturer must meet certain eligibility criteria)</td>
</tr>
<tr>
<td>Random Sampling</td>
<td>Not required: manufacturers can send pre-production units directly to lab</td>
<td>Required: sampling from warehouse or retail</td>
<td>Required: sampling from retail</td>
<td>Required: sampling from warehouse or retail</td>
<td>Not required initially: manufacturers can send pre-production units directly to lab</td>
</tr>
<tr>
<td>Minimum Number of Samples Sent to Test Lab</td>
<td>3</td>
<td>18 (Pico) 16 (SHS)</td>
<td>6 to 18</td>
<td>7</td>
<td>7 (initially) 18 (follow-up QTM)</td>
</tr>
<tr>
<td>Samples per Test</td>
<td>1</td>
<td>6</td>
<td>2 to 6</td>
<td>2</td>
<td>2 (initially) 6 (follow-up QTM)</td>
</tr>
<tr>
<td>Estimated Testing Duration [months]</td>
<td>1 to 2</td>
<td>3 to 5</td>
<td>1 to 3</td>
<td>1 to 3</td>
<td>1 to 2 (initially) 3 to 5 (follow-up QTM)</td>
</tr>
<tr>
<td>ISO 17025 Accreditation</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
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