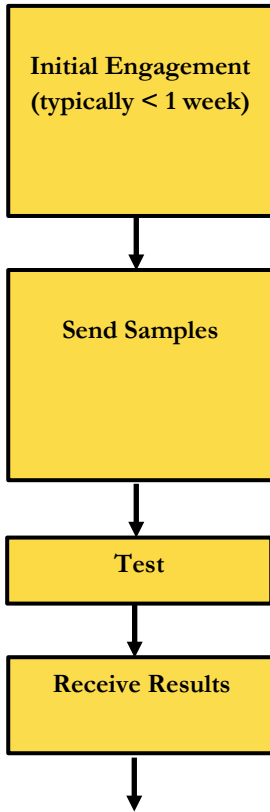


Steps to Test Your Product Through Lighting Global



Step 1: Contact Lighting Global at testing@lightingglobal.org (for Pico $\leq 10 W_p$) or shs@lightingglobal.org (for SHS $> 10 W_p$ & $\leq 350 W_p$).

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).

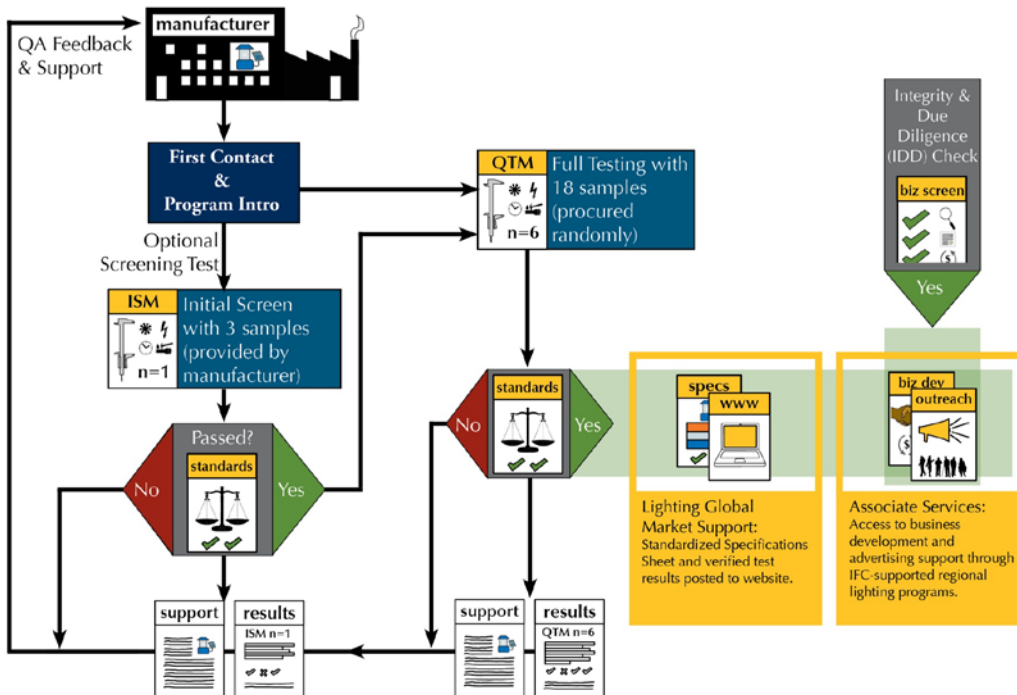
Step 4: For QTM testing, Lighting Global will coordinate random sampling with an approved sampling agent. QTM samples are typically warehouse-selected; the selected samples must not exceed more than 3.5% of the total available warehouse stock for Pico and no more than 8% for SHS kits, e.g. a minimum 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

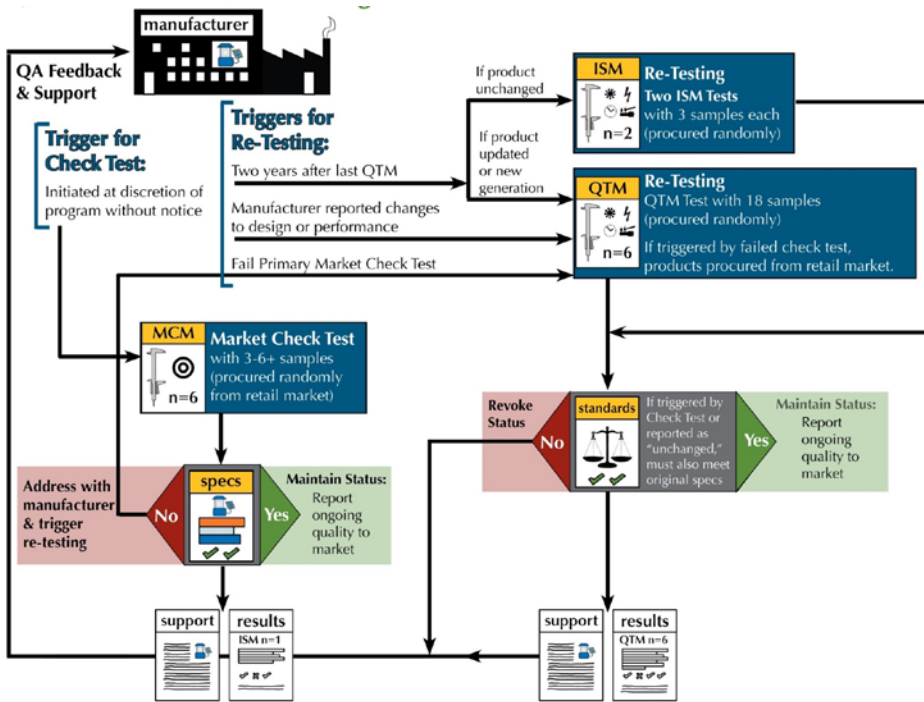
QTM = Quality Test Method

- 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



MCM = Market Check Method

- Performed on Quality-Verified products at Lighting Global’s discretion sampled from retail
- Ensures that the quality and performance of certified products meets or exceed original levels over time
- Initial MCM test paid for by Lighting Global
- If product fails initial MCM, manufacturer can retry test at its own expense within a reasonable timeframe

AR = Renewal Test

- Performed on Quality-Verified products to maintain Lighting Global status
- To be performed within two years after meeting the Quality Standards

Test Method Comparison Table

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

¹ Sampling guidelines available on Lighting Global’s website: <https://www.lightingglobal.org/resource/product-sampling-policy/>