



Independent Consultancy and Product Certification Services for LED and Lighting Companies

The global lighting industry is facing unprecedented change driven by rapidly developing technology, evolving regulation and an increasingly competitive environment

IoT is driving the new light

Technology, which for 100 years has been based on 'glass and metal', is now semiconductor electronics and software. Light is now an integral component of the Internet of Things (IoT), with LEDs, electronic controls and driver technology all seamlessly integrated with wireless and wired networks. Technological complexity and supply chain uncertainty is increasing exponentially.

Are you ready to cope with the level of change?

This level of change is creating widespread confusion on the correct approach to Design, Testing and Certification. 'Change' is impacting a manufacturer's ability to effectively sell products in an increasingly global marketplace. 'Change' is impacting the level of trust in any performance or safety-related data required to satisfy complex regulatory environments.

The regulatory environment is not helping. The lack of global harmonized standards leads to a quagmire of differing and contradictory standards. Little to no correlation exists between 'regulation' and product. Further, the uncertainty of Brexit has muddied an already confusing situation.

Nevertheless, new large-scale entrants from overseas are looking to enter the UK and European market, potentially able to out-compete local competitors with resources, skills and capital.

Getting safe and compliant products on time to market makes the entire difference to the profitability of your product range.

A trusted independent knowledgeable source becomes imperative

Our consulting and training services is designed to ensure you achieve your goals in the most efficient manner - whether it's navigating the labyrinth of regulation, gaining global market access, ensuring sustainable operations, understanding how to manage certification and testing processes.

We achieve this through a unique blend of consulting services - ranging from expert knowledge transfer and 'insight', to training courses, one-one mentoring or company workshops.

Our consulting services are backed-up by our in-house accredited testing laboratory. Our strong partnerships with global certification bodies ensure we cover your needs from start to finish. We even accept placement of your staff within our own laboratories for the ultimate 'on-the-job' training experience.

- Global Market Access
- Product Certification Services
- CE Marking Services

- Accredited Testing
- Access to Asia & Middle East
- Technical File Management
- Product Design Verification



Our clear and unambiguous guidance enables our clients to become more knowledgeable

LUX-TSI has in house experts to manage the whole product certification process. Our experts are flexible, responsive and attuned to the needs of companies both large and small. We can offer a one-stop-shop for all product certification and testing needs.

Market Access Scoping Services (MASS)

What do you need to sell your product in different locations around the world e.g. CE marking for Europe or listing/approvals in North America?

- Design for Compliance Consultancy
- Simple Checklist Access Summary
- Review of Regulatory Requirements
- Product Family Overview
- Reviewing Existing Declaration of Conformity

Market Access Management Services (MAMS)

Following on from the scoping we can manage your testing and certification needs to get products ready for sales in the target marketplace.

We can offer an end to end service of only selected aspects based on exactly **WHAT YOU NEED**.

- Direct Management of Testing
- Assistance with Export Paperwork
- Product Technical Due Dilligence
- Project management
- Third-party safety approval marks e.g. approval for US/Canada
- Notified Body CE certification of regulated products.
- Global approvals such as CB scheme

Market Access Review Services (MARS)

When your product is sold into the market the challenges do not end. Changing regulations and standards require constant vigilance.

- Updates on Changing Regulatory Requirements
- Gap Analysis of new standards
- Scoping of Tests required to maintain conformity
- Management of Testing and Certification through MAMS

Laboratory Ideal Practice Services (LIPS)

When you need an in house laboratory or compliance capability we are here to help you.

- Pre-Audit Readiness
- Audit Management
- ISO 17025 QMS system implementation
- Best practice test procedures and checklist

Design Verification Services (DEVs)

When your products are in early stage of development then we can help.

- Design for Compliance Review
- Creation of Verification Plans
- Training and Mentoring Services
- Industry Benchmarking



About LUX-TSI

We understand that each customer has individual needs and individual concerns. That's why we tailor our support to meet the needs of manufacturers, importers, distributors and retailers in locations which span the world. With over 150 years of experience in the performance testing of products, LUX-TSI has a deep-seated understanding of the regulatory requirements across multiple territories, enabling us to identify the most cost-effective, low-risk path to market access.

Our Services

Consulting, Testing, Certification, Systems

Our Markets

LED, Lighting, Electrical, Electronics and Medical Devices

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