

theLIA



AT THE HEART
OF LIGHTING

OUR MISSION IS THROUGH COLLABORATION, WE WILL DEVELOP THE QUALITY, SAFETY AND PERFORMANCE OF THE UK LIGHTING INDUSTRY

Steve K Davies - CEO, The LIA



The LIA is the largest trade association in Europe dedicated to serving the UK Lighting Industry and its supply chain.

Located at the forefront of the industry and dedicated to promoting best practice throughout the sector, we share our knowledge and provide a comprehensive range of services for our members and the wider lighting industry.

Our members benefit from up to date advice, technical support, laboratory testing services, staff development and fantastic networking opportunities. They tell us we provide the smartest, easiest and most intelligent way to keep up with developments within the UK Lighting Sector. Join them in keeping up to date in this fast moving sector by becoming an LIA member.

Come and join us.

The UK lighting industry is viewed as the most professional and influential in today's fast changing global market. By joining the LIA you instantly enjoy the benefits of having a strong partner who can provide a dedicated industry platform to help support, develop and promote your business to comply and compete on a global stage.

Whether you're a micro-business, SME or a large multinational, being an LIA Member guarantees that you have the UK's most authoritative and respected trade association working in your interest.

No one knows the lighting industry like we do.

Serious about lighting? We are.

Steve K Davies - CEO, The LIA



REPRESENTING THE INTERESTS OF THE LIGHTING INDUSTRY FROM GLOBAL LEADERS TO STARTUPS ACROSS THE ENTIRE LIGHTING SUPPLY CHAIN.

Through Membership and a package of comprehensive activities the LIA supports its Members to grow and achieve excellence in product design, specification and performance.

Representing you

The LIA is recognised globally as the authority on lighting and Members are encouraged to get involved. Our Technical Managers sit on over 40 national and international committees and are Chairs of IEC committees.

We represent all aspects of UK, EU and international lighting stakeholders at the highest level – including national and international regulatory bodies - whilst protecting the interests of both the public and our Members.

Our Commitment for your future

The Association is committed to introducing and continuously improving high quality services from compliance to quality assurance and the organisation of innovative networking events and opportunities.

With the LIA Academy, we provide a platform for learning for the next generation of lighting professionals. In addition, our market surveillance initiative and suite of insurance products are designed to create customer confidence for our Members throughout the entire supply chain.

MEMBERSHIP BENEFITS THAT LINK DIRECTLY TO YOUR BUSINESS.

Supporting your business

We offer a range of compliance and assurance services, including LIAQA, a dedicated quality assurance scheme for the lighting industry. Our dedicated laboratory, the largest independent lighting laboratory in Europe, is able to independently measure and verify the safety and performance of lighting products. Lumicom, the UK's leading not-for-profit WEEE Compliance Scheme, offers advice on WEEE compliance and is the largest recycler of lamps and luminaires.

We support the industry by creating and promoting high quality training and industry-focused communication, which in turn stimulates demand for lighting technology and quality products. We also support our Members with more day-to-day aspects of running their business, including:

- Assistance in obtaining grant funding - on a UK, Europe and world-wide basis
- HR and HSE consultancy provided (via our service partner EEF)
- Discounted training and staff development courses provided by the LIA and our training partners
- Knowledge on everything from legislation and legislative guidance to technical details on national, European and international standards and procedures
- A discounted range of specialist insurance products designed to protect businesses.

THE LIA TEAM, DELIVERING THE SUPPORT AND INFORMATION YOU NEED.



The LIA Laboratory

The LIA Laboratory is the UK's premier solution for all of your Lighting Certification and Testing requirements. This ISO 17065 Accredited National Certification Body is able, through the LIA Laboratory Verified Scheme, to independently measure and verify the safety and performance of lighting products, lamps, modules and luminaire fixtures against the manufacturer's performance claims.

www.thelia.org.uk/Laboratory | www.lialabcert.org.uk



Lumicom

Lumicom is the UK's leading independent not-for-profit WEEE Compliance Scheme set up to specifically serve the lighting industry for both household and non household producers.

www.lumicom.co.uk



ICEL

ICEL supports LIA Members who are manufacturers, installers or suppliers of emergency lighting components or products.

www.icel.co.uk





REPRESENTING EMERGENCY LIGHTING IN THE UK MARKET.

The Lighting Industry Association's Industry Committee for Emergency Lighting (ICEL) specialises in providing support to LIA Members and the Emergency Lighting market.

What does ICEL do?

ICEL promotes emergency lighting legislation and standards. In the UK, ICEL experts represent the lighting industry on BSI product and application standards committees. We work with Government consultative groups and with safety organisations such as the Fire Industry Association. Our experts contribute to the development of new safety standards and the amendment of existing ones.

Besides the standards that emergency lighting products should comply with ICEL operates industry respected registrations schemes:

- **ICEL 1001:** Product and Authenticated Photometric Data Registration
- **ICEL 1004:** Requirements for the Re-Engineering of Luminaires
- **ICEL 1009:** Emergency Lighting Central Power Supply Systems
- **ICEL 1010:** Registration of Battery Cell(s) and Batteries

These schemes identify the Bench Mark requirements for the emergency lighting industry.

Get involved!

Through its work this dedicated lighting forum for Emergency lighting provides extensive support to the development of the emergency lighting market, combined with technical support to individual Members.

Further details of what ICEL can do for you and its registration schemes can be found at www.icel.co.uk

ICEL represent 80% of the emergency lighting manufacturers in the UK.



www.icel.co.uk

THE UK'S LARGEST INDEPENDENT ISO 17025 TEST LABORATORY.

The UK's largest independent ISO 17025 test laboratory dedicated to lighting and an ISO 17065 (product certification) National Certification Body.

With the reputation for reliability, accuracy and affordability, we are committed to staying at the forefront of technological advances. With a deliberate and simple strategy to providing a complete service to support the lighting industry with state of the art equipment and highly skilled staff our independence ensures you receive the best service possible.

So how can we help?

Certification Services

- LIA LAB Verified for LED Lamps and Luminaires
- LIA LAB Registered Gonio Photometer Scheme
- LIA LAB Registered Sphere Testing Scheme
- International Certification as required

Safety Testing for:

- Lamps (filament, CFL, Induction or LED)
- LED Module
- Luminaires (Fixed, portable, recessed, etc.)
- Emergency Lighting
- Street Lighting
- Control Gear
- Lamp Holders
- Lighting Tracks
- Lighting Chains and Ropes
- Fire Safety (TPa and TPb)
- Ingress Protection (Dust & Water)
- Impact Protection (IK code)
- Flammability (Needle Flame and Glow-wire)
- Non-electrical Pendant (Shade)

Performance Testing (photometric) for:

- Beam Angle/Intensity
- Lumens Output
- Correlated Colour Temperature (CCT)
- Colour Rendering (Ra)
- Colour Rendering Index (CRI)
- Colour Uniformity
- Power Factor
- Photopic and Scotopic Ratios
- Flicker
- Photobiological Safety (UV)
- Lumens per Watt
- Unified Glare rating (UGR)

Life Testing for:

- Lamps (filament, CFL, induction or LED)
- Luminaires

Additional Services we provide for you:

- UMSUG Testing
- Energy Efficiency Schemes (ErP, EuP, ECA, EST and SEAI)
- Product Verification
- RoHS Screening

Whether it is established or new technologies, we can meet your demands, providing independent third party test reports helping to demonstrate the safety of your products, as required by legislation.

LIA LABORATORIES VERIFIED SCHEME IN PARTNERSHIP WITH EST.

In today's competitive market the industry is faced with a wide choice of lighting product offers. A key aspect when making a buying decision is often price. So if you have a choice of products which offer a good price with more or less the same performance claims, it is often the lower cost option which buyers choose.

But how can you be certain that the claimed specification of a product is true and realistic?

Investigations might find that the cheaper alternative may not have been safety compliant or that it falls short of its supposedly equivalent performance specification. The reliability of some cheaper products can be questionable.

Fair competition is one thing, losing out to rogue products is quite another. Additionally poor performing product, particularly in relation to new technologies, can damage both the professional and consumer market place removing any incentives for responsible manufactures to invest time and effort into making better quality products.

Clearly something must be done.

LIA Laboratories Verified Certification

This certification scheme independently measures and verifies the safety and performance of lighting products, lamps, modules and luminaire fixtures against the manufacturer's performance claims.

The scheme firstly verifies basic safety then initial "performance verification" of manufacturer's specifications and packaging claims and then "life" verification to 2,000 hours.

The LIA Laboratory's Verified Certification Mark and test data are also listed on the dedicated certification website for all to view.

The Verified Scheme will help you to gain a competitive edge by giving your customers the confidence to buy your products.

End users, lighting professionals, consumers and your competitors can now simply identify the products that meet the manufacturer's claims.



www.thelia.org.uk/Laboratory



THE LIGHTING INDUSTRY ACADEMY.

The Academy is a professional learning institution committed to fulfilling all the educational needs of the lighting community. It brings together specialist lighting courses run by the LIA as well as other leading lighting organisations. Our courses are delivered by highly skilled, professional trainers with many years of experience.

It was created, in response to a need identified by the LIA, to bring together the learning expertise of the industry's leading organisations and manufacturers. It will lead the way in creating clear paths of professional development for everyone working within the industry and wider lighting community.

The Academy provides class-based learning at a new dedicated campus in Telford as well as a variety of other locations throughout the UK.

To get involved with the Academy please go to www.thelia.org.uk/academy or call our Academy team **01952 290905**



www.thelia.org.uk/Academy



A WIDE RANGE OF LEARNING.

Lighting Application / Design

Courses to provide an understanding of how lighting forms an integral part of any design. How to apply a knowledge of light sources to complete the design of an installation to modern standards.

Lighting Software

Lighting Design Software courses to suit various levels of experience, incorporating information on latest developments.

Standards and Legislation

Covering the range of standards and legislation that impact the lighting community and providing the necessary updates.

Emergency Lighting

Understanding the specific background, requirements and legislation for the installation of Emergency Lighting, supported by ICEL.

Energy Efficient Lighting

Skills and understanding of the opportunities presented by new energy efficient lighting and controls technology.

Learning together

A range of opportunities on more generic topics such as Project Management and personal development.

Retail and Distribution

Information and understanding for the supply chain, to ensure lighting products are used at their optimum performance.

The LIA Certificate

A recognised suite of courses to prepare for a career in the Lighting Industry, or to further develop by specialising in a specific area.

Recognised Qualifications

The Academy is committed to formal qualifications for the lighting community.



QUALITY ASSURANCE FOR THE LIGHTING INDUSTRY.

The Lighting Industry Association offers Members an industry specific Quality Assurance Solution. The LIAQA scheme addresses legislative and regulatory requirements specific to the lighting industry. The scheme is designed to operate as a robust standalone Quality solution, or in conjunction with ISO 9001.

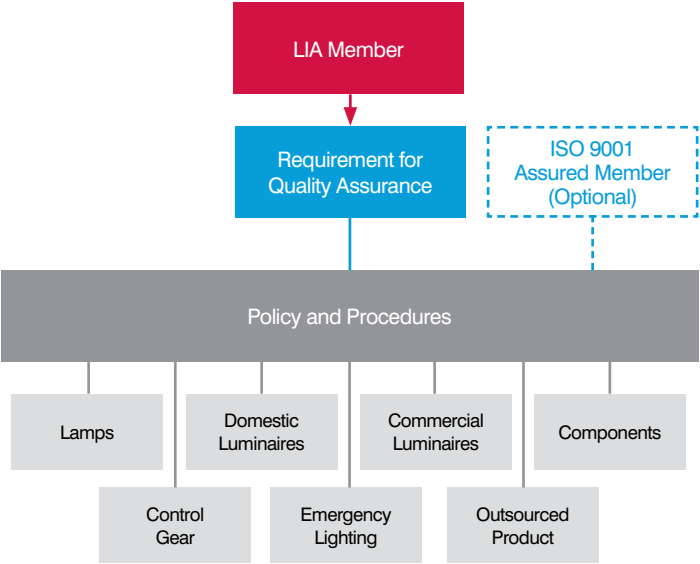
LIAQA uses a modular approach to Quality Assurance. Each module is focused on 'product type' specific requirements.

The scheme aim is to ensure that suppliers of lighting and lighting related products have a system in place that fully addresses product compliance. LIAQA identifies the criteria for product acceptance, manufacturing process requirements and the evidence that supports product conformity.

All modules cover the standardised requirements, where applicable, for:

- Safety (LVD, GPSD)
- EMC
- ERP (EcoDesign)
- Energy labelling
- Chemicals (RoHS, REACH)
- Waste (WEEE)

LIAQA is not a product certification scheme but it fully supports Members who may also use the LIA Laboratory Verified scheme. Members using LIAQA for quality assurance will have the added value of the details of their LIAQA assurance displayed on the LIA website.



LUMICOM - THE WEEE COMPLIANCE SCHEME FOR ALL LIGHTING.

Lumicom is the leading UK WEEE Compliance Scheme. A not-for-profit company set up by the LIA, it provides impartial, accurate and expert advice for both household and non-household lighting producers.

Lumicom helps you gain and maintain WEEE compliance through:

Lighting Specific Compliance Scheme

We understand the unique challenges faced by the industry and have regular contact with the HSE and Defra.

Open Days and Webinars

We help you keep on top of changes to legislation, provide innovative tips on managing recycling, and offer networking opportunities.

Product Verification and Data Checking Services

With access to the world-class LIA Laboratory, our testing services can help you make sure you're not under or over-reporting on your products.

Soft Audit Options

Benefit from a 'compliance health check' of products and processes and access impartial advice as part of the audit.

Account Management and Support

Larger producers can benefit from a dedicated account manager who can provide personal site visits and a hotline to help with product classification and queries.

Smaller producers can benefit from data reviews and will be alerted to any issues including proximity to threshold limits.

Methodology Writing

We support you with the methodology process ensuring the system used for reporting and submitting data meets the Environment Agency criteria.



THE LIA - UK-WIDE MEMBER NETWORK:

