

Introducing the BSI Kitemark™ for Commercial Lighting

A new scheme, a new standard, a new opportunity



The BSI Kitemark™ for Commercial Lighting has been developed in partnership with the Lighting Industry Association (LIA) to recognize the achievements of commercial lighting manufacturers that consistently meet the highest possible standards for safety and quality. This brochure introduces the scheme and explains its benefits.

In July 2017, (BSI) British Standards Institution and the Lighting Industry Association (LIA) formed a partnership to combine their knowledge and expertise with that of specialists in the lighting sector. A few months later, in November 2017, a new BSI Kitemark was born.

The **BSI Kitemark for Commercial Lighting**, developed by the BSI in partnership with the LIA, is a step forward in product safety and quality that will drive up standards and further reduce the costs associated with product recalls and returns.

As a voluntary standard, like all BSI Kitemarks, it will demonstrate to customers a business consistently makes a commitment to safety and quality above and beyond that required by law.

It will also provide an important marketing tool for manufacturers of commercial lighting products.

The BSI Kitemark is synonymous with Quality, Safety and Trust.



The business benefits

The BSI Kitemark for Commercial Lighting means:

- **Competitive advantage:** safety and performance testing that helps companies in the lighting sector differentiate themselves from their competitors
- **Access to new markets:** the BSI Kitemark is well regarded internationally
- **Faster product testing times:** the advantages of access to a state-of-the-art laboratory with the capacity to test products both reliably and quickly
- **Fewer risks:** certification managers and teams of advisers will be on hand to help spot and solve problems, saving time and money

- **Faster 'time to market' for new products:** identifying non-conformities in prototypes early and helping to eliminate them will ensure new products are 'market ready'

Combining the knowledge, expertise and resources of the world's oldest standards and certification body with those of a leading industry specialist, the scheme is a milestone in the development of the lighting sector. It will help 'future proof' your business and safeguard the interests of your shareholders and stakeholders.



How the BSI Kitemark for Commercial Lighting works

The scope of the scheme

The BSI Kitemark for Commercial Lighting covers a fairly wide range of products and, of course, includes LEDs. Any of the following can achieve the BSI Kitemark:

- **Floodlights**
- **Street lamps**
- **Recessed office lights**
- **Standard lighting for commercial buildings**

Scheme requirements

Companies will need to demonstrate a robust Factory Production Control process before they can qualify for the BSI Kitemark. Certification to ISO 9001 can be used to support this requirement.

In addition, their products need to conform to the relevant standards for commercial lighting. These are listed in the table at the back of this brochure.

The application process

Enquiries can be made through either the LIA or BSI, and the BSI sales teams will support and manage all applications. Organizations meeting the requirements of the scheme will be awarded the BSI Kitemark.

Product testing and test reports

Under the BSI Kitemark for Commercial Lighting scheme, type testing (based on a sample of products selected by the manufacturer according to BSI guidelines and in co-operation with the LIA) is carried out by the LIA at its laboratory in Telford, Shropshire. Opened in 2016, the LIA laboratory is the largest testing facility for lighting products in Europe, a 12,500 square feet purpose-built centre with state-of-the-art equipment.

The use of the LIA Laboratory facility means BSI are able to provide assurance not only that products will be tested to the highest possible standards by specialists in their field. The capacity of the LIA Laboratory effectively means you'll be able to get the products with the BSI Kitemark on the market more quickly than you would otherwise.

Once completed, the LIA Laboratory sends the test reports, along with any other relevant technical documentation, to BSI. The BSI certification manager then reviews the reports and decides whether or not to award the BSI Kitemark certificate (assuming a robust Factory Production Control process is already in place).

In addition to the LIA Laboratory reports, BSI can accept evidence of third-party testing if it's in the Certification Body format – the internationally-recognized format used by certified bodies under the IEC's conformity assessment scheme (IECEE).

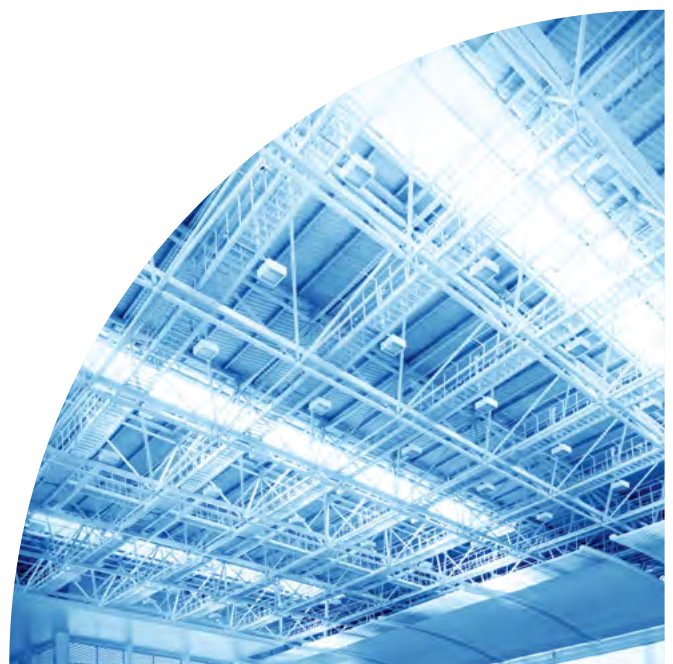
The continuous assessment process

Like all BSI Kitemarks, the BSI Kitemark for Commercial Lighting is not awarded for 'life'. The licence to use it can be withdrawn if a company fails to maintain standards over time.

After the BSI Kitemark certificate has been issued to an organization, BSI will visit it annually for continuing assessment. The length of these visits will depend on a number of factors – for example, the size of your business, number of employees, pre-existing certification(s) and previous assessment performance.

The assessment will include the Quality Plan, and products will be inspected against the specifications of the relevant standards. It won't be practically possible to cover everything in a single visit, but it is expected that all features on the BSI Kitemark certificate will have been checked by the end of the third annual visit.

This annual cycle of assessment and renewal is key to BSI Kitemark's credibility. In addition, it builds lasting relationships with BSI – visits are usually carried out by the same BSI representative – and help them identify and solve problems and avoid unnecessary risks.



About BSI

BSI is the business improvement company that enables organizations to turn standards of best practice into habits of excellence.

For over a century BSI has championed what good looks like and driven best practice in organizations around the world. Working with over 86,000 clients across 193 countries, it is a truly international business with skills and experience across a number of sectors including aerospace, automotive, built environment, food, and healthcare.

Through its expertise in Standards Development and Knowledge Solutions, Assurance and Professional Services, BSI improves business performance to help clients grow sustainably, manage risk and ultimately be more resilient.

To learn more, please visit:
www.bsigroup.com.

About 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 lighting industry and dedicated to promoting the best practice throughout the sector, the LIA shares information and knowledge and provides a wide range of services for the members and the wider lighting industry.

LIA Membership

The LIA members benefit from up to date advice, technical help, discounted laboratory testing services and academy courses, staff development support and fantastic networking opportunities.

LIA members can show product compliance by adopting the **LIAQA** scheme which offers them a lighting industry specific robust Quality Assurance solution, either standalone or in conjunction with ISO 9001, addressing the legislative and regulatory requirements specific to the lighting industry.

LIA Members working in the Emergency Lighting market can get specialist support through the **Industry Committee for Emergency Lighting (ICEL)**

LIA Services

LIA Laboratory – Europe's largest independent testing, measurement and certification laboratory dedicated to lighting.

LIA Academy – committed to fulfilling all the educational needs of the lighting community and offers specialist lighting courses run by the LIA as well as other leading lighting organizations.

Lumicom – Leading UK WEEE Compliance Scheme. As an independent subsidiary of the LIA, Lumicom provides impartial, accurate and expert advice for both household and non-household lighting producers.

To learn more about the LIA, please visit: www.thelia.org.uk.



Commercial Lighting standards

Specification & Date	Specification Title
BS EN 60598-1: 2015	Luminaires. General requirements and tests.
BS 4533-102.1: 1990 EN 60598-2-1: 1989	Luminaires. Particular requirements. Specification for fixed general purpose luminaires.
BS EN 60598-2-2: 2012	Luminaires. Particular requirements. Recessed luminaires.
BS EN 60598-2-3: 2003	Luminaires. Particular requirements. Luminaires for road and street lighting.
BS EN 60598-2-5: 1998	Luminaires. Particular requirements. Floodlights.
BS EN 60598-2-5: 2015	Luminaires. Particular requirements. Floodlights.
IEC 62722-1:2014 BS EN62717-2-1:2016	Luminaire performance Pt 1 general requirements
IEC 62722-2-1:2014	Particular requirements for LED luminaires



For more information on the BSI
Kitemark for Commercial Lighting:

Call BSI on: +91 11 4762 9000

Email: info.in@bsigroup.com