



Make sure your product stands out from the competition



The **BSI Kitemark™** Scheme for Luminaires

The luminaire market continues to grow and change, placing manufacturers under constant pressure to differentiate their products from others. But without an approved stamp of quality, safety and performance, this could be challenging.

The luminaire marketplace is highly competitive and manufacturers often use inconsistent values to market their products to consumers. This means customers are unable to make informed decisions about their purchase and rely on CE marking alone. As this comprises a manufacturer's self-declaration alone, the mark cannot always be trusted when it comes to quality and reliability.

BSI: A third party you can trust

We have over 50 years' experience in independent and impartial testing and certification of lighting products. This includes performance verification testing, CE marking and a BSI Kitemark scheme for industrial and domestic luminaires; emergency lighting luminaires; as well as central power systems and automatic test systems for emergency luminaires.

What is the difference between CE marking and the BSI Kitemark?

CE marking on a product is compulsory to demonstrate it meets the minimum requirements to be placed legally on the market in any European state. CE marking looks at the safety of a product, but its

reliability and quality are not necessarily guaranteed. That is why many specifiers will look for a mark of quality that goes beyond CE marking.

The BSI Kitemark is a mark of quality, safety and trust, and used more and more for lighting products across the globe. Products bearing the BSI Kitemark have been tested on an on-going basis over and above the minimum legal requirements to ensure standards do not slip or change over time. The BSI Kitemark scheme is voluntary and available from BSI only.

In order to achieve a BSI Kitemark, manufacturers submit samples of their products to our laboratory for third party independent testing against a number of key industry standards. During this process we make sure the products are taken to their highest and lowest operating levels to ensure they perform – even in extreme circumstances. We also test all luminaire and emergency lighting products against the requirements of International, European and British electrical safety and performance testing standards. Once a product has earned a Kitemark, it will be tested again on a regular basis to help ensure continued consistency, safety and quality. It is this aspect that sets the BSI Kitemark apart from many other certification schemes.



...making excellence a habit.™



The BSI Kitemark Scheme for Luminaires

The scheme consists of two elements. The first is the Quality Plan Assessment to evaluate the process inputs; and the second involves a Product Inspection to assess the process outputs. During the first part, one of our representatives will ensure the quality system meets the scheme's requirements before making a recommendation for the Kitemark Certificate to be issued. The visit will also include an inspection of the production facilities to witness at least one product in the making.

Once the Kitemark Certificate has been issued, we will carry out our repeat visits at least twice per year, over a period of three years.

At the moment, this is the only scheme in the market that gives manufacturers and distributors the power to differentiate their products from the competition by using a quality mark that goes above and beyond performance testing.

ENEC+: All about safety and performance

To complement our current Kitemark scheme, we will soon be launching ENEC+ certification. This initiative comes from the European lighting industry and the ENEC Mark (the pan-European independent third party certification scheme) to help LED product users validate claims of safety and performance. In short, a product carrying the ENEC+ Mark proves the manufacturer chose an independent verification scheme to validate performance claims. It also demonstrates their commitment to offer the best possible product to the European market.

The ENEC+ Scheme:

- Is future proof: it evolves with technology and standardisation.
- Verifies initial performance claims, tests the robustness of the product design and provides an objective comparison of lighting products.
- Reduces the cost as there is no need for repeated product tests against varying qualification rules. All the specification elements of LED luminaires and modules are included in ENEC+.

To be eligible for ENEC+ certification a product must bear the ENEC safety mark. We will then carry out performance tests to ensure the product complies with the following IEC performance standards: IEC/PAS 62722-1, IEC/PAS 62722-2-1 and IEC/PAS 62717. Once the product is ENEC+ certified, it will be listed on a publicly available database at enecplus.eu.

This independent third party certification is a single certification Mark, accepted throughout Europe and beyond.

Extend your reach to global markets

We are a member of the ENEC European certification scheme for lighting which is recognised all across Europe within the Electrical product area. That means we can help you to gain international approvals, so you can make the most of opportunities to sell into new markets and grow your business.

We are also a member of the internationally recognised CB (Certified Bodies) Scheme offered by the IECEE. So all test certificates issued within the scheme will be recognised by approximately 60 National Certification Bodies, and over 140 Certification Body Testing Laboratories in 43 countries located across America, Europe, Asia, Australasia and Africa. Our laboratories are UKAS accredited, providing testing, mandatory or voluntary certification and compliance wherever your business is located.

More about BSI

For more than a century BSI has been helping clients make excellence a habit.

- Having worked with over 70,000 companies of all sizes globally, we have a proven track record.
- BSI works in partnership with industry experts, government bodies, trade associations and consumer groups to gain the widest possible market and industry view to shape our services for the challenges companies face today.
- Our clients reap the benefits of working with BSI teams with a wealth of experience in a wide range of industries. They help cultivate a better understanding of the challenges and share valuable insights.
- We provide end-to-end support, helping our clients monitor and maintain their excellence.
- We talk with and listen to clients every day, asking them what they want and how satisfied they are with our products and services. This way we ensure we respond to the needs of our clients as they arise.

Discover more about the BSI Kitemark Scheme for Luminaires:

Visit: bsigroup.com/kitemark
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