



# Give your LED products a trusted stamp of approval



## The **BSI Kitemark™** scheme for self-ballasted LED lamps

With the significant surge in the production of LED lighting over the past few years, many companies chose to market their products around energy and life. This means the market is flooded with products that are not necessarily meeting quality and safety standards, with no real differentiator to distinguish between brands or outputs.

In 2009 the EU announced that all incandescent light bulbs should be phased out, with halogen bulbs to follow by 2016. As a result, many organizations are now investing in large-scale LED projects as these are more energy efficient than their traditional counterparts.

This has led to a huge increase in the manufacturing of LED products and in order to create some form of differentiation, companies tend to produce their own performance test reports. However, these test reports are not validated by third parties and value claims are often misleading or unclear. With over 45% of manufacturing being carried out abroad, this is a growing concern.

Currently there are no schemes to help customers and consumers make informed decisions about the safety and performance of LED products. And with a few reported cases of electric shock due to faulty electrical construction or overheating, the safety of several lighting products has been questioned.

## The **BSI Kitemark**

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 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.

**bsi.**

...making excellence a habit.™



## The BSI Kitemark Scheme for self-ballasted LED lamps

We have over 50 years' experience in independent and impartial testing and certification of lighting products. This particular Kitemark scheme is designed to help manufacturers and suppliers demonstrate the safety of their self-ballasted LED lamps, and verify all their performance claims. As a result, they will be able to differentiate themselves from the competition with an independent, third party stamp of quality, safety and performance.

This Kitemark scheme is more robust than most other certification programmes on the market and quality assurance can be completed in a much quicker turnaround time without the need for partial approval. This means less of a delay for our clients to get their Kitemark certificate.

### Which standards does the scheme cover?

**BS EN 62560:2012** – Self-ballasted LED-lamps for general lighting services by voltage > 50 V. Particular focus will be placed on safety specifications and all products will be tested at our laboratory in Loughborough.

**BS EN 62612:2013** – Self-ballasted LED lamps for general lighting services with supply voltages > 50 V. The emphasis here is performance requirements.

Once the Kitemark Certificate has been issued, we will carry out repeat visits at least twice a year to ensure products still conform to all the necessary requirements.

### Who can benefit for the scheme?

The BSI Kitemark Scheme for self-ballasted LED lamps can benefit all LED manufacturers, suppliers and distributors, as well as those who bought the above-mentioned standards. It can also act as a useful customer insight tool and be deployed to aid market research.

### The benefits at a glance

The scheme helps you to differentiate your business from competitors in a saturated market by having your performance, safety and quality claims verified by a trusted third party – BSI. The scheme is also recognised on a global level, so all your products will therefore carry an internationally verified mark. This could help you get access to other markets abroad and give your customers extra peace of mind.

Discover more about the BSI Kitemark Scheme for self-ballasted LED lamps:

Visit: [bsigroup.com/kitemark](http://bsigroup.com/kitemark) or call: +91 11 4762 9000

## More about BSI

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

- Having worked with over 80,000 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.



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