

Safe is lighting that smartly interacts with its surroundings

Testing & certification for lighting products



On the safe side.





Supporting your lighting innovations

With innovation occurring at the speed of light, the future looks bright for the lighting industry. New business models such as Lighting as a Service (LaaS) offer endless opportunities, and new applications are shedding light on previously unexplored niches, putting exciting possibilities within reach for manufacturers, importers, and retailers.

Smarter products, stricter requirements

The promise of new functionalities in lighting products is accompanied by stricter requirements: accountability for safety and performance is paramount. Clients want assurance that your products are safe, sustainable and durable. At the same time, incorporating extensive metrics and big data will become key in standing out from the competition. New, more sustainable technologies and a circular economy imply more complex testing requirements.

From design to delivery

Whether you are in public lighting, consumer applications or retrofit, as a full-service provider we will help you tackle the challenges you face through rigorous safety, EMC, regulatory, and wireless testing. We take your specific approvals and customer requirements into account, helping you to expertly navigate through the regulatory jungle. Our DEKRA LED Performance Mark and the ENEC+ Mark can help you set your products apart from the competition and comply with the growing range of energy-efficiency regulations.

Our experts work with the most complex photometric concepts, such as lamp efficacy and light distribution, on a daily basis. With a global network of laboratories we always close, giving you access to local expertise. As a frontrunner in new technologies, such as LED, OLED and LASER, and standards such as ZHAGA and different IoT protocols, we are constantly investing in updating our knowledge. This enables us to better meet your needs and provide you with up-to-date information and training possibilities. Our labs are accredited by RvA (ILAC signatory) and can provide ENEC, Energy Star, Zhaga and CB certification services.

Our testing and certification services cover the following areas:

- > Safety testing
- > Environmental and performance testing
- > Zhaga interchangeability testing
- > Material testing
- > Wireless and EMC testing
- > International market access
- > Retail services among others

About DEKRA

DEKRA has been active in the field of safety for more than 90 years and



is one of the world's leading expert organizations in testing, inspection and certification. Our qualified and independent experts work for safety on the road, at work and at home. Among other things, they test and certify consumer, industrial, automotive and ICT products, as well as medical devices and products used in explosive atmospheres for worldwide markets.

Our smart combination of safety and connectivity testing gives you the edge in a world where products need to work with everything else. It's what makes DEKRA your partner for a safe connected world.

www.dekra-product-safety.com



Support in innovation

International market access

Knowledgeable experts

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