Lighting inverters wiki

To deliver the lighting industry"s Strategy 2030, LightingEurope focuses on Better Enforcement, Sound Product Rules, Value of Lighting and Sustainability. LightingEurope also specifically addresses certain features of lighting technology: Digital compliance, Emergency Lighting, and Standardisation.

Lighting products are subject to many EU rules: ecodesign, energy efficiency, energy labelling, safety requirements for low voltage, electromagnetic or radio emitting products and obligations to provide information.

LightingEurope advocates the Better Enforcement of EU rules to provide safe and quality products for users and a level playing field for all economic actors on the EU market.

Europe"s lighting industry has taken the lead in sustainability, not only by delivering significant energy savings but also with our track record in extending the lifetime of products, reducing hazardous substances and collecting and recycling of waste products.

Emergency lighting is present in all types of buildings, from hospitals to schools, hotels, offices or residential buildings and is on when the electric supply to the normal lighting fails. Emergency lighting provides illumination and guidance for occupants to safely exit a building in the case of an incident. Emergency lighting is mandatory, needs continuous assessment and should be maintained.

Standards are at the heart of the European market and harmonised standards allow manufacturers to demonstrate compliance with relevant EU legislation, enabling interoperability, improving the safety of EU citizens and protecting the environment. Standards are key to creating a level playing field for businesses in the Single Market and increasing consumer confidence.

LightingEurope has launched a Group dedicated to Standards to support our members in standards development organisations, both at EU and international level, to coordinate proposals from LightingEurope members in an increasingly competitive global context.

Technological advancements have significantly impacted the lighting industry. Previously unconnected lighting devices and systems have taken the digitisation route and are now connected.

The shift towards technologies such as cloud computing, the Internet of Things (IoT), and Artificial Intelligence (AI), along with the growing number of connected devices, creates new market opportunities for manufacturers and enhances the everyday lives of EU citizens. However, these developments also introduce new risks to our economy and society.

The Group Digital is a forward-thinking initiative within LightingEurope. It is dedicated to engaging with EU Digital Policies through a focus on implementation, with legislation like the Cyber Resilience Act and the Radio Equipment Directive.

LightingEurope is committed to promoting efficient lighting that benefits human comfort, safety and well-being, and the environment. We advocate a positive business and regulatory environment to foster fair competition and growth for the European lighting industry.

LightingEurope is the trade association that represents the lighting industry in Europe. We are the voice of more than 1,000 lighting companies, 80% of which are SMEs, and who together employ more than 100,000 people across Europe.

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