

Revision of EPD Product Specific Rules for Luminaires

Brussels, 16 January 2024 – LightingEurope supports the successful revision of PEP Ecopassport's PSR0014 for luminaires.

LightingEurope and our members have continuously shown their commitment to sustainability and to the reduction of the environmental impact of lighting products. With the support of LightingEurope experts, the PSR0014 environmental declaration method for luminaires for general lighting has recently been revised ¹, further demonstrating this ongoing commitment. We believe that the PSR0014 rules, published by PEP Ecopassport, can lead the way in further improving the environmental profile of the lighting industry.

With the efforts put in revising PSR0014, LightingEurope is not just responding to the increased interest in the market and among regulators in Lifecycle Assessments (LCAs) and Environmental Product Declarations (EPDs), but it is also providing a viable tool to deliver comparable and verifiable information on the environmental impact of lighting products in a cost-effective way by enabling EPDs per product family. Comparability of product EPDs is enhanced by the introduction of a so-called 'Functional Unit' concept that normalizes impacts based on lumen output and lifetime of a luminaire.

The revised Product Specific Rules (PSR) take into consideration the nature and market circumstances of the lighting industry. General lighting luminaires are used in many different application environments and the market consists of an impressive variety of products from various suppliers and manufacturers. The PSR0014 method is comprehensive, mature, and it addresses this diversity of luminaires.

We further strive for PSR0014 to serve as the basis for a standardized set of rules to be established at a global level. In this regard, representatives of LightingEurope Members have already taken the first steps towards standardizing global PSR rules on luminaires in relevant IEC committees.

PSR0014 can support the comprehensive and transparent delivery of information on the lifecycle analysis of luminaires and should therefore serve as an essential guide for all EPD operators involved and interested in the creation and application of LCAs concerning lighting products around the world.

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¹ All PSRs finalized with the support of PEP association, including PSR 0014 ed 2 Specific rules for luminaires (July 2023), are available here: <https://register.pep-ecopassport.org/documents>

About LightingEurope

LightingEurope is the voice of the lighting industry, based in Brussels and representing 30 companies and national associations. Together these members account for over 1,000 European companies, a majority of which are small or medium-sized. They represent a total European workforce of over 100,000 people and an annual turnover exceeding 20 billion euro. LightingEurope is committed to promoting efficient lighting that benefits human comfort, safety and well-being, and the environment. LightingEurope advocates a positive business and regulatory environment to foster fair competition and growth for the European lighting industry. More information is available at www.lightingeurope.org.