

# Necessary content of Technical Documentation

## Electrical lamps and luminaires

Electrical lamps and luminaires are covered by requirements of energy labelling according to Regulation (EU) No 874/2012.

The requirements only apply to electrical lamps and luminaires as described in Article 1 and 2 of the Regulation.

The documentation shall be produced before lamps and luminaires are placed on the market.

The technical documentation shall be sufficient to enable assessment of the conformity of the electrical lamps and luminaires with the requirements. In this respect it is important that test reports are included in the technical documentation.

Be aware that lamps and luminaires also are covered by ecodesign requirements according to Regulation (EC) No 244/2009, Regulation (EC) No 245/2009 and Regulation (EU) No 1194/2012.

Please see the separate guides with regard to the ecodesign regulations.

The information may be merged with the technical documentation provided in accordance with the ecodesign regulations mentioned above.

The energy efficiency index shall not exceed the limits for the declared energy class set in the Regulation.

Technical documentation for electrical lamps and luminaires	
Demands	How to comply
<b>Name and address of supplier</b>	Company name and complete address.
<b>General description</b>	Description of the model so that it is easily identified (model name and number, size etc.).
<b>List of applied standards</b>	Applied measurement standards (harmonised standards and/or other standards).
<b>Identification and signature of the person empowered to bind the supplier</b>	Name and signature of person responsible for the product.
<b>Energy consumption and energy efficiency</b>	<ul style="list-style-type: none"> <li>For electrical lamps, the technical parameters for determining energy consumption and energy efficiency</li> <li>For luminaires, the technical parameters for determining energy consumption, energy efficiency and compatibility with lamps</li> </ul> (Specifying at least one realistic combination of product settings and conditions in which to test the product).
<b>Results of calculations for lamps</b>	Result of calculation of: <ul style="list-style-type: none"> <li>The energy efficiency index (rounded to two decimal places)</li> <li>Energy consumption (rounded to two decimal places)</li> </ul>

This guide presents the contents of the Regulations and is addressed to manufacturers, importers and others interested. The guide is not a substitution for the Regulations, and in any case of doubt, the Regulations are applicable. This guide is not legally binding as a binding interpretation can only be made by the EU court.

- COMMISSION DELEGATED REGULATION (EU) No 874/2012 of 12 July 2012 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to energy labelling of electrical lamps and luminaires
- COMMISSION REGULATION (EC) No 244/2009 of 18 March 2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for non-directional household lamps
- COMMISSION REGULATION (EC) No 245/2009 of 18 March 2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for fluorescent lamps without integrated ballast, for high intensity discharge lamps, and for ballasts and luminaires able to operate such lamps, and repealing Directive 2000/55/EC of the European Parliament and of the Council
- COMMISSION REGULATION (EU) No 1194/2012 of 12 December 2012 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for directional lamps, light emitting diode lamps and related equipment