

Necessary content of Technical Documentation

Non-directional household lamps (including LED)

Non-directional household lamps are covered by ecodesign requirements according to Regulation (EC) No 244/2009 and Regulation (EC) No 859/2009¹. Be aware that non-directional LEDs are exempted from functionality requirements in Regulation (EC) No 244/2009. Instead functionality requirements for non-directional LEDs are included in Regulation (EU) No1194/2012.

The requirements only apply to non-directional household lamps as described in Article 1 and 2 of Regulation (EC) No 244/2009 (and with regard to LED Article 1 and 2 of Regulation (EU) No1194/2012).

The documentation shall be produced before the lamp is placed on the market.

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

Be aware that non-directional household lamps also are covered by the energy labelling Regulation (EU) No 874/2012.

Please see the separate guide with regards to energy labelling of lamps and luminaires

Technical documentation for non-directional household lamps	
Demands	How to comply
Name and address of supplier	Company name and complete address.
General description	Description of the model so that it is easily identified (model name and number, size etc.)
List of applied standards	Applied measurement standards (harmonised standards and/or other standards).
Identification and signature of the person empowered to bind the supplier	Name and signature of person responsible for the product.
Product information	<p>Product information</p> <ul style="list-style-type: none"> Rated wattage (0.1 W precision) Rated luminous flux Rated lamp life time Lamp power factor Lumen maintenance factor at the end of the nominal life Starting time (as X.X seconds) Colour rendering Nominal life time of the lamp in hours (not higher than the rated life time) Nominal lamp power and nominal luminous flux of the lamp. Number of switching cycles before premature lamp failure. Colour temperature (expressed in Kelvin) Warm-up time up to 60% of the full light output (may be indicated as "instant full light" if less than 1 second) A warning if the lamp cannot be dimmed or can be dimmed only on specific dimmers If designed for optimal use in non-standard conditions (e.g. if ambient temperature ≠ 25°C), information on those conditions should be stated Lamp dimensions in mm (length and diameter)

The lamps shall comply with the efficacy requirements in Annex II point 1 of Regulation 244/2009/ EU (except LED)

The lamps shall comply with the functionality requirements in Annex II point 2.

¹Regulation (EC) No 859/2009 is an amendment to (EC) No 244/2009 and does not include any additional requirements for content of Technical Documentation

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Demands	How to comply
	<ul style="list-style-type: none"> If equivalence with an incandescent lamp is claimed, the claimed equivalent incandescent lamp power (rounded to 1 W) shall be the value in Table 6 of Regulation (EC) No 244/2009 that corresponds to the luminous flux of the actual product The term "energy saving lamp" or similar promotional statement about lamp efficacy may only be used if the lamp complies with the efficacy requirements applicable to non-clear lamps in Stage 1 according to Table 1, 2 and 3 of Regulation 244/2009/EC
If the lamp contains mercury	<ul style="list-style-type: none"> Lamp mercury content expressed as X.X mg Instruction on how to clean up the lamp debris in case of lamp breakage and indication of website to consult for information Recommendations on how to dispose of the lamp at its end of life
Special purpose lamps	<ul style="list-style-type: none"> A list of the technical parameters that make the lamp design specific for the special purpose indicated on the packaging
Additional for LED (non-directional) According to regulation (EU) No 1194/2012	<ul style="list-style-type: none"> Colour consistency Indication if it is intended for use in outdoor or industrial applications Spectral power distribution in the range 180-800 nm For special purpose products: <ul style="list-style-type: none"> The chromaticity coordinates if the coordinates fall within the range mentioned in Regulation 1194/2012/EU Annex I point 1.
Copy of information	<ul style="list-style-type: none"> Copy of product information that must be provided (according to Regulation 244/2009/EC Annex II point 3).

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 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 (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

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