

# Qualifying requirements and procedures for A-rated compact fluorescent lamps with E14 or E27 socket listed on the Danish Energy Saving Trust's (Go' Energi) product overview

## Qualifying requirements

In order to be listed on the Danish Energy Saving Trust's (hereinafter called the Trust) product overview of recommended A-rated compact fluorescent lamp (CFL) with E14 or E27 socket and thereby be entitled to use the Energy Saving Label (Go' Energimærket), the product must conform to the following requirements, namely:

- The product must be energy labelled as energy efficiency class A in compliance with EU Commission Energy Labelling Directive 98/11/EC
- The product must have a lamp life of at least 6,000 hours
- Light efficacy requirement: The CFL should be class A in relation to EU Commission Energy Labelling Directive 98/11/EC
- Lumen maintenance requirement: After 2,000 hours the luminous flux should be not less than 85% of the initial luminous flux (lumen value stamped on the product). For lamps with an external casing (typically bulb-shape and globe) the luminous flux should be not less than 80% of the initial luminous flux
- Ignition requirement: The number of ignitions that the lamp can endure in an ignition test shall be not less than the lamp life in hours stated on the packaging. The ignition test is based on an on/off cycle of 5 minutes on and 10 minutes off until only 50% of the CFLs function (see EU's CFL Quality Charter for further information). Alternatively, an on/off cycle of 1 minute on and 3 minutes off is acceptable according to the EU Commission Regulation (EC) 244/2009 of 18 March 2009
- Colour rendering (CRI) (Ra) must be at least 80
- Colour temperature must be between 2,500 K and 3,000 K

In addition, the Danish Energy Saving Trust requires that:

- The product must comply with all other statutory requirements in Denmark
- A user manual in Danish or the Scandinavian languages must be supplied with the product
- The product must be available on the Danish market at the time that the product is included on the Trust's product overview of A-rated CFLs at [savingtrust.dk](http://savingtrust.dk)
- There must be an agent for Denmark located in the EU, who is responsible for contact with the Trust
- The producer/importer (hereinafter called the market participant) must make it possible for Danish consumers to have their enquiries dealt with by a Danish speaking contact person
- Sales figures for the product must be sent to the Danish Energy Label Secretariat (Sekretariat for Go' Energimærket) every year

## Inclusion procedure

Before the product is listed on the Trust's product overview, the market participant must forward a signed declaration. Thereafter, the market participant must forward one specimen of the light source in its original packaging together with a form (available from the Danish Energy Saving Label Secretariat) including the following information:

- Manufacturer and product name as stated on the packaging of the light source
- Energy class, luminous flux (lumen), electrical power (Watts), lamp life (hours) and socket type
- Colour temperature, colour rendering, dimensions and shape
- Mercury (Hg) content
- Date when product is available on the Danish market

Furthermore the market participant should forward the necessary signed documentation stating that the light source conforms to the above energy and quality requirements. The documentation should be based on credible tests, carried out per the relevant guidelines as specified in the following international standards: EN60969 and EN50285, EU Commission Energy Labelling Directive 98/11/EC, EU Commission Regulation (EC) 244/2009, and the EU Quality Charter for Compact Fluorescent Lamps.

If the product fulfils the requirements, the product will be added to the Trust's product overview of recommended A-rated CFLs.

### **Energy Saving Label**

Once a product is included on the Trust's product overview, retailers and the market participant have the right to use the Energy Saving Label in connection with the marketing of the product on the understanding that they have entered into a User and Product Agreement with the Trust. The individual agreements can be required from the Danish Energy Label Secretariat.

### **Conditions for inclusion on the product overview**

The market participant must inform the Trust about any product alterations, and if it is no longer sold, or is being phased out of the Danish market. A product may only be listed on the Trust's product overview as long as it remains unaltered. If the product is altered or fails a random test, it will be removed from the product overview and thereafter may not use the Energy Saving Label. If the market participant wishes to have the altered product re-listed on the product overview, the market participant must complete the application procedure again. Only the Trust can decide whether the product should be recommended again.

The Trust reserves the right to amend the qualifying requirements for inclusion on the product overview. In the event of changes to the qualifying requirements and procedures a minimum of 6 months notice will be given. Thereafter, a product will be deleted from the product overview, subject to the fact that no new documentation is delivered demonstrating that the products conform to the new requirements.

### **Additional documentation**

The Trust may at any time, and without stating a reason, request the market participant to forward additional documentation showing that the product meets the qualifying requirements. The product will be listed on the product overview once all the additional documentation has been processed and approved by the Trust. The market participant agrees to allow the Trust to pass on information to the test laboratory used by the Trust.

### **Random testing**

The Trust reserves the right to undertake random testing of products listed on the overviews of recommended A-rated CFLs. The Trust typically selects 3-20 specimens of the product(s) earmarked for testing from the warehouses or showrooms of producers, distributors or retailers. The market participant will make products to be tested available free of charge to the Trust, irrespective of the location from which they are delivered. If tests show that a product does not comply with just one of the requirements listed for inclusion on the product overview, the product will be removed from the product overview. Furthermore, in this situation the market participant may be required to pay the costs incurred by the Trust in performing the tests. These costs may not exceed DKK 50,000 excluding Danish VAT per year. The Trust has the right to distribute the test results to the relevant authorities and retailers of the products tested, as well as publish the test results via the relevant media.

### Submission of material

The material required, and any questions should be addressed to:

The Danish Energy Label Secretariat  
For and on behalf of Go' Energi  
Bredbjergvej 44  
DK-5230 Odense M  
Tel.: +45 33 95 58 37  
Fax: +45 33 95 58 23  
E-mail: [goenergimaerket@team.goenergi.dk](mailto:goenergimaerket@team.goenergi.dk)