

Self-ballasted compact fluorescent lamps (CFLs) sold or hired in New Zealand must, by law, comply with [minimum energy performance standards \(MEPS\)](#). This document outlines the requirements and how to meet them if you import or manufacture compact fluorescent lamps in New Zealand.

### **Why have MEPS for compact fluorescent lamps?**

Minimum energy performance standards (MEPS) improve the efficiency of compact fluorescent lamps saving customers on running costs and reducing greenhouse gas emissions over the life of the product.

### **Which compact fluorescent lamps are included?**

MEPS covers self-ballasted compact fluorescent lamps with integrated means for controlling starting and stable operation that are intended for domestic and similar general lighting purposes, irrespective of lamp voltage, wattages or type of lamp cap. MEPS applies to lamps that are supplied as individual lamps or part of a luminaire.

### **What do I need to do to comply with the law?**

**Importers and manufacturers of compact fluorescent lamps, are required to:**

- [Step-1](#) Ensure each lamp model has been tested to **AS/NZS 4847.1:2010** or an alternative (refer clause 5.2.2 and Appendix A of AS/NZS 4847.2:2010) and meets or exceeds the minimum energy performance levels specified in **AS/NZS 4847.2:2010**.
- [Step-2](#) Energy Rating Labelling: **N/A**
- [Step-3](#) Register each lamp model through the energy rating website.
- [Step-4](#) Provide EECA with product sales, import and export data each year.

**Retailers are required to** check their products are registered on the [energy rating website](#).

**See the questions and answers below for more information**

## Which compact fluorescent lamps are excluded?

---

MEPS does ***not*** apply to the following specialised compact fluorescent lamps that are clearly ***not*** intended for general illumination, specifically;

- CFLs with a specific colour,
- CFLs intended primarily for production of UV radiation,
- CFLs intended as insect repellent lamps,
- cold-cathode CFLs, or
- self-ballasted mixed mercury vapour lamps.

## Which standards apply?

---

**AS/NZS 4847.2:2010:** Self-ballasted lamps for general lighting services—Minimum Energy Performance standards (MEPS) requirements, except that, despite clauses 4.2 and 5.3, the standard applies, with all necessary modifications, as if the provisions concerning the option for alternative certification by the Efficient Lighting Initiative or UK Energy Saving Trust programmes that is available in Australia is also available in New Zealand. These alternative requirements are set out in clause 5.2.2 and Appendix A of AS/NZS 4847.2:2010.

**AS/NZS 4847.1:2010:** Self-ballasted lamps for general lighting services—Test methods—Energy performance.

Standards are available for purchase from [www.standards.co.nz](http://www.standards.co.nz) and for inspection at [EECA's head office](#).

## What do the requirements for compact fluorescent lamps cover?

---

The requirements cover:

- Energy performance.
- Light quality and lamp durability.
- Impacts on electricity networks and the environment (including maximum mercury levels).
- Packaging information on light quality and output, power usage, efficacy and product life.

## How can I compare a compact fluorescent lamp with incandescent lamps?

---

A CFL, for which any comparison or claim of equivalence with a GLS incandescent lamp are made, shall have a minimum initial (100 h) light output in accordance with the table below.

## Claims of Equivalence with GLS Incandescent Lamps

<b>GLS equivalence claimed</b>	<b>Minimum CFL initial output (lumens)</b>
15 W	125
25 W	229
40 W	432
60 W	741
75 W	970
100 W	1398
150 W	2253
200 W	3172

Originally extracted from: Energy Saving Trust Lamp Specification – Version 7

### **How do I register a compact fluorescent lamp on the energy rating website?**

If the compact fluorescent lamp you are about to register is already registered you are not required to register it. To check, search for the model at:

[reg.energyrating.gov.au/comparator/product\\_types](http://reg.energyrating.gov.au/comparator/product_types).

If it is not already registered download our quick start guide at:

[www.eeca.govt.nz/resource/online-product-registration-guide](http://www.eeca.govt.nz/resource/online-product-registration-guide).

If you haven't used the [energyrating.gov.au](http://energyrating.gov.au) website before, follow these instructions:

**Step 1** Open the registration page: [reg.energyrating.gov.au/accounts/register](http://reg.energyrating.gov.au/accounts/register).

**Step 2** Create an account and log in.

**Step 3** Create an applicant, add contact people etc. as required.

**Step 4** Create a new product registration (you will need a test report).

**Step 5** Select 'CFL Lamp (CF)'.

**Step 6** Follow the steps until all fields are complete.

**Step 7** Once submitted you will be e-mailed a Registration ID. Record this as you will need it to provide sales data each year.

### **What information do I need to provide to EECA each year and how do I do it?**

Importers and manufacturers are required, by law, to provide statistical information on sales, import and export data annually to EECA.

Data needs to be submitted every year by 1 August, for the period 1 April to 31 March. For example, data from 1 April 2013 to 31 March 2014 must be received by 1 August 2014. The information is submitted through the EECA website where you need to:

**Step 1** Set up a user account at [www.eeca.govt.nz/webform/request-user-account](http://www.eeca.govt.nz/webform/request-user-account).

**Step 2** Once approved, log in at [www.eeca.govt.nz/user/register/supplier/login](http://www.eeca.govt.nz/user/register/supplier/login).

**Step 3** When logged in follow the links and instructions for the EECA sales data return tool.

**Step 4** Enter your product data - you will need your Registration ID number - the following information is required for each registered model:

- Sales in New Zealand between 1 April and 31 March.
- Imports into New Zealand between 1 April and 31 March.
- Exports from New Zealand between 1 April and 31 March.

### **Where do I get additional information?**

---

More information about regulated products and how to meet your legal obligations can be found at [www.eeca.govt.nz/product-standards](http://www.eeca.govt.nz/product-standards).

See the [running costs calculator](#) to find out how choosing a higher star rating can reduce the running costs of products.

There is also information on the energy rating website at [www.energyrating.gov.au](http://www.energyrating.gov.au).

If you have any questions, please email us at [compliance@eeca.govt.nz](mailto:compliance@eeca.govt.nz), or phone EECA on **0800 358 676**.