

AS/NZS 4847.1(Int):2008  
**Expires 28 March 2010**

AS/NZS 4847.1(Int):2008

Interim  
Australian/New Zealand Standard™

**Self-ballasted lamps for general lighting  
services**

**Part 1: Test methods—Energy  
performance**



### **AS/NZS 4847.1(Int):2008**

This Joint Australian/New Zealand Interim Standard was prepared by Joint Technical Committee EL-041, Lamps and Related Equipment. It was approved on behalf of the Council of Standards Australia on 18 February 2008 and on behalf of the Council of Standards New Zealand on 29 February 2008.  
This Standard was published on 28 March 2008.

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The following are represented on Committee EL-041:

Australian Electrical and Electronic Manufacturers Association  
Australian Greenhouse Office, Department of the Environment and Water Resources  
Consumers' Federation of Australia  
Electrical Compliance Testing Association  
Energy Efficiency and Conservation Authority of New Zealand  
Institution of Professional Engineers New Zealand  
National Appliance and Equipment Energy Efficiency Committee

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## PREFACE

This Interim Standard was prepared by the Joint Standards Australia/Standards New Zealand constituted Subcommittee EL-041-08, Lamps and Lighting Equipment—Energy Performance to complement the testing requirements specified in AS/NZS 60969.

The objective of this part of the Interim Standard is to specify test methods for key performance attributes of self-ballasted compact fluorescent lamps (CFLs) that have integrated means for starting, controlling and stable operation. Part 2 of this Interim Standard is intended to cover Minimum Energy Performance Standards requirements with compliance values or limits.

This Interim Standard is structured to be suitable for reference in minimum performance standards legislation.

The Standard consists of the following parts:

### AS/NZS

- 4847 Self-ballasted fluorescent lamps for general lighting services
- 4847.1 Part 1: Test methods—Energy performance (this Interim Standard)
- 4847.2 Part 2: Minimum Energy Performance Standards requirements

This series of Interim Standards is published with the approval of the combined state and territory energy regulatory authorities in Australia and the New Zealand energy efficiency regulatory authority who approve the Standard prior to its publication.

It is hoped that this part of the Standard will help in the formation of a new international Standard for test methods. The feedback will be incorporated into this Interim Standard based on international review.

Standards Australia/Standards New Zealand invite comments on this Interim Standard from persons and organizations concerned with this subject. The closing date for comment is 6 months after publication. The date of expiry is two years after publication. After the closing date for comment, the Committee will consider revising the Standard in the light of public comment, with a view to the publication of a Joint Australian/New Zealand Standard before the expiry date. Please forward all comments to the Projects Manager of Committee EL-041-08.

Attention is drawn to the fact that this document is an Interim Joint Australian/New Zealand Standard only and should be regarded as a developmental Standard and liable to future alteration.

The terms ‘normative’ and ‘informative’ are used in this Interim Standard to define the application of the Appendix to which they apply. A normative appendix is an integral part of a Standard, whereas an informative appendix is for information and guidance.

Statements expressed in mandatory terms in notes to figures, are deemed to be requirements of this Interim Standard. ‘Shall’ indicates a requirement is mandatory, while ‘should’ indicates a recommendation and good practice.

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