

AS/NZS 4934.2(Int):2008
Expires 7 April 2010

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Interim
Australian/New Zealand Standard™

**Incandescent lamps for general lighting
services**

**Part 2: Minimum Energy Performance
Standards (MEPS) requirements**



AS/NZS 4934.2(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 7 March 2008 and on behalf of the Council of Standards New Zealand on 18 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
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 Committee EL-041, Lamps and Related Equipment with contributions from the Subcommittee EL-041-08, Lamps and Lighting Equipment—Energy Performance.

The objective of this Interim Standard is to specify the Minimum Energy Performance Standards (MEPS) requirements for General Lighting Service (GLS) lamps and certain types of halogen lamps sold in Australia and New Zealand.

This Interim Standard is structured to allow common requirements in Australia and New Zealand and is suitable for reference within minimum energy performance standards legislation.

This Interim Standard consists of the following parts:

AS/NZS

4934 Incandescent lamps for general lighting services

4934.1 Part 1: Test methods—Energy performance

4934.2 Part 2: Minimum Energy Performance Standards requirements (MEPS) (this Interim Standard)

This series of Interim Standards are published with the approval of the combined state and territory energy regulatory authorities in Australia and the New Zealand energy efficiency regulatory authority. In Australia and New Zealand, the MEPS requirements for incandescent lamps are being introduced in stages from 2008 onwards. A technical report of the phase-out of incandescent lamps is available at <http://www.energyrating.gov.au/library/pubs/200718-phaseout-incandescent-lamps.pdf>

This Interim Standard is effective from the date of publication. The effective date of legislative and regulatory requirements are yet to be determined.

However for indicative purposes, the following table outlines the contemplated time frames in Australia:

Products required to comply with this Interim Standard	Protected enforcement date for import (subject to annual review)	Protected enforcement date for sale (subject to annual review)
GLS ELV halogen non-reflector	October 2008	October 2009
>40 W candle, fancy round and decorative lamps Mains voltage halogen non-reflector except G9 base ELV halogen reflector	October 2009	October 2010
Mains voltage reflector lamps including halogen (PAR, ER, R, etc.) >25 W candle fancy round and decorative lamps	October 2011	October 2012

Pilot lamps—25 W and below	To be determined dependent on availability of efficient replacement product
All incandescent lamps	Beyond 2015

Standards Australia/Standards New Zealand invite comments on this Interim Standard from persons and organisations 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 Subcommittee EL-041-08.

During the life of this document, the committee will monitor all comment as it is received.

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 figure and tables, are deemed to be requirements of this Interim Standard. ‘Shall’ indicates a requirement is mandatory, while ‘should’ indicates a recommendation.

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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Australian/New Zealand Standard
Incandescent lamps for general lighting services

Part 2: Minimum Energy Performance Standards (MEPS) requirements

1 SCOPE AND GENERAL**1.1 Scope****1.1.1 General**

This Interim Standard specifies requirements for Minimum Energy Performance Standards (MEPS) and other requirements for incandescent lamps (the attributes of which are described in Clauses 1.1.2 to 1.1.10), both tungsten filament and tungsten halogen.

1.1.2 GLS

These lamps have the following attributes:

- (a) Shapes: A50-A65, PS50-PS65, M50-M65, T50-T65 (as generally outlined in IEC 60630) or E50-E65.
- (b) Caps: E14, E26, E27, B15 or B22d.
- (c) Nominal voltage ≥ 220 V.
- (d) Nominal wattage < 150 W.
- (e) Not including primary coloured lamps.

1.1.3 ELV halogen non-reflector

These lamps have the following attributes:

- (a) Tungsten halogen lamp burner.
- (b) Shapes: single-ended capsule, non-reflector.
- (c) Caps: bi-pin.
- (d) Nominal voltage: 5–14 V inclusive.

1.1.4 Candle

These lamps have the following attributes:

- (a) Shapes: candle or B (as generally outlined in IEC 60630) including twisted and bent-tip candle.
- (b) Caps: E14, E26, E27, B15 or B22d.
- (c) Nominal voltage > 220 V.
- (d) Not including primary coloured lamps.

1.1.5 Fancy round

These lamps have the following attributes:

- (a) Shapes: round, P (as generally outlined in IEC 60630), G or globe.
- (b) Caps: E14, E26, E27, B15 or B22d.
- (c) Nominal voltage > 220 V.
- (d) Not including primary coloured lamps.