

AS/NZS 3350.2.27:1996
(Incorporating Amendment Nos 1, 2 and 3)

AS/NZS 3350.2.27:1996

Australian/New Zealand Standard™

**Safety of household and similar
electrical appliances**

**Part 2.27: Particular requirements—
Appliances for skin exposure to
ultraviolet and infrared radiation
(IEC 60335-2-27:1995, MOD)**



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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-002, Safety of Household and Similar Electrical Appliances and Small Power Transformers. It was approved on behalf of the Council of Standards Australia on 29 July 1996 and on behalf of the Council of Standards New Zealand on 19 August 1996.

This Standard was published on 5 October 1996.

The following are represented on Committee EL-002:

Association of Certification Bodies
Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Canterbury Manufacturers Association New Zealand
Consumer Electronic Suppliers Association, Australia
Electrical regulatory authorities, Australia
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This Standard was issued in draft form for comment as DR 95347.

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Safety of household and similar electrical appliances

Part 2.27: Particular requirements— Appliances for skin exposure to ultraviolet and infrared radiation (IEC 60335-2-27:1995, MOD)

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL/2, Electrical Approvals Standards to supersede AS 3315—1992/NZS 6327:1992, *Approval and test specification—Particular requirements for ultra-violet and infra-red radiation skin treatment appliances for household and similar use*, 2 years from publication. During this period it is anticipated that regulatory authorities will approve appliances to either Standard.

This Standard incorporates Amendment No. 1 (December 1998), Amendment No. 2 (March 2001) and Amendment No. 3 (May 2007). The changes required by the amendments are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected. Where an application date other than immediate is applicable to an amendment the date of application (DOA) is indicated by the marginal bar against the part affected or by a footnote relating to the part affected.

The objective of this Standard is to provide manufacturers and regulatory bodies with minimum safety requirements, designed to give user protection against hazards that might occur during normal operation and abnormal operation of the appliance and, which may be used as the basis for approval for sale or connection to supply in Australia and New Zealand.

This Standard forms the first edition of AS/NZS 3350.2.27, *Safety of household and similar electrical appliances, Part 2.27: Particular requirements—Appliances for skin exposure to ultraviolet and infrared radiation*.

This Standard is technically equivalent to and reproduced from the third edition of IEC 60335-2-27:1995, *Safety of household and similar electrical appliances, Part 2.27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation* including its Amendment 1. It is to be used in conjunction with the latest edition of AS/NZS 3350.1, *Safety of household and similar electrical appliances, Part 1: General requirements* and its Amendments. It was established on the basis of AS/NZS 3350.1:2002.

This Standard (Part 2) supplements or modifies the corresponding clauses in AS/NZS 3350.1 (referred to as Part 1 in this Part 2) so as to convert it into the Joint Australian/New Zealand Standard for the safety of appliances for skin exposure to ultraviolet and infrared radiation.

Where a particular clause of Part 1 is not mentioned in this Part 2, that clause applies as far as is reasonable. Where this Standard states 'addition' or 'modification' or 'replacement', the relevant text of Part 1 is to be adapted accordingly.

In this Standard the following print types are used:

- Requirements: in arial type
- *Test specifications: in italic type*
- Notes: in small roman type

Words in **bold** are defined in Clause 2. Where a definition of Part 1 contains an adjective, the adjective and associated noun are **bold** in this Part 2.

Clauses, subclauses, notes, tables and figures which are additional to those in Part 1 are numbered starting from 101. Annexes which are additional to those in Part 1 are lettered AA, BB and so on.

A number of variations have been made in this Standard to the requirements of IEC 335-2-27:1995. These variations are necessary to take into account specific national circumstances such as climate and supply characteristics that affect the safety of electrical appliances used in both Australia and New Zealand. These variations are indicated throughout this Standard by a marginal bar located adjacent to the varied text or figure. Descriptions of these variations are to be found in Annex ZZ of this Standard.

These variations also form the Australian and New Zealand national variations for purposes of the IECEE scheme for recognition of testing to Standards for safety of electrical equipment (the CB Scheme).

The term 'normative' has been used in this Standard to define the application of the annex to which it applies. A 'normative' annex is an integral part of a Standard.

The numbering of clauses, subclauses, notes, tables, figures and annexes follows that of IEC 335-2-27:1995. To allow for the introduction of additional material by the IEC, the numbers 101 to 200 have been reserved. To allow for additional material to be introduced by Australia and New Zealand, the numbers 201 to 300 are used to number further clauses, subclauses, notes, tables and figures in Part 1 and the numbers 301 to 400 are used to number further clauses, subclauses, notes, tables and figures in this Part 2. Additional annexes are lettered ZA, ZB and so on. This scheme has been introduced to reduce the likelihood of the IEC and Australia and New Zealand using the same identifier for different purposes.

As this Standard is reproduced from an international Standard the following applies:

Its number does not appear on each page of text and its identity is shown only on the cover and title page.

In the source text 'this International Standard' should read 'this Australian/New Zealand Standard'.

A full point substitutes for a comma when referring to a decimal marker.

References to international Standards should be replaced by equivalent Australian or Joint Australian/New Zealand Standards as follows:

NOTE: Where no relevant New Zealand Standard is listed, the referenced Australian Standard is deemed to be appropriate for the purpose of this Standard.

<i>Reference to International Standard</i>		<i>Australian/New Zealand Standard</i>
IEC		AS/NZS
400	Lampholders for tubular fluorescent lamps and starter holders	—
598	Luminaires	—
598.1	Part 1: General requirements and tests	

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