Australian/New Zealand Standard™

Lamp controlgear
Part 1: General and safety requirements (IEC 61347-1:2000, MOD)

Standards Australia

STANDARDS NEW ZEALAND
Paerewa Aotearoa

This Joint Australian/New Zealand 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 30 July 2002 and on behalf of the Council of Standards New Zealand on 24 July 2002. It was published on 27 August 2002.

The following are represented on Committee EL-041:

Association of Consulting Engineers, Australia
Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Consumer Federation of Australia
Electrical Compliance Testing Association of Australia
Energy Efficiency and Conservation Authority of New Zealand
Illuminating Engineering Society of Australia and New Zealand
Ministry of Economic Development, New Zealand
Electrical Regulatory authorities council (Australia)
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We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of either Standards Australia International or Standards New Zealand at the address shown on the back cover.

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-041, Lamps and related equipment.

The objective of this Standard is to provide the lighting industry with electrical safety requirements for lamp controlgear for use on d.c supplies up to 250 V and a.c. supplies up to 1000 V ac. at 50 Hz or 60 Hz.

This joint Standard has been reproduced from IEC 61347-1:2000, *Lamp controlgear—General and safety requirements* and modified for Australian/New Zealand conditions.

AS/NZS variations to IEC 61347.1 are identified separately. Strikethrough (~~example~~) identifies the IEC tables, figures and passages of text which, for the purposes of this Australian/New Zealand Standard, are deleted. Where Australian/New Zealand tables, figures or passages of text are added, each is set in its proper place and identified by shading (example). Added figures are not themselves shaded, but are identified by a shaded border.

This Standard is a section of Part 1 of a series dealing with Lamp controlgear. Particular requirements are covered in Part 2 and the following sub-parts have been adopted and published as Australian/New Zealand Standards. Additional parts will be added from time to time.

AS/NZS 61347	Lamp controlgear
Part 1:	General and safety requirements (this Standard)
Part 2.1:	Particular requirements for starting devices (other than glow starters)
Part 2.4:	Particular requirements for d.c. supplied electronic ballasts for general lighting
Part 2.5:	Particular requirements for d.c. supplied electronic ballasts for public transport
Part 2.6:	Particular requirements for d.c. supplied electronic ballasts for aircraft lighting

As this Standard is reproduced from an International Standard, the following applies:

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

(b) A full point should be substituted for a comma when referring to a decimal marker.

(c) In reference to clauses in this Standard, equivalent AS/NZS Standard is substituted for IEC wherever applicable.

In this Standard, the following print types are used:

– requirements proper: in arial type;

– *test specifications: in italic type;*

– explanatory matter: in smaller arial type.

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.

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