AS/NZS 3140:2014
(Incorporating Amendment No. 1)

AS/NZS 3140:2014

Australian/New Zealand Standard™

Approval and test specification—Edison screw lampholders

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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 3 September 2014 and on behalf of the Council of Standards New Zealand on 10 November 2014.
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The following are represented on Committee EL-041:

Australasian Fire and Emergency Service Authorities Council
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Consumers Federation of Australia
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Electrical Compliance Testing Association
Electrical Regulatory Authorities Council
Energy Efficiency and Conservation Authority of New Zealand
Fair Traiding NSW
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-041, Lamps and Related Equipment, to supersede AS/NZS 3140:2007, *Approval and test specification—Edison-type screw lampholders*, on publication.

This Standard incorporates Amendment No. 1 (December 2015). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

A1 | This Standard will co-exist with AS/NZS 60238, *Edison screw lampholders (IEC 60238, Ed. 8.0 (2004) MOD)*. While both this Standard and AS/NZS 60238 remain current, the requirements of the two Standards are not allowed to be mixed, unless otherwise stated exclusively in either Standard.

For the purposes of approval, lampholders complying with AS/NZS 60238 are deemed to comply with this Standard.

The objective of this Standard is to provide approval and test specifications for Edison screw lampholders for the purposes of safety and approval for sale in Australia and New Zealand.

This Standard is one of a series of approval and test specifications to be read in conjunction with AS/NZS 3100, *Approval and test specification—General requirements for electrical equipment*. The purpose of this series is to outline the conditions that have to be met to secure approval for the sale and use of electrical equipment in Australia and New Zealand. Only safety matters and related conditions are covered.

The essential safety requirements in AS/NZS 3820, *Essential safety requirements for electrical equipment*, that could be applicable to Edison screw lampholders are covered by this Standard, taken in conjunction with any other relevant requirements affecting safety.

The principal differences between this and the previous edition are as follows:

(a) The text of the Standard has been updated to align with the most recent editions of the referenced documents.

(b) The text of Clause 14.2, *Resistance to flame and ignition*, has been corrected to align it with the resistance to flame and ignition tests of AS/NZS 60598.1, *Luminaires*, Part 1: *General requirements and tests (IEC 60598-1, Ed. 7.0 (2008) MOD)*.

This Standard does not purport to include all the necessary provisions of a contract.

The term 'informative' has been used in this Standard to define the application of the appendix to which it applies. An 'informative' appendix is only for information and guidance.

Statements expressed in mandatory terms in footnotes to tables are deemed to be requirements of this Standard.

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1 SCOPE AND REFERENCED DOCUMENTS

1.1 Scope

This Standard specifies requirements and tests for Edison screw lampholders intended for use in direct current (d.c.) or alternating current (a.c.) circuits at low or extra-low voltages.

1.2 Referenced documents

The following documents are referred to in this Standard:

AS
2325 Tungsten filament lamps for general service—Performance requirements

AS/NZS
3100 Approval and test specification—General requirements for electrical equipment

3121 Approval and test specification—Insulating mouldings

3133 Approval and test specification—Air-break switches

60238 Edison screw lampholders

60598 Luminaires
60598.1 Part 1: General requirements and tests (IEC 60598-1, Ed. 7.0 (2008) MOD)
60598.2.4 Part 2.4: Particular requirements—Portable general purpose luminaires

60695 Fire hazard testing
60695.10.2 Part 10.2: Abnormal heat—Ball pressure test

61058 Switches for appliances
61058.1 Part 1: General requirements (IEC 61058-1, Ed. 3.1 (2000), MOD)

IEC
60061 Lamp caps and holders together with gauges for the control of interchangeability and safety
60061-1 Part 1: Lamp caps
60061-2 Part 2: Lampholders
60061-3 Part 3: Gauges

60112 Method for the determination of the proof and the comparative tracking indices of solid insulating materials

2 DEFINITIONS

For the purpose of this document, the following definitions apply:

2.1 Batten lampholder

A lampholder incorporating a base designed for fixing directly to a surface.

2.2 Cord-grip lampholder

A lampholder which incorporates means for effectively anchoring a supply flexible cord.

NOTE: 'Cord-grip' does not necessarily imply gripping of the flexible cord sheathing or insulated cores. Effective anchorage may be achieved by other methods, e.g. a tortuous path of the cores of the flexible cord.