

Australian/New Zealand Standard™

**Approval and test specification—
Edison-type screw lampholders**



AS/NZS 3140:2007

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 8 December 2006 and on behalf of the Council of Standards New Zealand on 15 December 2006.
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The following are represented on Committee EL-041:

Association of Consulting Engineers, Australia
Australian Electrical and Electronic Manufacturers Association
Australian Industry Group
Certification Interests (New Zealand)
Consumers' Federation of Australia
Electrical Compliance Testing Association
Electrical Regulatory Authorities Council
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-041, Electrical Accessories to supersede AS 3140—1994 on publication. This Standard will co-exist with AS/NZS 60238 until 30 December 2016, on which date this Standard will be withdrawn. While both the above Standards remain current, the requirements from either Standard are not allowed to be mixed, unless otherwise stated exclusively in either Standard.

The objective of this Standard is to provide approval and test specifications for Edison-type screw lampholders that must be satisfied to secure approval for sale and use in Australian and New Zealand for safety-related matters.

This Standard satisfies the requirements covered in AS/NZS 3820, *Essential safety requirements for low voltage equipment*.

For the purposes of approval, lampholders complying with AS/NZS 60238 are deemed to comply with AS/NZS 3140.

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.

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

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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Australian/New Zealand Standard**Approval and test specification—Edison-type screw lampholders****1 SCOPE**

This Standard applies to Edison-type screw lampholders intended for use in direct or alternating current (a.c.) circuits at low or extra-low voltages.

2 APPLICATION**2.1 General requirements of AS/NZS 3100**

This Specification shall be read in conjunction with AS/NZS 3100 and the appropriate provisions of AS/NZS 3100 shall apply to the construction of the lampholder and to the insulation and safeguarding of parts which normally carry current.

2.2 Specific requirements of this specification

A lampholder shall be deemed to comply with this Specification only if it complies with all the appropriate requirements of this Specification and passes the tests specified herein.

3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

2325 Tungsten filament lamps for general service—Performance requirements

AS/NZS

3100:2002 Approval and test specification—General requirements for electrical equipment

3121 Approval and test specification—Insulating mouldings

3133 Approval and test specification—Air break switches

3820 Essential safety requirements for low voltage electrical equipment

60112:2003 Method for the determination of the proof and the comparative tracking indices of solid insulating materials

60238:2007 Edison screw lampholders

60598 Luminaires

60598.1:2003 Part 1: General requirements and tests

60598.2.4 Part 2.4: Particular requirements—Portable general purpose luminaires

60695 Fire hazard testing

60695.2.10:2001 Part 2.10: Glowing/hot wire based test methods—Glow-wire apparatus and common test procedure

60695.2.11 Part 2.11: Glowing/hot wire based test methods—Glow-wire flammability test method for end-products

60695.10.2 Part 10.2: Abnormal heat—Ball pressure test

IEC

60061 Lamp caps and holders together with gauges for the control of interchangeability and safety