

Australian/New Zealand Standard™

**Approval and test specification—
Bayonet lampholders**



AS/NZS 3117:2007

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
Energy Efficiency and Conservation Authority of New Zealand
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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 3117—1994 on publication. This Standard will co-exist with AS/NZS 61184 until 30 December 2016, on which date this Standard will be withdrawn. While both Standards remain current, the requirements from either Standard are not allowed to be mixed, unless otherwise stated exclusively in either Standards.

The objective of this Standard is to provide approval and test specifications for bayonet lamp holders for the purposes of safety and approval for sale in Australia and New Zealand.

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

This Standard is one of a series of Approval and Test Specifications issued by Standards Australia. These Specifications are accompanied by a general Specification AS/NZS 3100:2002, *General requirements for electrical equipment*. The purpose of these Specifications is to outline conditions which must be met to secure approval for the sale and use of electrical equipment in Australia. Only safety matters and related conditions are covered.

Lampholders complying with AS/NZS 61184 are deemed to comply with AS/NZS 3117.

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

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

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1 SCOPE

This Standard applies to 2-slot or 3-slot, or both, B22 bayonet lampholders and to bayonet lampholders of the B15 (small) designation which are intended for use in low voltage circuits.

2 APPLICATION

2.1 General requirements of AS/NZS 3100

This Standard shall be read in conjunction with AS/NZS 3100:2002, and the appropriate provisions of AS/NZS 3100:2002 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 Standard

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

3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS/NZS

3000	Electrical installations (known as the Australian/New Zealand Wiring Rules)
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
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
60695	Fire hazard testing
60695.2.10:2001	Method 2.10: Glowing/hot-wire based test methods—Glow-wire apparatus and common test procedure
60695.2.11	Method 2.11: Glowing/hot-wire based test methods—Glow-wire flammability test method for end-products
61058	Switches for appliances
61184	Bayonet lampholders
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