

Australian Standard[®]

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

This Australian Standard was prepared by Committee EL/4, Electrical Accessories. It was approved on behalf of the Council of Standards Australia on 7 June 1994 and published on 15 August 1994.

The following interests are represented on Committee EL/4:

Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Consumer Electronics Suppliers Association, Australia
Electricity Supply Association of Australia
Ministry of Commerce, New Zealand
National Electrical Contractors Association of Australia
New Zealand Manufacturers' Federation
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL/4 on Electrical Accessories to supersede AS 3140—1988.

This Standard is the result of a consensus among Australian and New Zealand representations on the Joint Committee to produce it as an Australian Standard.

Although it is published as an Australian Standard, the publishing of a Joint Standard will be considered during the next revision.

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 210, *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.

This Standard was revised to incorporate Amendment No. 1 to AS 3140—1988 and to introduce a definition and testing requirements for festoon lampholders. Minor editorial changes with regard to clause numbering have also been included.

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

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1 SCOPE This Specification applies to Edison-type screw lampholders intended for use in direct or alternating current circuits at low or extra-low voltages.

2 APPLICATION

2.1 General requirements of AS 3100 This Specification shall be read in conjunction with AS 3100 and the appropriate provisions of AS 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 Specification:

STANDARDS

AS	
2325	Tungsten filament lamps for general service
IEC	
238	Edison screw lampholders

APPROVAL AND TEST SPECIFICATIONS

AS	
3100	General requirements for electrical equipment
3121	Insulating mouldings
3133 (NZS/AS 3133)	Air break switches
3137	Luminaries (lighting fittings)
AS/NZS	
3128	Portable lamp standards and brackets

4 DEFINITIONS For the purpose of this Specification, the definitions below apply:

4.1 Pattern lampholder—a lampholder incorporating a base designed for fixing directly to a surface.

4.2 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.

4.3 Edison screw lampholder—a lampholder intended for the connection of lamps having 'Edison screw' caps complying with the relevant requirements of IEC 238.