AS 61184:2022

Australian STANDARD®

STANDARDS Australia

Bayonet lampholders (IEC 61184:2017 (ED. 4.1) MOD)

AS 61184:2022

This Australian Standard ® was prepared by EL-041, Lamps and Related Equipment. It was approved on behalf of the Council of Standards Australia on 20 April 2022.

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The following are represented on Committee EL-041:

Australian Industry Group
Better Regulation Division (Fair Trading, Safework NSW, TestSafe)
CHOICE
Consumer Electronics Suppliers Association
Consumers Federation of Australia
Department of Industry, Science, Energy and Resources (Australian Government)
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Originated as AS/NZS 61184:2007.
Revised and redesignated as AS 61184:2015.
Third edition 2022.

Preface

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee, EL-041, Lamps and Related Equipment, to supersede AS 61184:2015, *Bayonet lampholders (IEC 61184, Ed. 3.1 (2011) MOD)*.

AS 61184:2015 will also remain current for three years after the date of publication of this document and after this time it will be superseded by AS 61184:2022. Regulatory authorities that reference this document in regulation may apply these requirements at a different time. Users of this document should consult with these authorities to confirm their requirements.

This document will also operate in parallel with AS/NZS 3117, *Approval and test specification—Bayonet lampholders*.

While this document (AS 61184:2022) and AS/NZS 3117 operate in parallel, they are separate stand-alone documents and the chosen Standard (i.e. AS 61184 or AS/NZS 3117) is applied in its entirety. The interchanging of requirements from each Standard is not permitted to determine overall compliance of a bayonet lampholder, except when either Standard specifically references the other Standard's requirements.

The objecti d in general pur pose lighting.

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

The major changes in this edition are as follows:

(a) Creepage and clearance — a note in Table 8 has been added in relation to tracking on glass, ceramic and other inorganic materials.

(b) The calculation method in Clause 21 for ball pressure has been deleted.

This document is an adoption with national modifications and has been reproduced from the red line version of IEC 61184:2017+AMD1:2019 CSV, *Bayonet lampholders*, and has been varied as indicated to take account of Australian conditions.

The variations listed in Appendix ZZ address issues including resistance to flame and ignition. Appendix ZZ has been added at the end of the source text.

The variations described in Appendix ZZ form the Australian variations for the purpose of the CB Scheme for recognition of testing to standards for safety of electrical equipment (the CB Scheme).

This document is structured as follows:

(i) Preface.

(ii) IEC 61184:2017+AMD1:2019 CSV (unedited red line version from the contents page to the final clause of the source document).

(iii) Appendix ZZ — Australian variations to the source document.

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Australian or Australian/New Zealand Standards that are identical adoptions of international normative references may be used interchangeably. Refer to the online catalogue for information on specific Standards.

The terms “normative” and “informative” are used in Standards to define the application of the appendices or annexes to which they apply. A “normative” appendix or annex is an integral part of a Standard, whereas an “informative” appendix or annex is only for information and guidance.

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BAYONET LAMPHOLDERS

FOREWORD

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This Consolidated version of IEC 61184 bears the edition number 4.1. It consists of the fourth edition (2017-05) [documents 34B/1898/FDIS and 34B/1905/RVD] and its amendment 1 (2019-12) [documents 34B/2030/CDV and 34B/2041A/RVC]. The technical content is identical to the base edition and its amendment.

In this Redline version, a vertical line in the margin shows where the technical content is modified by amendment 1. Additions are in green text, deletions are in strikethrough red text. A separate Final version with all changes accepted is available in this publication.

International Standard IEC 61184 has been prepared by subcommittee 34B: Lamp caps and holders, of IEC technical committee 34: Lamps and related equipment.

This fourth edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) Restructuring of the standard in accordance with IEC Directives Part 2.

b) Clause 18: Update on creepage distances and clearances;

c) Addition of Annex B.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

In this standard, the following print types are used:

– requirements proper: in roman type;

– *t*

– r

The committee has decided that the contents of the base publication and its amendment will remain unchanged until the stability date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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