



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

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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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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will also remain current for three years after the date of publication of this document and after this time it will be superseded by AS 61184:2022.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 standalone 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 This is a preview. Click here to purchase the full publication. d in general purpose naments.

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.

As this document has been reproduced from an International Standard, a full point substitutes for a comma when referring to a decimal marker.

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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CONTENTS

FOR	EWORD	4
INTF	RODUCTION	6
INTF	RODUCTION to Amendment 1	6
1	Scope	7
2	Normative references	7
3	Terms and definitions	8
3	.1 Materials	8
3	.2 Means of fixing	9
4	General requirements	13
5	General conditions for tests	13
6	Standard ratings	14
6	.1 Standard rated voltage	14
6	2 Standard rated currents This is a provious Click have to purchase the full publication	7 15
7	This is a preview. Click here to purchase the full publication.	
8	Marking	
9	Dimensions	
10	Protection against electric shock	
11	Terminals	
12	Provision for earthing	22
13	Construction	
14	Switched lampholders	28
15	Moisture resistance, insulation resistance and electrical strength	
16	Mechanical strength	31
17	Screws, current-carrying parts and connections	
18	Creepage distances and clearances	35
19	General resistance to heat	37
20	Resistance to heat, fire and tracking	41
21	Resistance to excessive residual stresses (season cracking) and to rusting	43
Anne	ex A (normative) Season cracking/corrosion test	61
Α	.1 General	61
	.2 Test cabinet	
	.3 Test solution	
	.4 Test procedureex B (informative) Schedule of amended clauses and subclauses containing more	62
	ous/critical requirements which require products to be retested	63
	ography	
Figu	re 1 – Loading device (see 16.1)	44
	re 2 – Bending apparatus (see 16.4)	
•	re 3 – Gauge for holes for backplate lampholders screws (see 13.11)	
•	re 4 – Clarification of some of the definitions in Clause 3	
	re 5 – Test cap B15d (see 19.3)	

Figure 6 – Test cap B22d (see 19.3)	49
Figure 7 – Testing device (see 10.1)	50
Figure 8 – Dimensions for shade support devices (see 9.1)	51
Figure 9 – Dimensions for protective shields for B22d lampholders (see 10.1)	52
Figure 10 – Test cap B15d (see 15.3)	53
Figure 11 – Test cap B22d (see 15.3)	54
Figure 12 – Typical apparatus for the heating test (see 19.5)	56
Figure 13 – Nipple thread for lampholders – Basic profile and design profile for the nut and for the screw	56
Figure 14 – Gauges for metric thread for nipples	57
Figure 15 – Impact-test apparatus	58
Figure 16 – Mounting support	59
Figure 17 – Ball-pressure test apparatus	59
Figure 18 – Pressure apparatus	60
This is a preview. Click here to purchase the full publication.	
Table 2 – Minimum dimensions of pillar type terminals	
Table 3 – Limits for contact forces	
Table 4 – Pull and torque values	27
Table 5 – Heights of fall	
Table 6 – Maximum deformation values	34
Table 6 – Maximum deformation values	
	35
Table 7 – Torque values	35 36
Table 7 – Torque values Table 8 – Minimum distances for AC (50/60 Hz) sinusoidal voltages – Impulse withstand category II	35 36 37
Table 7 – Torque values Table 8 – Minimum distances for AC (50/60 Hz) sinusoidal voltages – Impulse withstand category II Table 9 – Heating cabinet temperature	35 36 37

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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;
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- replaced by a revised edition, or
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