

ANSI_IEC C78.60432:1-2003

Revision of ANSI_IEC C78.60432:1-2002

American National Standard

for Electric Lamps Incandescent Lamps— Safety Specifications

Part 1: Tungsten Filament Lamps for Domestic and Similar General Lighting Purposes

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American National Standard

Approved: December 29, 2003 Secretariat: ANSLG -National Electrical Manufacturers Association

for electric lamps

--Incandescent Lamps— Safety Specifications

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Foreword *(This foreword is not part of ANSI/IEC C78.60432:1-2003)*

Suggestions for improvement of this standard should be submitted to the Secretariat C78, American National Standard Lighting Group (NEMA), 1300 North 17th Street, Suite 1847, Rosslyn, VA 22209.

This standard was processed and approved by Accredited Standards Committee on Electric Lamps, C78, and its Working Group, C78 WG 01. Working Group approval of the standard does not necessarily imply that all working group members voted for that approval.

Information concerning approval of this standard is based on the documents listed in the table below.

	CDV	RV
2nd Edition	CDV C78(1)_4123	RV 78(1)_4124

David T. Mullen, Chairman, C78
David T. Mullen, Technical Coordinator
Randolph N. Roy, Senior Editor
Matthew C. Clark, Coordinating Editor

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Chapter 1

United States of America's

Deviations to

IEC 60432-1 - 1999

1 General notes:

In North America the word "cap" is commonly known as base.

The following bases (caps) are not used in the United States:
B22d, E14, E26/25, E27, and E27/51x39

2 Deviations affecting clause 1.2 – Normative References

Replace IEC 60061-1 with:
ANSI C81.61-1990(R1996) *Electric Lamp Bases*

Replace IEC 60061-3 with:
ANSI C81.63-1991 (R1996) *Gauges for Electric lamp bases and lampholders*

Replace IEC 60064 with:
ANSI C78.20-2003 *Incandescent lamps – A, G, PS, and similar shapes with E26 Medium screw bases,*
and
C78.21-2003 *Incandescent lamps – PAR and R shapes, and C78.23-1995 Incandescent lamps — miscellaneous types.*

Replace IEC 60598-1 with:
UL1598 Luminaires

Replace IEC 60887 with:
ANSI C79.1-2002 *Nomenclature for glass bulbs –Intended for use with electric lamps*

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3 Deviation affecting Clause 2.5.3 – resistance to heat

This heated torque test is not required in the United States.

4 Deviation affecting Table 2

The limits for E26/24 lamps in Table 2 do not apply. Instead, limits given in the tables of C78.20 and C78.21 shall apply.

5 Deviation affecting Table 5

The gauges listed for E26, E26d are incorrect and shall not be used. The following pages shall be used for the E26, E26d, & E26/50x39:
Maximum dimensions for screw thread 7006-27D
Minimum major diameter of screw thread 7006-29L

6 Deviations affecting Annex B – Packaging marking symbols

The symbols in this annex are not required in the United States.

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Chapter 2

IEC 60432-1 : 1999

Incandescent Lamps—
Safety Specifications—

Part 1 :
Tungsten Filament Lamps for Domestic and Similar General Lighting Purposes

The reference IEC standard is not included in this document and must be obtained separately.

IEC standards are available through the US National Committee of ANSI or IEC. This information is offered for your convenience.

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