



ANSI/NEMA C82.12-1999

American National Standard for Lamp Ballasts - Fluorescent Adapters



National Electrical Manufacturers Association
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AMERICAN NATIONAL STANDARD



ANSI C82.12-1999

American National Standard

**for Lamp Ballasts—
Fluorescent Adapters**



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American National Standard

Approved March 18, 1999

Secretariat: National Electrical Manufacturers Association

For Lamp Ballasts— Fluorescent Adapters

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American National Standard

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Foreword (This Foreword is not part of ANSI C82.12-1999.)

Suggestions for improvement of this standard should be submitted to the Secretariat C82, American National Lighting Group of the National Electrical Manufacturers Association, 1300 North 17th Street, Suite 1847, Rosslyn, VA 22209.

This standard was processed and approved by Accredited Standards Committee on Electric Lamps, C82, and its Sub-Committee, C82-1. Committee approval of the standard does not necessarily imply that all committee members voted for that approval. At the time it approved this standard, the C82 Committee had the following members:

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Ken Denton, Technical Coordinator
Randolph N. Roy, Secretariat
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For Lamp Ballasts

1 Scope

This standard is intended to cover fluorescent lamp adapters rated for 120 and 127 volt, 60 hertz input and for use with Edison-screw lampholders. This comprises adapters for hot-cathode fluorescent lamps, with either preheat (switch)-start, rapid-start (continuously heated cathodes), modified rapid start or programmed start. The adapter and lamp combinations covered by this specification are normally intended for use in room ambient temperatures of 10°C to 40°C. At ambient temperatures outside this range, the performance may vary outside the values given in this document and certain special operating characteristics may be required.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this American National Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this American National Standard are encouraged to investigate the possibility of applying the most recent edition of the standards indicated below.

ANSI/NFPA No. 70-1993, National Electrical Code

ANSI/IEEE C62.41-1980 (R1985), Guide for Surge Voltages in Low-Voltage AC Power Circuits

ANSI C78.1-1991 (R1996) C78.2-1991 (R1996), C78.3-1991 (R1996), C78.4-1995, American National Standards for Dimensional and Electrical Characteristics of Fluorescent Lamps

ANSI C82.2-1984 (R1995), American National Standard Methods of Measurement of Fluorescent Lamp Ballasts

ANSI C82.3-1983 (R1995), American National Standard Specification for Fluorescent Lamp Reference Ballasts

ANSI C82.11-1993 (R1998), American National Standard for Lamp Ballasts—High Frequency Fluorescent Lamp Ballasts

US Code of Federal Regulations #47, Chapter 18. (Federal Communications Commission Requirements for RFI)

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