



ANSI/NEMA C78.1421-2002

American National
Standard for
Dimensions and
Centering Systems for
Projection Lamps - 35
mm Integral Reflector,
Rim Reference Lamps
with GZ4 Bases



National Electrical Manufacturers Association
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American National Standard

Approved: April 24, 2002

Secretariat: ANSLG-- National Electrical Manufacturers Association

Electric Lamps

Dimensions and Centering Systems for Projection Lamps - 35mm Integral Reflector Rim Referencing Lamps with GZ4 Bases

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American National Standard

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FOREWORD (This Foreword is not part of ANSI C78.1421-2001)

Suggestions for improvement of this standard will be welcome. They should be sent to the Secretariat, C78 Committee, National Electrical Manufacturers Association, 1300 North 17th Street, Suite 1847, Rosslyn, VA 22209. This standard was processed and approved for submittal to ANSI by Accredited Standards Committee on Electric lamps, C78, and it's subcommittee, C78-1. Approval of the standard does not necessarily imply that all committee members voted for its approval. Information concerning the approval of this standard is based on the documents listed in the table below:

LB	RV
C78(1)/3872	C78(1)/3873

At the time of publications the C78 committee consisted of the following members:

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Bernie Rachel, Technical Coordinator
 Randolph N. Roy, Secretariat
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At the time of publications the C78-1 Sub-Committee had the following members:

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American National Standard

Dimensions and centering Systems for projection lamps - 35mm integral reflector rim reference lamps with GZ4 bases

1 Scope

This standard specifies lamp dimensions of 35mm (1.38 inch) diameter integral reflector rim reference projection lamps with GZ4 bases so that Interchangeability with the appropriate holding systems will be assured. Since lamp position is controlled at the reflector rim, centering device dimensions of lamp holding systems also specified

2 Normative References

The American National Standards that follow contain provisions, which through reference in this text constitute provisions of this Standard. At the time of publication of this Standard, edition dates of these normative reference standards were valid. However, since all standards are subject to revision, parties to agreements based on this Standard should determine and apply the most recent editions of the normative reference standards listed below.

ANSI C78.370-1997, *Method for the Designation of Photo Lamps*

ANSI C81.61-1990, *Electric Lamp Bases*

ANSI C81.63-1991, *American National Standard for Gauges for Electric Lamp Bases and Lampholders*

Other standards, which are not referred to in the text of this Standard but still may provide additional relevant information, are listed in Annex A as informative references.

3 Related Components

3.1 Identification

Projection lamps conforming to this standard should be identified with a 3-letter designation in conformance with ANSI C78.370.