



ANSI/NEMA C78.24-2001

American National
Standard for 2 in. (51
mm) Integral-Reflector
Lamps with Front
Covers and GU5.3 or
GX5.3 Bases



National Electrical Manufacturers Association
1300 North 17th Street, Suite 900 • Rosslyn, VA 22209
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American National Standard

Approved: October 10, 2001 Secretariat: ANSLG—National Electrical Manufacturers Association

for electric lamps:

Two-inch (51mm) Integral-reflector
Lamps with Front Covers
and GU5.3 or GX 5.3 Bases

Secretariat C78: American National Standards Lighting Group
National Electrical Manufacturers Association
1300 North 17th Street, Suite 1847, Rosslyn, VA 22209

Approved October 10, 2001
American National Standards Institute

ANSI C78.24-2001

Revision of ANSI C78.24-1995

American National Standard

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TABLE OF CONTENTS

Foreword	ii
1.0 Scope	1
2.0 Normative References	1
3.0 Lamp Designations	1
Annex A : Outline Drawing (Normative).....	5
Annex B: Bibliography (Informative)	9

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Foreword (This Foreword is not part of ANSI C78.24-2001.)

Suggestions for improvement of this standard should be submitted to the Secretariat C78, 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, C78, and its Sub-Committee, C78-1 for Incandescent Lamps. Committee approval of the standard does not necessarily imply that all committee members voted for that approval. At the time this standard was published, the C78 Committee had the following members:

Al Rousseau, Chair, C78 & Technical Coordinator

Randolph N. Roy, Secretariat

Cynthia E. Minshall, Consulting Editor

Organization Represented:

Name of Representative:

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Edison Electric Institute	William Maguire (Delegate)
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Illuminating Engineering Society	Rita M. Harrold
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MagneTek	Michael A. Stein
National Electrical Manufacturers Association	(vacant) (Delegate)
OSRAM SYLVANIA INC.	Peter Bleasby
Philips Lighting Company	Al Rousseau
Underwriters Laboratories, Inc.	David Belt

At the time it approved this standard, the C78-1 Sub-Committee had the following members:

Bernard Rachel, Chair C78-1

Organization Represented:

Name of Representative:

GE Lighting	Bernard Rachel
OSRAM SYLVANIA INC.	David Mullen
Philips Lighting Company	James Oetken (Alt.)
	Al Rousseau
	Duane Will (Alt.)
	Alejandro Seyffert (Alt.)
Underwriters Laboratories, Inc.	David Belt

for electric lamps –

Two-inch (51mm) Integral-reflector Lamps with Front Covers and GU5.3 or GX5.3 Bases

1 Scope

This standard specifies the detailed lamp dimensions for those lamps in the family of two-inch (51-mm) integral-reflector lamps with GU5.3 or GX5.3 bases and front covers. These lamps are intended for use in general lighting applications.

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 editions of the standards indicated below.

ANSI C78.1413-1989 (R94), *American National Standard for Electric Lamps - Two-Inch (51mm) Integral-Reflector - Rim Reference Projection Lamps - Dimensions of Centering Systems*

ANSI C81.61-1990 (R96), *American National Standard for Electric Lamp Bases.*

ANSI C81.62-1991 (R96), *American National Standard for Electric Lamp Holders.*

ANSI C81.63-1991 (R96), *American National Standard for Electric Lamp Bases and Lampholder Gauges.*

3. Lamp Designations

Lamp dimensions are specified in Figure 1. Only those dimensions essential to interchangeability are given. The drawn shape of the reflector and neck area are not