



ANSI/NEMA C79.1-2002

American National
Standard for
Nomenclature for Glass
Bulbs Intended for Use
with Electric Lamps



National Electrical Manufacturers Association
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American National Standard

Approved September 16, 2002

Secretariat: ANSLG National Electrical Manufacturers Association

For Electric Lamps-- Nomenclature for Glass Bulbs Intended for Use with Electric Lamps

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Foreword (This Foreword is not part of ANSI C79.1-2002.)

Suggestions for improvement of this standard should be submitted to the Secretariat C78, 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 Nomenclature for Glass Bulbs and Molded Glass Flares for Electric Lamps, C79. Committee approval of the standard does not necessarily imply that all committee members voted for that approval.

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Amendment / Change	CDV	RV
Fourth Edition	79 (1)/147	79 (1)/148

At the time it approved this standard, the ASC 79 Committee had the following members:

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AMERICAN NATIONAL STANDARD

Nomenclature for Glass Bulbs Intended for Use with Electric Lamps

1 Scope

This standard describes a system of nomenclature that provides designations for glass bulbs used as the envelopes for electric lamps. This system is shown in customary (inch-based) units and SI (metric) units.

The nomenclature system is intended for application with bulbs that originate both as parts and as stock. As a part, a bulb is assembled directly into finished lamps without major alterations. As stock, a bulb may be re-worked or altered during lamp assembly, while maintaining its basic identifying characteristics.

2 Definitions

2.1 Bulb

The outer envelope of glass or other transparent or translucent material enclosing the essential components of an electric lamp.

2.2 Approximate reference line

A construction line transverse to the axis through the neck of the bulb. It defines the approximate position at which the rim of a base, such as an Edison screw base, would meet the neck of a bulb. The sole purpose of the approximate reference line is to aid the establishment of technical definitions of bulb shapes. This line appears in figure 1 as a C-D line. No such line exists for pressed glass bulbs.

2.3 Base line or base circle

A diameter on the end portion of a bulb at the approximate point where the base seats. The concept of a base line or base circle is applicable only to double-ended tubular lamp bulbs.

2.4 Base line length

The distance between the two base lines.