



C78.1460-2004 (R2015)

American National
Standard for
Electric Lamps—
Single-Ended
Tungsten-Halogen
Lamps GZ9.5
Base, T6 Bulb,
36.5mm LCL,
76.2mm MOL
with Proximity
Reflector





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Secretariat:

National Electrical Manufacturers Association

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American National Standards Institute, Inc.

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Foreword (This foreword is not part of American National Standard C78.1460-2004)

Suggestions for improvement of this standard should be submitted to:

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

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1 Scope

This standard defines the dimensional, physical, and other characteristics to assist in the proper application of tungsten-halogen lamps with GZ9.5 bases, T6 (T19) bulbs at 36.5 mm LCL and 76.2 mm maximum overall length with internal proximity reflectors. Lamps of various wattage and voltage designs are included.

The grouping of lamps in this standard is based on general physical characteristics. It does not imply that the lamps listed are interchangeable with each other in a particular application.

Lamps included in this standard are intended for photographic projection applications.¹

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

ANSI C78.1450-1983, *Method for Life Testing Incandescent Projection Lamps*

ANSI C79.1-2002, *Nomenclature for Glass Bulbs Intended for Use with Electric Lamps*

ANSI C81.61-2003, *Electric Lamp Bases*

ANSI/IEC C78.682-1997, *Standard Method for Measuring the Seal (pinch) Temperature of Quartz Tungsten-Halogen Lamps*

3 Lamp designations

The systems for assigning lamp designations, as defined in ANSI C78.370 is commonly employed for the lamps described in this standard.

4 Physical characteristics

4.1 Base specifications

Finished lamps employing the GZ9.5 base shall comply with the requirements given in ANSI C81.61.

4.2 Bulb designations

¹ Informative: In general, the lamps in this standard are compatible with those in IEC Publication 60357.