



ANSI/NEMA C78.1504-2001

American National
Standard for Tungsten
Halogen (TH) Lamps
with P28 Bases and
55.5 mm LCL



National Electrical Manufacturers Association
1300 North 17th Street, Suite 900 • Rosslyn, VA 22209
www.NEMA.org



American National Standard

for electric lamps:

Tungsten-Halogen Lamps with P28 Bases and 55.5 mm LCL

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

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American National Standards Institute

American National Standard

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Foreword (This Foreword is not part of ANSI C78.1504-2001.)

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:

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Randolph N. Roy, Secretariat
Cynthia E. Minshall, Consulting Editor

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

Bernard Rachel, Chair C78-1

<i>Organization Represented:</i>	<i>Name of Representative:</i>
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	Ken Kempel (Alt.)

American National Standard**ANSI C78.1504- 2001**

for electric lamps --

Tungsten-Halogen Lamps with P28 Bases and 55.5mm LCL

	<u>SI (metric)</u>	<u>Customary</u>
Base:	P28	Medium Prefocus
Light Center Length:	55.5 mm	2-3/16 inches

1 Scope

This standard defines the dimensional limits and other physical characteristics required to ensure interchangeability and assist in the proper application of a specific category of lamps. This category is tungsten-halogen lamps with P28 bases and 55.5 mm (2-3/16 inch) nominal light center length. Lamps of various design voltages are included.

Lamps with the specifications listed in this standard are intended for stage and studio applications.

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.

Other tungsten-halogen lamps for stage and studio applications are described in standards listed in Annex B.

Certain lamps in this standard are compatible with IEC 60357.

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, *American National Standard Method for the Designation of Photo Lamps.*

ANSI/IEC C78.682-1997, *Standard Method of Measuring the Pinch Temperature of Quartz Tungsten - Halogen Lamps*