

ANSI_ANSLG C78.357-2010

American National Standard for Incandescent Lamps: Tungsten Halogen Lamps (non-vehicle)



American National Standard Lighting Group

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Secretariat: American National Standard Lighting Group

for incandescent lamps:

Tungsten Halogen Lamps (non-vehicle)

American National Standard

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FOREWORD (This Foreword is not part of ANSI_ANSLG C78.357-2010)

Suggestions for improvement of this standard will be welcome. They should be sent to the Secretariat, C78 Committee, American National Standard Lighting Group, 1300 North 17th Street, Suite 1752, Rosslyn, VA 22209.

This standard was processed and approved for submittal to ANSI by Accredited Standards Committee on Electric lamps, C78, and its Work Group, C78WG01. Approval of the standard does not necessarily imply that all work group members voted for its approval.

Lamp Code Designations (LCDs) are not ANSI standards. The reader is cautioned to explore other resources, such as lamp manufacturers, when building their LCDs.

The reader should refer to C78.370 for the methodology of constructing LCDs. The data provided in an original LCD application may be changed by consensus.

This standard is the result of a ten-year project. No new updated information will be accepted. If there are technical changes, these are to be submitted by Correspondence ("C") document only.

Information concerning approval of this standard is based on the documents listed in the table below.

Amendment / Change	CDV	RV
Revision/Consolidation/ Redesignation	78_4306	78_4307

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PART I General Information

1 Scope

This standard specifies performance requirements for various single-ended, double-ended, integral reflector, and PAR tungsten halogen lamps, with rated voltages up to 277V, and used for projection, photographic, (floodlight), special purpose, general lighting service (GLS), and stage-studio lighting applications.

This standard, similar to IEC 60357, provides dimensional and performance information pertinent to general lighting and specialty tungsten halogen lamps used in North America. This information is provided in C78.357 lamp data sheets, by reference to other ANSI tungsten halogen lamp specific standards, or by reference to adopted IEC 60357 lamp data sheets.

This standard is a revision/consolidation of ANSI C78.24-2001, C78.1413-2001, C78.1417-1997, C78.1421-2002, and C78.MR11-2-1997.

1.1 Important Patent Disclaimer

It is possible that some of the elements of this document may be the subject of patent rights. When this document was approved for publication, ANSLG (American National Standard Lighting Group) did not know of any patent applications, patents pending, or existing patents. ANSLG shall not be held responsible for identifying any or all such patent rights.

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.

The following normative reference standards are the other ANSI lamp specific dimensional and performance standards that should be used with this standard.

ANSI C78.20-2003, A, G, PS, and Similar Shapes with E26 Medium Screw Bases

ANSI C78.21-2003, PAR and R Shapes

ANSI C78.260-2002, Tubular Tungsten Halogen Lamps – Physical Characteristics

ANSI C78.370-1997, Method of Designation for Electric Lamps - Photographic, Stage, and Studio