



ANSI C78.23-1995 (S2018)

American National Standard for Specification for Incandescent Lamps—Miscellaneous Types



National Electrical Manufacturers Association
1300 North 17th Street, Suite 900 • Rosslyn, VA 22209
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*American National Standard for Specification for
Incandescent Lamps—Miscellaneous Types*

Secretariat:

National Electrical Manufacturers Association

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Foreword (This foreword is not part of American National Standard C78.22-1995)

This American National Standard, Incandescent Lamps—Miscellaneous types, C78.23-1995 sets forth the physical and electrical characteristics of the group of incandescent lamps that have C, S, T, or similar bulb shapes which are not covered in American National Standards ANSI C78.20-1995 and ANSI C78.22-1995.

Suggestions for improvement of this standard will be welcome. They should be sent to the Secretary of Committee C78, National Electrical Manufacturers Association 1300 North 17th Street, Suite 900, Rosslyn, VA 22209.

This standard was processed and approved for submittal to ANSI by C78 Accredited Standards Committee on Electric Lamps, and C78-1, Incandescent Lamps. Committee approval of the standard does not necessarily imply that all committee members voted for its approval.

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This Standard is being maintained under the stabilized maintenance option. Proposals for modification or improvement of this Standard are welcome. They should be sent to the National Electrical Manufacturers Association, 1300 N 17th Street, Suite 900, Arlington, VA 22209 or sent via the NEMA website (<http://www.nema.org>).

Part I General Information

1 Scope

This standard sets forth the physical and electrical characteristics of the group of incandescent lamps that have C, S, T, or similar bulb shapes which are not covered in American National Standards ANSI C78.20-1989 and ANSI C78.22-1989. Only clear and inside frost bulb finishes are acknowledged. Excluded from coverage are tungsten-halogen lamps and projection lamps. Other groups of incandescent lamps are covered in the following associated standards:

American National Standard for Electric Lamps—A, G, PS and Similar Shapes with E26 Medium Screw Bases, ANSI C78.20-1995

American National Standard for Electric Lamps—PAR and R Shapes, ANSI C78.21-1995

American National Standard for Incandescent Lamps—A, G, PS and Similar Shapes with E39 Medium Screw Bases, ANSI C78.22-1995

The lamps specified in this standard do not relate closely to those internationally standardized lamps specified in International Electrotechnical Commission (IEC) Publication 64, Tungsten Filament Lamp for Domestic and Similar General Lighting Purposes.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 C78.25-1991, *Electric Lamps-Method of Measuring Lamp-Base Temperature Rise*

ANSI C79.1-1980(R1994), *Nomenclature for Glass Bulbs Intended for Use with Electric Lamps*

ANSI C81.61-1990, *American National Standards for Electrical Lamp Bases*

ANSI C81.62-1991, *American National Standard for Electrical Lamp Holders*

IES LM45, *IES Approved Method for Electrical and Photometric Measurements of General Service Incandescent Filament Lamps*²

IES LM54, *IES Guide to Lamp Seasoning*³

SR30a, *Procedure for Use in Preparation of Lamp Space Drawings*³

¹Available from the American National Standards Institute, 11 West 42nd St., New York, NY 10036.

²Available from the Illuminating Engineering Society, 120 Wall St., 17th Floor, New York, NY 10005-4001.

³Available from the C78 Secretariat, c/o National Electrical Manufacturers Association, 1300 North 17th Street, Suite 900, Rosslyn, VA 22209.