

American National Standard

Approved: June 8, 2018

Secretariat: ANSLG-- National Electrical Manufacturers Association

Electric Lamps

Projection Lamps- Tungsten – Halogen Lamps with G5.3 Bases

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ANSI C78.1435-2002 (S2018)

Consolidation/Revision of ANSI C78.1418-1991 and ANSI C78.1419-1991

(This language is not part of the American National Standard.)

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>).

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FOREWORD (This Foreword is not part of ANSI C78.1435-2002)

Suggestions for improvement of this standard will be welcome. They should be sent to the Secretariat, C78 Committee, National Electrical Manufacturers Association, 1300 North 17th Street, Suite 1847, Rosslyn, VA 22209. This standard was processed and approved for submittal to ANSI by Accredited Standards Committee on Electric lamps, C78, and its subcommittee, C78-1. Approval of the standard does not necessarily imply that all committee members voted for its approval. Information concerning the approval of this standard is based on the documents listed in the table below:

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C78(1)/3935	C78(1)/3936

At the time of publications the C78 committee consisted of the following members:

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Al Rousseau, Technical Coordinator
 Randolph N. Roy, Secretariat
 Ken Denton, Consulting Editor

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 Edison Electric Institute
 GE Lighting
 Illuminating Engineering Society
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Projection Lamps- Tungsten – Halogen Lamps with G5.3 Bases

1 Scope

This standard consolidates projection lamps with G5.3 bases into a single standard. The lamps contained in this standard are not to be considered as interchangeable, although physically they will all fit the common G5.3 lampholders. The photometry of each lamp is dependent upon the system for which it was designed and on the system in which it is used. Representative photometric values are found in Table 2.

Tungsten-halogen lamps with G5.3 bases having the ANSI lamp designations EML and EYB are covered.