



ANSI C78.901-2016

*American National Standard for Electric Lamps—
Single-Based Fluorescent Lamps—
Dimensional and Electrical Characteristics*

Secretariat:

National Electrical Manufacturers Association

Approved: August 23, 2016

American National Standards Institute, Inc.

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Foreword (This foreword is not part of ANSI C78.901-2016)

Suggestions for improvement of this standard should be submitted to the Secretariat, C78 Committee, National Electrical Manufacturers Association, 1300 North 17th Street, Suite 900, Rosslyn, Virginia 22209.

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

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Part I

General Information and Requirements

1 Scope

This standard sets forth the physical and electrical characteristics required to assure interchangeability and to assist in proper application of single-based fluorescent lamps. Single-based compact fluorescent lamps, both self-supporting and those requiring auxiliary support, including circular-, square-, and U-shaped lamps, are specified. Specifications for the lamp itself and the interactive features of the lamp with the ballast are given. Information for luminaire design is given for certain lamp types.

The lamps covered in this standard are intended for use with external ballasts as described. These lamps are designed for 60 Hz and/or high frequency (HF) operation.

Many of the lamp types covered in this standard are closely comparable to those specified in IEC 60901.