



ANSI C78.53-2019

*American National Standard for Electric Lamps—
Performance Specifications for
Direct Replacement LED (Light Emitting Diode) Lamps*

Secretariat:

National Electrical Manufacturers Association

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American National Standards Institute, Inc.

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Foreword (This foreword is not part of ANSI C78.53-2019)

This is a new Standard recently developed by American National Standards Committee C78 on Electric Lamps. It is not a revision of a previous Standard.

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

This Standard was developed and approved for submittal to ANSI by Accredited Standards Committee on Electric Lamps. Approval of this Standard is not meant to imply that all Accredited Standards Committee Members voted to approve it.

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1 Scope

This Standard describes the electrical, mechanical, and photometric characteristics of LED Lamps that are direct replacements for existing ANSI standardized non-LED lamps. Lamps covered in this Standard contain LED-based light sources. Direct replacement is defined as LED lamps that shall not require modification of existing equipment. This Standard addresses general illumination products.