



ANSI C82.17-2017

*American National Standard for Lamp Ballasts—
High Frequency (HF) Electronic Ballasts
for Metal Halide Lamps*

Secretariat:

National Electrical Manufacturers Association

Approved: May 18, 2017

American National Standards Institute, Inc.

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Foreword (This foreword is not part of ANSI C82.17-2017)

This is a new standard and not a revision of a previous standard.

Suggestions for improvement of this standard are welcome and should be sent to:

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This standard was developed and approved for submittal to ANSI by Accredited Standards Committee C82 on Electric Lamp Ballasts. 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 provides specifications for and operating characteristics of, high-frequency electronic ballasts for metal halide lamps. Electronic ballasts are devices that use semiconductors to control lamp starting and operation. The ballasts operate from multiple supply sources up to 600V maximum at a frequency of 60 hertz. This standard covers electronic ballasts with sinusoidal lamp operating current frequencies above 40 kHz.