



**ANSI C78.1408-2004 (S2020)**

*American National Standard for Electric Lamps—  
CFL Projection Lamp*

Secretariat:

**National Electrical Manufacturers Association**

Approved: September 28, 2020

**American National Standards Institute, Inc.**

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Published by

**National Electrical Manufacturers Association**  
**1300 North 17<sup>th</sup> Street, Suite 900**  
**Rosslyn, Virginia 22209**

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Printed in the United States of America

**Foreword** (This foreword is not part of American National Standard C78.1408-2004.)

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## 1. Scope

1.1 This standard provides information on the description, ratings, restrictions, physical characteristics, dimensions, life, illumination, seal temperature, and operating temperature of a lamp that has been Lamp Code Designated as a CBA projection lamp.

## 2. Normative References

2.1 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/IEC C78.682-1997, *Standard Method of Measuring the Pinch Temperature of Quartz Tungsten-Halogen Lamps*

ANSI C78.1450-1983, *Incandescent Projection Lamps—Method for Life Testing*

ANSI C79.1-2002, *Nomenclature for Glass Bulbs—Intended for Use with Electric Lamps*

ANSI/IEC C81.61-2003, *Specifications for Bases (Caps) for Electric Lamps*

ISO 11315 part 1—1997, *Photography—Projection in Indoor Rooms—Part 1: Screen Illumination Test for Still Projectors*

## 3. Lamp description

Designation code: CBA  
Type: Proximity, internal reflector, tungsten-halogen lamp  
Base: G17  
Bulb: T6  
Application: Slide projector

## 4. Ratings

Wattage..... 500 watts  
Voltage..... 120 volts  
Life ..... 50 hours  
Correlated color temperature ..... 3200 K

## 5. Restrictions

Operating position ..... Base down to horizontal  
Seal temperature..... 400°C max.  
Bulb temperature..... 250°C min.