To: Current Holders of ANSI C78.1401-1975
From: NEMA Communications Department
Date: November 13, 2003
Subject: Reaffirmation of ANSI C78.1401-1975

Setting Standards for Excellence

The ANSI Board of Standards Review reaffirmed ANSI C78.1401-1975, "*Dimensions for Projection Lamps—Double-Contact, Medium Ring, Base-up Type.*"

The new designator for this standard is ANSI C78.1401-1975 (R2003), "*Dimensions for Projection Lamps—Double-Contact, Medium Ring, Base-up Type.*"

Please insert the attached revised title page into your standard.

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ANSI C78.1401-1975 (R2003)

American National Standard

Dimensions for Projection Lamps—Double-Contact, Medium Ring, Base-up Type

Secretariat:

National Electrical Manufacturers Association

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ANSI C78.1401-1975
Revision and Redesignation of PH22.84-1964 (R1969)

American National Standard

dimensions for projection lamps—double-contact, medium ring, base-up type

Approved June 5, 1975

Secretariat: Electrical and Electronics Standards Management Board

1. Scope

This standard establishes the dimensions essential to the interchangeability of lamps of the double-contact, medium ring, base-up type. It is not intended to prescribe either operating characteristics or details of design, such as the shape of the ventilation ports or the method of attachment of the prefocus ring to the base.

2. Operating Position

Lamps of this type are intended to be burned with the axis in an essentially vertical position with the base at the top.

3. Electrical Contacts

Fig. 1 indicates the area where electrical members of the lamp holder should contact. It is not intended to dictate the shape of the terminals on the lamp; however, the terminals should not exceed boat-shaped areas 0.250 in wide X 0.410 in long with the long axes parallel to the flats on the ring. With lamps of this type, the prefocus ring is not an electrical contact.

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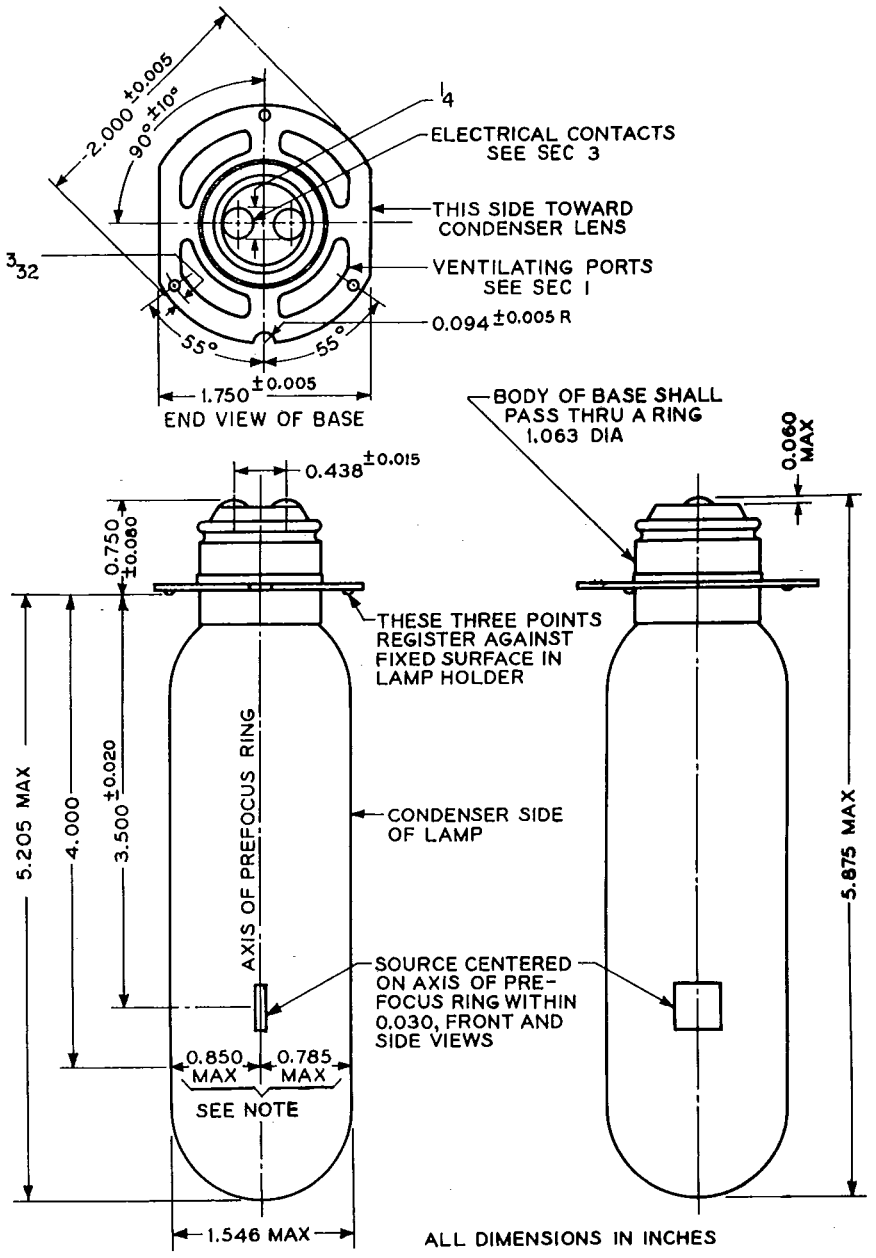

NOTE: These dimensions define the maximum excursion of the bulb surfaces from the base axis toward the condensing lenses and the mirror, at the points indicated when the lamp is inserted in a holder which rotationally positions the lamp. (See the end view of the lamp base.) Therefore, the mirror and condensing lenses, and their respective mounts, must be so located as to ensure adequate clearance between these parts and the bulb surface.

Fig. 1
Dimensions for Double-Contact, Medium Ring, Base-Up Projection Lamp

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