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American National
Standard for Electric
Lamps— Method of
Designation for
Electric Lamps—
Photographic, Stage
and Studio



National Electrical Manufacturers Association
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ANSI C78.370-1997 (S2018)

*American National Standard for Electric Lamps—
Method of Designation for Electric Lamps—
Photographic, Stage and Studio*

Secretariat:

National Electrical Manufacturers Association

Approved: February 15, 2018

American National Standards Institute, Inc.

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FOREWORD (This foreword is not part of ANSI C78.370-1997.)

As stated in the scope of this standard, the intended application of the three letter code is only for photographic, stage and studio lamps. Recent discussion by Subcommittee C78-5 has refined the interpretation of photo lamps as those whose primary applications are associated with the taking, processing, duplicating, viewing and projection of images. Such an interpretation does not encompass lamps for display, floodlighting or spotlighting applications.

In actual practice some designation codes have been assigned to lamps for display service. However, designation codes on such lamps do not appear to offer any advantage in controlling correct lamp replacement. Regular lamp ordering abbreviations such as those used on regular PAR lamps are more meaningful. Therefore, Accredited Standards Committee C78 on Electric Lamps plans to cease the assignment of designation codes to display lamps after a suitable adjustment period.

Three years from the approval date of this supplement to ANSI C78.370, the administrator will discontinue assignment of designation codes to display lamps. The scope and related sections of the standard C78.370 will then be appropriately revised. During this period, lamp manufacturers should consider dual marking of lamp identification codes and revising the lamp catalogs as necessary.

This standard contains annexes. Annexes A - D are normative and considered part of this standard; Annex E is informative and is not considered part of this standard.

At the time of publication of this standard, ASC C78 had the following members:

Suggestions for improvement of this standard are welcomed. They should be sent to;

Secretary, ASC C78
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At the time it approved this standard, the C78-1 Sub-Committee for Photographic, Stage and Studio Lamps had the following members:

David H. Fox, Chair, C78-1

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OSRAM SYLVANIA INC.

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CONTENTS

Foreword ii

1.0 Scope and Purpose 1

2.0 Normative References 1

3.0 Definitions 2

4.0 Description of a Designation 2

5.0 Criteria for Assignment of Designations 3

6.0 Administration of this Standard 4

7.0 Photographic, Stage and Studio LCD Form 6

8.0 Glossary and Instructions 6

Annex A 12

Annex B 22

Annex C 24

Annex D 29

Annex E 32

(This language is not part of the American National Standard.)

This Standard is being maintained under the stabilized maintenance option. Proposals for modification or improvement of this Standard are welcome. They should be sent to the National Electrical Manufacturers Association, 1300 N 17th Street, Suite 900, Arlington, VA 22209 or sent via the NEMA website (<http://www.nema.org>).

1 Scope and Purpose

1.1 Scope

This standard describes a system for the designation of photographic, stage and studio lamps. A form is provided for the use of lamp manufacturers to request a designation assignment, alternative, or change.

1.2 Purpose

The purpose of the designation system defined by this standard is to provide a nationally applicable and convenient lamp identification that may be used for both manufacturing and ordering purposes. The designation will ensure, for the user, the interchangeability of lamps that bear the same designation.

The lamp characteristics data given by a manufacturer on a Lamp Designation Request Form (Request Form) forms the basis for the assignment of a designation. They have not been approved by the American National Standards Institute (ANSI) and do not constitute an American National Standard.

2 Normative References

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 C78.260-2002 (S2018), *American National Standard for Tubular Tungsten Halogen (TH) Lamps—Physical Characteristics*

ANSI C78.1402-2004, *American National Standard for Electric Lamps—Four-Pin, Prefocus, Base-Down Type*

ANSI C78.1407-2004 (R2008, R2015), *American National Standard for Electric Lamps—Condenser-Reflector, Four-Pin Prefocus-Base Projection Lamps—Dimensions*

ANSI C78.1413-2001, *American National Standard for Dimensions and Centering Systems for Projection Lamps—51 mm (2 in.) Integral Reflector, Rim Reference Lamps with GX5.3, GY5.3 and GU5.3 Bases*