



ANSI/NEMA C78.1381-1998

American National
Standard for Electric
Lamps - 70 W, M85
Double-Ended Metal
Halide Lamps



National Electrical Manufacturers Association
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AMERICAN NATIONAL STANDARD



ANSI C78.1381-1998

American National Standard

for electric lamps:

**70-Watt, M85
Double-Ended
Metal-Halide Lamps**



American National Standard

Approved August 18, 1998

Secretariat: National Electrical Manufacturers Association

for electric lamps:

70-Watt, M85 Double-Ended Metal-Halide Lamps

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Foreword (This Foreword is not part of ANSI C78.1381-1998.)

Suggestions for improvement of this standard should be submitted to the Secretariat C78, National Electrical Manufacturers Association, 1300 North 17th Street, Suite 1847, Rosslyn, VA 22209.

This standard was processed and approved by Accredited Standards Committee on Electric Lamps, C78, and its Sub-Committee, C78-4 for High-Intensity Discharge Lamps. Committee approval of the standard does not necessarily imply that all committee members voted for that approval. At the time this standard was published, the C78 Committee had the following members:

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American National Standard**ANSI C78.1381-1998***for electric lamps—***70-watt, M85 double-ended metal-halide lamps****1 Lamp designation and description**

Metal-halide lamp designations are assigned in accordance with ANSI C78.380.

Designation	Bulb	Base
M85PX-70	T6(T20)	R7s

NOTE—Nominal wattage is 75, see section 5.1

CAUTION: For fused silica bulbs, protection against UV radiation is required.

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 C78.260-1998, *ANS for electric lamps—Tubular Tungsten Halogen Lamps—Physical Characteristics*

ANSI C78.380-1997, *ANS for electric lamps—High-Intensity-Discharge Lamps—Method of Designation*

ANSI C78.387-1995, *ANS for electric lamps—Metal-Halide Lamps—Methods of Measurement*

ANSI C79.1-1994, *ANS for electric lamps—Nomenclature for Glass Bulbs and Molded Glass Flares Intended for Use with Electric Lamps*

ANSI C81.61-1990 (R1996), *ANS for electrical lamp bases*

ANSI C81.63-1991 (R1996), *ANS for gauges for electric lamp bases and lampholders*

ANSI C82.4-1992, *ANS for electric lamp ballasts—Ballasts for High-Intensity- Discharge and Low Pressure Sodium Lamps (Multiple Supply Type)*