



**ANSI C78.40-2016**

*American National Standard for Electric Lamps—  
Specifications for Mercury Lamps*

Secretariat:

**National Electrical Manufacturers Association**

Approved: July 7, 2016

**American National Standards Institute, Inc.**

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ANSI C78.40-2016

Page ii

**Foreword** (This foreword is not part of American National Standard C78.40)

Suggestions for improvement of this standard will be welcome. They should be sent to the Secretariat, C78 Committee, NEMA, 1300 North 17<sup>th</sup> Street, Suite 900, Rosslyn, VA 22209.

This standard was processed and approved for submittal to ANSI by the Accredited Standards Committee on Electric Lamps, C78. Committee approval of the standard does not necessarily imply that all committee members voted for its approval.

## CONTENTS

Foreword .....	ii
Organization of This Standard .....	iv
<b>PART I GENERAL INFORMATION.....</b>	<b>1</b>
1 Scope.....	1
1.1. Important patent disclaimer.....	1
2 Normative references .....	2
3 Definitions .....	2
4 Methods of measurement.....	2
5 Lamp specifications .....	2
6 Lamp designations .....	2
7 Bulb designations .....	2
8 Base specifications.....	2
9 Maximum outline drawings.....	2
10 Electrical characteristics	
10.1 Lamp operating characteristics .....	2
10.2 Warm-up time .....	3
11. Reference ballasts .....	3
12. Ballast design .....	3
12.1 Open-circuit voltage.....	3
12.2 Starting current .....	3
<b>PART II LAMP DATA SHEETS.....</b>	<b>4</b>
40-Watt H45 Mercury Lamp .....	4
50-Watt H46 Mercury Lamp .....	6
75-Watt H43 Mercury Lamp .....	8
100-Watt H38 Mercury Lamp .....	10
100-Watt H44 Mercury Lamp .....	13
175-Watt H39 Mercury Lamp .....	15
250-Watt H37 Mercury Lamp .....	18
400-Watt H33 Mercury Lamp .....	20
700-Watt H35 Mercury Lamp .....	22
1000-Watt H34 Mercury Lamp .....	24
1000-Watt H36 Mercury Lamp .....	26
<b>PART III MAXIMUM OUTLINE DRAWINGS.....</b>	<b>28</b>
Base: Medium Screw (E26) Bulb: BD17, ED17, B17, E17 MOL: 131 .....	28
Base: Medium Screw (E26) Bulb: BD17, ED17, B17, E17 MOL: 139 .....	29
Base: Medium Screw (E26) Bulb: A23 MOL: 139 .....	30
Base: Medium Screw (E26) Bulb: R40, RD40 MOL: 191.....	31
Base: Admedium, medium (E26) Skirted Screw Bulb: Par38 Reflector Spotlight, Floodlight MOL: 138.....	32
Base: Admedium, Bulb T10, MOL: 143.....	33
Base: Mogul Screw (E39) Bulb: ED23.5 MOL: 191 .....	34
Base: Mogul Screw (E39) Bulb: BT28, E28, ED28 MOL: 211 .....	35
Base: Mogul Screw (E39) Bulb: BT37, ED37, E37 MOL: 292 .....	36
Base: Mogul Screw (E39) Bulb: BT46 MOL: 368.....	37
Base: Mogul Screw (E39) Bulb: BT56 MOL: 391 .....	38

### **Organization of This Standard**

This standard has been arranged in three parts:

**Part I** covers general requirements and information. It provides normative references and offers brief explanations of the meaning or the application of some of the numerical data given on the individual lamp data sheets in Part II of this standard. It also provides requirements that are common to all mercury lamp types.

**Part II** contains an individual data sheet for each size of mercury lamp.

**Part III** contains the maximum outline drawings for each size of lamp.

## **Part I General Information**

### **1 Scope**

This standard sets forth the physical and electrical requirements for single-ended metal halide lamps operated on 60 Hz ballasts to ensure interchangeability and safety. The data given also provides the basis for the electrical requirements for ballasts as well as the lamp-related requirements for luminaires. Luminous flux and lamp color are not part of this standard.

#### **1.1 Important patent disclaimer**

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