



ANSI/NEMA C136.14-2004 (R2009)

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American National  
Standard For Roadway  
and Area Lighting  
Equipment-Elliptically  
Shaped, Enclosed Side-  
mounted Luminaires for  
Horizontal-burning  
High-intensity  
Discharge Lamps



**National Electrical Manufacturers Association**  
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**For Roadway and Area Lighting Equipment—  
Elliptically Shaped, Enclosed Side-mounted Luminaires  
For Horizontal-burning High-intensity Discharge Lamps**

Secretariat:

**National Electrical Manufacturers Association**

Approved February 4, 2009

**American National Standards Institute, Inc.**

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Published by

**National Electrical Manufacturers Association  
1300 North 17th Street, Rosslyn, VA 22209**

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Printed in the United States of America

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## CONTENTS

1	Scope .....	1
2	Normative references .....	1
3	Mounting provisions .....	2
4	Terminal blocks .....	2
5	Wiring .....	3
6	Latching and hinging .....	3
7	Voltage classification .....	3
8	Socket .....	3
9	Refractor or lens replacement .....	3
10	Optical assembly .....	3
11	Light distribution .....	3
12	Ballast .....	3
13	Starter .....	3
14	Barriers .....	4
15	Photocontrol receptacle .....	4
16	Material and protective coatings .....	4
17	Internal labeling .....	4
18	External identification of lamp .....	4
19	Grounding .....	4
20	Effective projected area .....	4

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### 1 Scope

#### 1.1

This standard covers dimensional, maintenance and light distribution features that permit the interchange of enclosed side-mounted luminaires for horizontal-burning high-intensity discharge lamps used in roadway and area lighting equipment. Luminaires of similar size, shape, and weight meeting the requirements of this standard may be used interchangeably within a system with assurance that:

- They will fit the bracket arm
- Pole strength requirements will not change
- Light distribution will be similar
- Similar maintenance procedures can be used

#### 1.2

Luminaires covered by this standard are generally elliptical in shape with lenses that meet the requirements of ANSI C136.17.

#### 1.3

Excluded from this standard are luminaires having rectilinear and round shapes.

### 2 Normative references

This standard is intended for use in conjunction with the following American National Standards. When these standards are superseded by a revision approved by the American National Standards Institute, Inc., the latest revision shall apply.

ANSI C78.40-1992, *Mercury Lamps—Specifications*