



ANSI/NEMA C136.14-2004 (R2009)

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



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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

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American National Standards Institute, Inc.

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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 luminaries 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 When these standards are superseded by a revision approved by the American National Standards Institute, Inc., the latest revision shall apply.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*