



ANSI/NEMA C136.16-2009

American National
Standard for Roadway
and Area Lighting
Equipment-Enclosed,
Post Top-Mounted
Luminaires



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ANSI C136.16-2009

**American National Standard
for Roadway and Area Lighting
Equipment—Enclosed, Post
Top-mounted Luminaires**



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Revision of ANSI C136.16-1982 (R1997)

American National Standard

**For Roadway and Area Lighting Equipment—
Enclosed, Post Top-mounted Luminaires**

Secretariat:

National Electrical Manufacturers Association

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For Roadway and Area Lighting Equipment— Enclosed, Post Top-mounted Luminaires

1 Scope

This standard covers dimensional, maintenance, and light distribution features that permit the interchange of enclosed, post top-mounted luminaires whose center of mass is approximately over the mounting tenon. 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 mounting tenon
- Pole strength requirements will not change
- Light distribution will be similar
- Similar maintenance procedures can be used

2 Normative references

This standard incorporates by undated reference provisions from other publications. These normative references are cited at the appropriate places in the text, and the publications are listed below. For undated references, the latest edition of the publication referred to applies (including amendments).

ANSI C82.4-2002, *American National Standard for Ballast for High-intensity Discharge and Low-pressure Sodium Lamps (Multiple-supply Type)*

ANSI C136.2-2004, *American National Standard for Roadway and Area Lighting Equipment—Luminaire—Voltage Classification*

ANSI C136.3-2005, *American National Standard for Roadway and Area Lighting Equipment—Luminaire Attachments*

ANSI C136.4-2003, *American National Standard for Roadway and Area Lighting Equipment—Series Sockets and Series-socket Receptacles*

ANSI C136.10-2006, *American National Standard for Roadway and Area Lighting Equipment—Locking-type Photocontrol Devices and Mating Receptacles—Physical and Electrical Interchangeability*

ANSI C136.11-2006, *American National Standard for Roadway and Area Lighting Equipment—Multiple Sockets*

ANSI C136.15-2009, *American National Standard for Roadway and Area Lighting Equipment—High-intensity Discharge and Low-pressure Sodium Lamps in Luminaires—Field Identification*

ANSI C136.22-2004, *American National Standard for Roadway and Area Lighting Equipment—Internal Labeling of Luminaires*

ANSI C136.33-2005, *Plug-in Type Receptacle and Plug for High Intensity Discharge Lamp Igniters*

ANSI/IESNA RP-8-2005, *Roadway Lighting*

NFPA 70-2008, *National Electrical Code*