



ANSI C136.16-2014

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





ANSI C136.16-2014
Revision of ANSI C136.16-2009

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

Secretariat

National Electrical Manufacturers Association

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American National Standards Institute

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Foreword

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Table of Contents

Foreword	ii
1 Scope	1
2 Normative References	1
3 Informative References	2
4 General Requirements	2
4.1 Basic Insulation Level (BIL)	2
4.2 Surge Test Waveforms	2
4.3 Vibration Requirements	2
5 Voltage Classifications	2
6 Mounting Provisions	2
7 Assembly Features	3
8 Materials and Protective Coatings	3
9 Latching and Hinging	3
10 Refractor and Lens Replacement	3
11 Barriers	3
12 Labeling	3
13 Supply connections	3
13.1 Terminal block	3
13.2 Supply leads	3
13.3 Wiring and Grounding	4
14 Lamp Socket/Optical Assembly, Electrical Connector	4
14.1 High Intensity Discharge (HID) Lamps	4
14.2 Compact Fluorescent Lamps	4
14.3 Induction Lamps	4
14.4 Solid State Lighting Systems	4
15 Photocontrol	4
16 Ballast	5
17 Starter	5
18 Light Distribution	5

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1 Scope

This standard covers dimensional, maintenance, and light distribution features that permit the interchange of enclosed, post top–mounted high-intensity discharge (HID), solid state light (SSL) source (also referred to as LED (Light Emitting Diode), compact fluorescent, and induction 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, and
- 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 C81.61-2009, *American National Standard for Electric Lamp Bases—Specifications for Bases (Caps) for Electric Lamps*

ANSI C136.10-2010, *American National Standard for Roadway and Area Lighting Equipment—Locking-type Photocontrol Devices and Mating Receptacles—Physical and Electrical Interchangeability*

ANSI C136.11-2011, *American National Standard for Roadway and Area Lighting Equipment—Multiple Sockets*

ANSI C136.15-2011, *American National Standard for Roadway and Area Lighting Equipment—Luminaire Field Identification*

ANSI C136.2-2004 (R2009), *American National Standard for Roadway and Area Lighting Equipment—Luminaire Voltage Classification*

ANSI C136.22-2004 (R2009), *American National Standard for Roadway and Area Lighting Equipment—Internal Labeling of Luminaires*

ANSI C136.24-2004 (R2010), *American National Standard for Roadway and Area Lighting Equipment—Non-Locking (Button) Type Photo Controls*

ANSI C136.3-2005 (R2009), *American National Standard for Roadway and Area Lighting Equipment—Luminaire Attachments*

ANSI C136.31-2004 (R2010), *American National Standard for Roadway and Area Lighting Equipment—Luminaire Vibration*

ANSI/IESNA RP-8-05, *National Standard Practice for Roadway Lighting*

ANSI/IESNA TM-15-11, *Luminaire Classification System for Outdoor Luminaires*

NFPA 70-2014, *National Electrical Code*[®]