

NEMA Standards Publication



ANSI C136.47-2015

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# American National Standard for Steel Roadway and Area Lighting Poles

National Electrical Manufacturers Association





**ANSI C136.47-2010 (R2015)**

*American National Standard for Roadway  
and Area Lighting Equipment —  
Steel Roadway and Area Lighting Poles*

Secretariat:

**National Electrical Manufacturers Association**

Approved: April 22, 2015

**American National Standards Institute, Inc.**

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Published by

**National Electrical Manufacturers Association**  
**1300 North 17th Street, Suite 900**  
**Rosslyn, Virginia 22209**

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Printed in the United States of America

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**CONTENTS**

- 1 Scope ..... 1
- 2 References ..... 1
  - 2.1 Normative References ..... 1
  - 2.2 Informative References ..... 1
- 3 Definitions ..... 1
  - 3.1 Anchor Base ..... 1
  - 3.2 Anti-Rotational Device ..... 2
  - 3.3 Arm ..... 2
  - 3.4 Bolt Circle ..... 2
  - 3.5 Direct Burial ..... 2
  - 3.6 Effective Projected Area (EPA) ..... 2
  - 3.7 Handhole ..... 2
  - 3.8 Lighting Pole ..... 2
  - 3.9 Luminaire ..... 2
  - 3.10 Luminaire Mounting Height ..... 2
  - 3.11 Shaft ..... 2
  - 3.12 Slip Fitter ..... 2
  - 3.13 Tenon ..... 2
  - 3.14 Wire Entry Holes ..... 2
- 4 General Considerations ..... 2
- 5 Shafts ..... 3
  - 5.1 Diameter and Wall Thickness of Shafts ..... 3
  - 5.2 Direct Burial Poles ..... 3
  - 5.3 Anchor Base Poles ..... 3
  - 5.4 Poles for Post Top Luminaires ..... 3
  - 5.5 Poles with Arm Application ..... 3
- 6 Bolt Circles ..... 3
- 7 Luminaire Support Arms ..... 4
  - 8.1 Wiring ..... 4
  - 8.2 Wiring Access ..... 4
- 9 Performance ..... 4
  - 9.1 Physical ..... 4

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## 1 Scope

- 1.1 This standard applies to steel lighting poles.
- 1.2 This standard includes nomenclature, dimensional data, performance criteria, and some interchangeability features for standard poles as well as those that must meet breakaway requirements for poles as described in *Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals*, AASHTO LTS.

## 2 References

### 2.1 Normative References

The following normative documents contain provisions, which through reference in this text constitute provisions of this Standards Publication. By reference herein these publications are adopted, in whole or in part as indicated, in this Standards Publication.

ANSI C136.3, *Roadway and Area Lighting Equipment—Luminaire Attachments*

ANSI C136.21, *Roadway and Area Lighting Equipment—Vertical Tenons Used with Post Top-Mounted Luminaires*

AASHTO LTS, *Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals*

### 2.2 Informative References

ASTM A123, *Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products*

ASTM A153, *Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware*

A595, *Standard Specification for Steel Tubes, Low-Carbon or High-Strength Low-Alloy, Tapered for Structural Use*

ASTM A572, *Standard Specification for High-Strength Low-Alloy Columbium-Vanadium Structural Steel*

ASTM A36, *Standard Specification for Carbon Structural Steel*

ASTM A6, *Standard Specification for General Requirements for Rolled Structural Steel Bars, Plates, Shapes, and Sheet Piling*

ASTM A27, *Standard Specification for Steel Castings, Carbon, for General Application*

AWS D1.1, *American Welding Society, Structural Welding Code-Steel*

## 3 Definitions

### 3.1 Anchor Base

A feature attached to the bottom end of a pole designed to be mounted on an accommodating platform.