



ANSI/NEMA C136.36B-2008

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# American National Standard for Roadway and Area Lighting Equipment--Concrete Lighting Poles



**National Electrical Manufacturers Association**  
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for Roadway and Area Lighting  
Equipment—  
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**Secretariat**  
**National Electrical Manufacturers Association**

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# American National Standard

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## FOR ROADWAY AND AREA LIGHTING EQUIPMENT— CONCRETE LIGHTING POLES

### 1 Scope

This standard applies to concrete lighting poles used in roadway and area lighting equipment and includes nomenclature, performance criteria, marking and recordkeeping requirements, and certain minimal material needs. It does not cover concrete poles manufactured with any modified concrete mix incorporating the use of polymers or other modifiers.

### 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).

ASTM C-33, *Pre-stressing Steel Reinforcement*.

ASTM C-150, *Cement*.

ASTM C-494, *Admixtures*.

### 3 Informative references

This standard is intended to be used in conjunction with the following publications. The latest edition of the publication applies (including amendments).

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

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

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

CSA A14 - 00, *Concrete Poles*

ASTM A82-97a, *Standard Specification for Steel Wire, Plain, for Concrete Reinforcement*.

### 4 Definitions

**anchor base:** A base plate attached to the butt of a pole by approved means to accommodate anchor bolts connected to a foundation.

**aperture:** Any opening in a pole more than 50mm (2in) across the width, or more than 100mm (4in) along the length of the pole.

**arm:** A structural member attached approximately perpendicularly to a pole to which a luminaire may be attached.

**bolt circle:** The diameter of a circle that intersects the anchor bolts that are spaced an equal distance from each other.