

NEMA Standards Publication

ANSI C136.36A-2010

American National
Standard for Roadway
and Area Lighting
Equipment - Aluminum
Lighting Poles

National Electrical Manufacturers Association





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American National Standard

for Roadway and
Area Lighting Equipment—
Aluminum Lighting Poles



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Aluminum Lighting Poles**

Secretariat:

National Electrical Manufacturers Association

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For Roadway and Area Lighting Equipment— Aluminum Lighting Poles

1 Scope

1.1 This standard applies to aluminum 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 AASHTO LTS *Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals*.

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 *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-Mounted Luminaires*

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

2.2 Informative References

ASTM B221 *Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes*

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

AWS D1.2 American Welding Society, *Structural Welding Code—Aluminum*

3 Definitions

3.1 Anchor Base

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

3.2 Anti-Rotational Device

A device attached or formed to the pole below ground level to ensure the pole does not twist once installed and in service.

3.3 Arm

A structural member, approximately perpendicular to a pole, that supports a luminaire.