



ANSI NEMA C136.59 - 2024

**American National Standard
For Roadway and Area Lighting Equipment—
Co-Location Multiuse Poles**

Secretariat

National Electrical Manufacturers Association
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Foreword

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1 Scope

This standard includes nomenclature, dimensional data, performance criteria, and some interchangeable features for multi-use lighting poles. These poles shall be designed with clear separation per NEC/NESC requirements. The poles shall also have mounting provisions for antennas, radios, meters, disconnect switches, and any other equipment specified by the end user.

The intent of this standard is to establish the mechanical and dimensional requirements for the poles, which can be produced from steel, aluminum, and concrete.

2 Normative References

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

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

ACI 318, *Building Code Requirements for Structural Concrete*

ANSI C136.56, *American National Standard for Roadway and Area Lighting – Standard Finishes*

ASCE 7, *Minimum Design Loads and Associated Criteria for Buildings and Other Structures*

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

ASTM A36, *Standard Specification for Carbon Structural Steel*

ASTM A500, *Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes*

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

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

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

ASTM B26, *Standard Specification for Aluminum-Alloy Sand Castings*

ASTM B108, *Standard Specification for Aluminum-Alloy Permanent Mold Castings*

ASTM B117, *Standard Practice for Operating Salt Spray (Fog) Apparatus*

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

ASTM B918, *Standard Practice for Heat Treatment of Wrought Aluminum Alloys*

ASTM C935, *Standard Specification for General Requirements for Prestressed Concrete Poles Statically Cast*

ASTM C1089, *Standard Specification for Spun Cast Prestressed Concrete Poles*