



ANSI/NEMA C136.21-2004 (R2009)

Roadway Lighting - Vertical Tenons Used with Post-Top- Mounted Luminaires



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ANSI C136.21-2004 (R2009)

American National Standard

for Roadway and Area Lighting
Equipment— Vertical Tenons
Used with Pole Top-mounted
Luminaires

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ANSI C136.21-2004 (R2009)
Revision of ANSI C136.21-1987 (R1997)

American National Standard

**For Roadway and Area Lighting Equipment—
Vertical Tenons Used with
Post Top-mounted Luminaires**

Secretariat:

National Electrical Manufacturers Association

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American National Standards Institute, Inc.

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1 Scope

This standard covers the attachment features of vertical tenons on pole tops or brackets used in roadway and area lighting that permit the interchangeability of post-top-mounted luminaires.

2 Informative references

This standard is intended for use in conjunction with the following American National Standards. When these standards are superseded by a revision approved by the American National Standards Institute, Inc., the latest version shall apply.

ANSI C136.3-1995, *American National Standard for Roadway and Area Lighting Equipment – Luminaire Attachments.*

ANSI C136.16-1997, *American National Standard for Roadway and Area Lighting Equipment – Enclosed Post Top-mounted Luminaires.*

ANSI C136.23-1997, *American National Standard for Roadway and Area Lighting Equipment – Enclosed Architectural Luminaires.*

ANSI C136.32-2003, *American National Standard for Roadway and Area Lighting Equipment – Enclosed Setback Luminaires and Directional Floodlights for High-intensity Discharge Lamps.*

3 Dimensional requirements

The vertical tenon dimensions shall conform to the table in Figure 1 or Figure 2, whichever is applicable.

4 Material requirements

The exposed portion of the tenon for luminaire attachment shall be of a metallic material with a minimum of 3.175 mm (0.125 in.) wall thickness.