



ANSI/NEMA C136.18-2006 (R2010)

American National
Standard for Roadway
and Area Lighting
Equipment-High-mast
Side-mounted
Luminaires for
Horizontal or Vertical-
burning High-intensity
Discharge Lamps



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for Roadway and Area Lighting Equipment— High-Mast Side-Mounted Luminaires for Horizontal- or Vertical-Burning High-Intensity Discharge Lamps

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1 Scope

This standard is intended to cover physical, operational, maintenance, and light-distribution features that permit use of high-mast luminaires in roadway applications when specified.

It is not intended that compliance with this standard will permit interchangeability with existing roadway equipment without thorough engineering review and evaluation.

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).

ANSI C78.40-1992 (R2003), *American National Standard Specifications for Mercury Lamps*.

ANSI C78.42-2009, *American National Standard for High Pressure Sodium Lamps*.

ANSI C82.4-2002, *American National Standard for Ballasts—For High-intensity Discharge and Low Sodium Lamps (Multiple-Input Type)*.

ANSI C136.2-2001, *American National Standard for Roadway and Area Lighting Equipment—Luminaire Voltage Classification*.

ANSI C136.3-2005, *American National Standard for Roadway Lighting Equipment—Luminaire Attachments*.

ANSI C136.10-2006, *American National Standard for Roadway Lighting Equipment—Locking-type Photocontrol Devices and Mating Receptacles—Physical and Electrical Interchangeability and Testing*.

ANSI C136.13-2004, *American National Standard for Roadway and Area Lighting Equipment—Metal Brackets for Wood Poles*.

ANSI/IESNA RP8-2000, *Roadway Lighting*.