



ANSI/NEMA C136.18-2006 (R2010)

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



**National Electrical Manufacturers Association**  
**1300 North 17th Street, Suite 900 • Rosslyn, VA 22209**  
**[www.NEMA.org](http://www.NEMA.org)**





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



# 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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### 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-Supply Type)*.

ANSI C136.2-2004, *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 to 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*.