



ANSI/NEMA C136.32-2006

American National
Standard for Roadway
and Area Lighting
Equipment-Enclosed
Setback Luminaires and
Directional Floodlights
for High-intensity
Discharge Lamps



National Electrical Manufacturers Association
1300 North 17th Street, Suite 900 • Rosslyn, VA 22209
www.NEMA.org



American National Standard



For Roadway and Area Lighting Equipment – Enclosed Setback Luminaires and Directional Floodlights For High-intensity Discharge Lamps

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Secretariat: National Electrical Manufacturers Association

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1 Scope

This standard covers dimensional, maintenance, and electrical features that permit the interchange of similar style enclosed luminaires having the same light distribution classification or type for high-intensity discharge lamps used in roadway and area lighting equipment. Luminaires covered by this standard are generally yoke, trunnion, or tenon mounted. They are traditionally called floodlights or setback luminaires.

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 C78.40-2003, *American National Standard for Mercury Lamps—Specifications.*

ANSI C78.42-2001, *American National Standard for Electric Lamps—Guidelines for High-pressure Sodium Lamps.*

ANSI C78.43-2004, *American National Standard for Electric Lamps—Single-ended Metal Halide Lamps.*

ANSI C82.4-2002, *American National Standard for Ballast for High-intensity Discharge and Low-pressure Sodium Lamps (Multiple-supply Type).*

ANSI C136.2-2004, *American National Standard for Roadway and Area Lighting Equipment—Luminaires Voltage Classification.*

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

ANSI C136.10-1996, *American National Standard for Roadway and Area Lighting Equipment—Locking-type Photocontrol Devices and Mating Receptacle Physical and Electrical Interchangeability and Testing.*