NEMA Standards Publication

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American National Standard for Roadway and Area Lighting Equipment— Enclosed Setback Luminaires and Directional Floodlights

National Electrical Manufacturers Association

National Electrical Manufacturers Association
1300 North 17th Street, Suite 900 • Rosslyn. VA 2220
www.NEMA.org

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Secretariat:

National Electrical Manufacturers Association

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American National Standards Institute, Inc.

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Foreword

At the time this standard was approved, the ANSI C136 committee was composed of the following Members:

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Atlas Lighting Products, Inc.
California Lighting Technology Center
University of California, Davis
CIMCON Lighting
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Xcel Energy

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 used in roadway or 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 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 *American National Standard Electric Lamps—Specifications for Mercury Lamps*

ANSI C78.42 *American National Standard for Electric Lamps—High-Pressure Sodium (HPS) Lamps*

ANSI C82.4 *American National Standard for Lamp Ballasts—Ballasts for High-intensity Discharge and Low-Pressure (LPS) Sodium Lamps (Multiple-Supply Type)*

ANSI C136.2 *American National Standard for Roadway and Area Lighting Equipment—Dielectric Withstand and Electrical Transient Immunity Requirements*

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

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

ANSI C136.11 *American National Standard for Roadway and Area Lighting Equipment—Multiple Sockets*

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

ANSI C136.15 *American National Standard for Roadway and Area Lighting Equipment—Luminaire Field Identification*

ANSI C136.21 *American National Standard for Roadway and Area Lighting Equipment—Vertical Tenons Used with Post-Top-Mounted Luminaires*

ANSI C136.22 *American National Standard for Roadway and Area Lighting Equipment—Internal Labeling of Luminaires*

ANSI C136.37 *American National Standard for Roadway and Area Lighting Equipment—Solid State Lighting Sources Used in Roadway and Area Lighting*

ANSI C136.38 *American National Standard for Roadway and Area Lighting Equipment—Induction Lighting*

ANSI C136.49 *American National Standard for Roadway and Area Lighting Equipment—Plasma Lighting*