

ANSI C136.32-2012

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





**ANSI C136.32-2012**  
Revision of ANSI C136.32-2000

**American National Standard**

***For Roadway and Area Lighting Equipment—  
Enclosed Setback Luminaires and Directional Floodlights***

**Secretariat:**

**National Electrical Manufacturers Association**

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## FOREWORD

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

Acuity Brands Lighting  
Alabama Power Company  
American Electric Lighting  
CeraVision  
City of Kansas City, Missouri  
Cooper Lighting  
Duke Energy  
Edison Electric Institute  
EPRI  
Florida Power and Light  
FRE Composites (2005) Inc.  
GE Lighting Solutions  
Georgia Power Company  
Gulf Power Company  
Hapco  
Holophane, An Acuity Brands Company  
Hubbell Lighting, Inc.  
Intelligent Illuminations Inc.  
Kauffman Consulting, LLC  
Lites  
Los Angeles City Bureau of Street Lighting  
National Grid  
Philips Hadco  
Philips Lumec  
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Sunrise Technologies, Inc., FPL/C  
TE Connectivity  
Utility Metals Division of Fabricated Metals, LLC  
Valmont Industries, Inc.  
Vamas Engineering and Consultants  
Vandal Shields  
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 updated references, the latest edition of the publication referred to applies (including amendments).

ANSI/ANSLG C78.40-2011 *American National Standard Electric Lamps—Specifications for Mercury Lamps*

ANSI/ANSLG C78.42-2009 *American National Standard for Electric Lamps—High Pressure Sodium (HPS) Lamps*

ANSI/ANSLG C82.4-2002 *American National Standard for Lamp Ballasts—Ballasts for High-intensity Discharge and Low-Pressure (LPS) Sodium Lamps (Multiple-Supply Type)*

ANSI C136.10-2010 *American National Standard for Roadway and Area Lighting Equipment—Locking-type Photocontrol Devices and Mating Receptacle—Physical and Electrical Interchangeability and Testing*

ANSI C136.11-2011 *American National Standard for Roadway and Area Lighting Equipment—Multiple Sockets*

ANSI C136.13-2004 (R2009) *American National Standard for Roadway and Area Lighting Equipment—Metal Brackets for Wood Poles*

ANSI C136.15-2011 *American National Standard for Roadway and Area Lighting Equipment—Luminaire Field Identification*

ANSI C136.2-2004 (R2009) *American National Standard for Roadway and Area Lighting Equipment—Luminaires Voltage Classification*

ANSI C136.21-2004 (R2009) *American National Standard for Roadway and Area Lighting Equipment—Vertical Tenons Used with Pole-Top-Mounted Luminaires*

ANSI C136.22-2004 (R2009) *American National Standard for Roadway and Area Lighting Equipment—Internal Labeling of Luminaires*

ANSI C136.3-2005 (R2009) *American National Standard for Roadway and Area Lighting Equipment—Luminaire Attachments*

ANSI C136.37-2011 *American National Standard for Roadway and Area Lighting Equipment—Solid State Lighting Sources*

ANSI C136.38-2009 *American National Standard for Roadway and Area Lighting Equipment—Induction Lighting*

ANSI/IESNA RP8-00 (R2005) *Practice for Roadway Lighting*