



ANSI/NEMA C136.6-2004 (R2012)

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American National  
Standard for Roadway  
and Area Lighting  
Equipment-Metal Heads  
and Reflector  
Assemblies-Mechanical  
and Optical  
Interchangeability



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**ANSI C136.6-2004 (R2012)**

**American National Standard**

**For Roadway and Area Lighting Equipment—  
Metal Heads and Reflector Assemblies  
Mechanical and Optical Interchangeability**

Secretariat:

**National Electrical Manufacturers Association**

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## **1 SCOPE**

### **1.1 Dimensional Features for Interchangeability**

This standard covers dimensional features of luminaires with metal heads that permit mechanical and optical interchangeability of both head and reflector assemblies.

### **1.2 Slipfitter Mounted Heads**

The features covered in this standard apply to metal heads that are slipfitter mounted.

### **1.3 Reflector Assembly**

The reflector assembly is of the latched collar type and may be part of an open or enclosed optical assembly.

## **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 C136.2-1996, American National Standard for Roadway and Area Lighting Equipment—Luminaires Voltage Classification*

*ANSI C136.3-1995, American National Standard for Roadway and Area Lighting Equipment—Luminaire Attachments*

*ANSI C136.4-1995, American National Standard for Roadway and Area Lighting Equipment—Series Sockets and Series-socket Receptacles*

*ANSI C136.9-1990, American National Standard for Roadway and Area Lighting Equipment—Socket Support Assemblies for Metal Heads—Mechanical Interchangeability*

*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*

*ANSI C136.11-1995, American National Standard for Roadway and Area Lighting Equipment—Multiple Sockets*

## **3 GENERAL**

Dimensional features of the metal head and the mounting and latching dimensions of metal head and reflector assemblies shall be in accordance with Figures 1a, 1b, and 1c.