



ANSI C136.9-2003 (R2012, R2018)

American National
Standard for
Roadway and Area
Lighting Equipment—
Socket Support
Assemblies for Metal
Heads—
Mechanical
Interchangeability



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A reaffirmation of ANSI C136.9-2003

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Roadway and Area Lighting Equipment—
Socket Support Assemblies for Metal Heads—
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Secretariat:

National Electrical Manufacturers Association

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1 Scope

1.1

This Standard covers the following equipment for use in metal heads that are in accordance with the latest revision of ANSI C136.6:

- a. High-intensity discharge lamp ballast and socket assemblies in accordance with Figure 1.
- b. Mogul and medium multiple incandescent lamp socket and support assemblies in accordance with Figure 2.

1.2

The purpose of this Standard is to permit mechanical interchangeability of the socket support assemblies.

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 updated references, the latest edition of the publication referred to applies (including amendments).

ANSI C136.6 American National Standard for Roadway and Area Lighting Equipment—Metal Heads and Reflector Assemblies—Mechanical and Optical Interchangeability.

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

3 General

3.1 Ballast and Multiple Socket Support Assemblies for ANSI C136.6 Metal Heads

3.1.1

Dimensions of the ballast and the socket assemblies shall be in accordance with Figure 1.

3.1.2

The outside contour of the ballast shall fit within the heads meeting the requirements of ANSI C136.6.

3.1.3

Access for a 12.7 mm (.5 in.) bit screwdriver for installation or removal of the ballast shall be provided.

3.1.4

An adequate path for wiring and access for making electrical connections shall be maintained.

3.2 Multiple Socket and Support Assemblies for ANSI C136.6 Metal Heads

Dimensions of incandescent socket and support assemblies shall be in accordance with Figure 2.

3.3 Measurements to the Center of the Socket

Measurements to the center of the socket shall be made with the center contact depressed.