



ANSI C136.4-2023
A Revision of ANSI C136.4-2015

***American National Standard
for Roadway and Area Lighting Equipment—
Series Sockets and Series-Socket Receptacles***

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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:

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1 Scope

This standard covers the following equipment for roadway and area luminaires:

- a. Series sockets having medium impact strength and intended for service at high temperatures.
- b. Series sockets having high impact strength and intended for service at limited temperatures.
- c. Series-socket receptacles (hereinafter called the receptacles) in the 5000 V classification.

2 Normative References

This standard shall be used in conjunction with the following publications. When these standards are superseded by an approved revision, the revision shall apply.

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

3 Informative References

This standard shall be used in conjunction with the following publications. When these standards are superseded by an approved revision, the revision shall apply.

ANSI C136.1 *American National Standard for Roadway and Area Lighting Equipment—Filament Lamps—A Guide for Selection*

ANSI C136.5 *American National Standard for Roadway and Area Lighting Equipment—Film Cutouts*

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

ANSI C82.77-5 *American National Standard for Lighting Equipment—Voltage Surge Requirements*

4 Voltage Classification

The voltage classification shall be in accordance with ANSI C136.2.

5 General

5.1 Clearances and Fitting Dimensions for Series Sockets

Clearances and fitting dimensions for series sockets shall be in accordance with Figure 1.

5.2 Clearances and Fitting Dimensions for Receptacles

Clearances and fitting dimensions for receptacles shall be in accordance with Figure 2.

5.3 Dimensions for Series-Socket and Receptacle Bodies

Dimensions for series-socket and receptacle bodies shall be in accordance with the standard practice of the manufacturer and are shown in outline form only in Figures 1 and 2.