



ANSI/NEMA C136.53-2017

American National
Standard for
Roadway and
Area Lighting
Equipment—
Enclosed Pendant
Mounted
Luminaires



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ANSI C136.53-2017

*American National Standard for
Roadway and Area Lighting Equipment—
Enclosed Pendant Mounted Luminaires*

Secretariat:

National Electrical Manufacturers Association

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1 Scope

This standard covers dimensional, maintenance, and light distribution features that permit the interchange of enclosed pendant-mounted luminaires whose center mass is directly below the mounting bracket. Luminaires of similar size, shape, and weight meeting the requirements of this standard may be used interchangeably within a system with the assurance that:

- a) They will fit the mounting pendant
- b) Pole strength requirements will not change
- c) Light distribution will be similar
- d) Similar maintenance procedures can be used

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/ASME B1.20.1 *American National Standard for Pipe Threads, General Purpose (inch)*

ANSI C82.4 *American National Standard for Ballast for High-intensity Discharge and Low-pressure Sodium Lamps (Multiple-supply Type)*

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

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

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

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

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

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 C136.31 *American National Standard for Roadway and Area Lighting Equipment—Luminaire Vibration*

ANSI C136.33 *Plug-in Type Receptacle and Plug for High Intensity Discharge Lamp Ignitors*

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

ANSI C136.41 *American National Standard for Roadway and Area Lighting Equipment - Dimming Control between an External Locking Type Photocontrol and Ballast or Driver*