



ANSI/NEMA C136.10-2006

American National
Standard for Roadway
Lighting Equipment—
Locking-Type
Photocontrol Devices
and Mating Receptacle
Physical and Electrical
Interchangeability and
Testing



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American National Standard



For Roadway and Area Lighting Equipment – Locking-type Photocontrol Devices and Mating Receptacles – Physical and Electrical Interchangeability and Testing

Approved April 27, 2006

Secretariat: National Electrical Manufacturers Association

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1 Scope

This standard covers the following roadway and area lighting equipment, which may be physically and electrically interchanged to operate within established values:

- a) Locking-type photocontrol, herein referred to as “photocontrol.”
- b) Locking-type mating receptacle, herein referred to as “receptacle.”
- c) Shorting and non-shorting caps.

2 References

2.1 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 C136.2-2004, *American National Standard for Roadway and Area Lighting Equipment – Luminaire Voltage Classification*.

ANSI/IEEE C62.41-1991, *IEEE Recommended Practice on Surge Voltages in Low-voltage Power Circuits*.

ANSI/UL 773-1987, *Standard for Plug-in, Locking-type Photocontrols for Use with Area Lighting*.

IESNA LM-48-01, *IESNA Guide for Testing the Calibration of Locking-type Photoelectric Control Devices Used in Outdoor Applications*.

Journal of the Illuminating Engineering Society, Vol. 21, No. 2, Summer 1992, pp 54-56.

UL 94-1993, *Test for Flammability of Plastic Materials*

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2.2 Informative references

This standard is to be used in conjunction with the following publication. The latest edition of the publication applies (including amendments).