



ANSI/NEMA C136.24-2004 (R2010)

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American National  
Standard for Roadway  
and Area Lighting  
Equipment-Non-  
Locking (Button)-Type  
Photocontrols



**National Electrical Manufacturers Association**  
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# American National Standard



## *For Roadway and Area Lighting Equipment— Nonlocking (Button) Type Photocontrols*

Approved January 12, 2005  
Reaffirmed March 12, 2010

Secretariat: National Electrical Manufacturers Association

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Published by  
**National Electrical Manufacturers Association**  
**1300 North 17th Street, Rosslyn, VA 22209**

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Printed in the United States of America

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### 1 Scope

This standard covers the electrical and mechanical interchangeability of nonlocking type photocontrols for mounting within a roadway or off-roadway luminaire, herein called "controls." These controls are commonly called "button" photocontrols.

### 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).

UL 773A, 4th Edition, 1995, *Standard for Nonindustrial Fuses and Electric Switches for Lighting Control*.

### 3 Informative references

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

ANSI/IEEE C62.1-1989, *IEEE Standard for Gapped Silicon-carbide Surge Arresters for AC Power Circuits*.

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

ANSI C136.10-1996, *ANSI for Roadway and Area Lighting Equipment—Locking-type Photocontrol Devices and Mounting Receptacles—Physical and Electrical Interchangeability and Testing*.

NOTE: ANSI Standards are available from Global Engineering Documents, 15 Inverness Way East, Englewood, CO 80112-5776  
Phone: 303/397-7950, Fax 303/397-2740, e-mail: [global@ihs.com](mailto:global@ihs.com) or [www.global.ihs.com](http://www.global.ihs.com).

### 4 Mounting and physical considerations

#### 4.1 Sealing

A sealing means shall be provided between the control and the luminaire or mounting enclosure so as to prevent the entrance of rain, dust, and vermin. The sealing method must allow replacement of the control.