



ANSI/NEMA C136.12-2004 (R2009)

---

American National  
Standard for Roadway  
and Area Lighting  
Equipment-Mercury  
Lamps-Guide for  
Selection



**National Electrical Manufacturers Association**  
1300 North 17th Street, Suite 900 • Rosslyn, VA 22209  
[www.NEMA.org](http://www.NEMA.org)

Currently in preview, click buy full version





**ANSI C136.34-2004 (R2009)**

**American National Standard**

for Roadway and Area Lighting  
Equipment—Vandal Shields  
for Roadway and Area  
Lighting Luminaires

Currently in preview, click buy full version

# American National Standard



## *For Roadway and Area Lighting Equipment— Vandal Shields for Roadway and Area Lighting Luminaires*

Approved October 6, 2004

Secretariat: National Electrical Manufacturers Association

An American National Standard implies a consensus of those substantially concerned with its scope and provisions. An American National Standard is intended as a guide to aid the manufacturer, the consumer, and the general public. The existence of an American National Standard does not in any respect preclude anyone, whether he has approved the standard or not, from manufacturing, marketing, purchasing, or using products, processes, or procedures not conforming to the standard. American National Standards are subject to periodic review and users are cautioned to obtain the latest editions.

The American National Standards Institute does not develop standards and will in no circumstances give an interpretation of any American National Standard. Moreover, no person shall have the right or authority to issue an interpretation of an American National Standard in the name of the American National Standards Institute.

**CAUTION NOTICE:** This American National Standard may be revised or withdrawn at any time. The procedures of the American National Standards Institute require that action be taken to reaffirm, revise, or withdraw this standard no later than five years from the date of approval. Purchasers of American National Standards may receive current information on all standards by calling or writing the American National Standards Institute.

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

[www.nema.org](http://www.nema.org)

© Copyright 2009 by National Electrical Manufacturers Association.

All rights including translation into other languages are reserved under the Universal Copyright Convention, the Berne Convention for the Protection of Literary and Artistic Works, and the International and Pan American Copyright Conventions.

No part of this publication may be reproduced in any form, in an electronic retrieval system or otherwise, without the prior written permission of the publisher.

Printed in the United States of America.

**DISCLAIMER:** The standards or guidelines presented in a NEMA standards publication are considered technically sound at the time they are approved for publication. They are not a substitute for a product seller's or user's own judgment with respect to the particular product referenced in the standard or guideline, and NEMA does not undertake to guarantee the performance of any individual manufacturer's products by virtue of this standard or guide. Thus, NEMA expressly disclaims any responsibility for damages arising from the use, application, or reliance by others on the information contained in these standards or guidelines.

## CONTENTS

1	Scope .....	2
2	Normative references .....	2
3	Informative references .....	2
4	Definitions .....	3
5	Mounting .....	3
6	Materials .....	4
7	Maintenance .....	4
8	Performance .....	5
9	Luminaire performance alteration .....	5
10	Weight and wind factors .....	6
11	Failure .....	6
12	Labeling .....	6

---

### 1 Scope

This standard covers supplementary vandal shields used to protect luminaires and luminaire accessories used for roadway and area lighting.

### 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 C136.15-2009, *American National Standard for Roadway and Area Lighting Equipment—High-intensity Discharge and Low-pressure Sodium Lamps in Luminaires—Field Identification.*

ANSI C136.31-2001, *American National Standard for Roadway and Area Lighting Equipment—Luminaire Vibration.*

### 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 C136.3-2005, *American National Standard for Roadway and Area Lighting Equipment—Luminaire Attachments.*

ANSI C136.10-2006, *American National Standard for Roadway and Area Lighting Equipment—Locking-type Photocontrol Devices and Mating Receptacles—Physical and Electrical Interchangeability.*

ANSI C136.13-2004, *American National Standard for Roadway and Area Lighting Equipment—Metal Brackets for Wood Poles.*

ANSI C136.16-2009, *American National Standard for Roadway and Area Lighting Equipment—Enclosed Pole Top-mounted Luminaires.*

ANSI C136.17-2005, *American National Standard for Roadway and Area Lighting Equipment—Enclosed Side-mounted Luminaires for Horizontal-burning High-intensity Discharge Lamps—Mechanical Interchangeability of Refractors.*