



ANSI/NEMA C136.22-2004 (R2009, R2014)

American National Standard for Roadway and Area Lighting Equipment-Internal Labeling of Luminaires



National Electrical Manufacturers Association
1300 North 17th Street, Suite 900 • Rosslyn, VA 22209
www.NEMA.org





ANSI C136.22-2004 (R2009, R2014)

American National Standard

***for Roadway and Area Lighting Equipment—
Internal Labeling of Luminaires***

Secretariat:

National Electrical Manufacturers Association

Approved August 25, 2014
Published December 22, 2014

American National Standards Institute, Inc.

NOTICE AND DISCLAIMER

The information in this publication was considered technically sound by the consensus of persons engaged in the development and approval of the document at the time it was developed. Consensus does not necessarily mean that there is unanimous agreement among every person participating in the development of this document.

American National Standards Institute (ANSI) standards and guideline publications, of which the document contained herein is one, are developed through a voluntary consensus standards development process. This process brings together volunteers and/or seeks out the views of persons who have an interest in the topic covered by this publication. While NEMA administers the process and establishes rules to promote fairness in the development of consensus, it does not write the document and it does not independently test, evaluate, or verify the accuracy or completeness of any information or the soundness of any judgments contained in its standards and guideline publications.

NEMA disclaims liability for any personal injury, property, or other damages of any nature whatsoever, whether special, indirect, consequential, or compensatory, directly or indirectly resulting from the publication, use of, application, or reliance on this document. NEMA disclaims and makes no guaranty or warranty, express or implied, as to the accuracy or completeness of any information published herein, and disclaims and makes no warranty that the information in this document will fulfill any of your particular purposes or needs. NEMA does not undertake to guarantee the performance of any individual manufacturer or seller's products or services by virtue of this standard or guide.

In publishing and making this document available, NEMA is not undertaking to render professional or other services for or on behalf of any person or entity, nor is NEMA undertaking to perform any duty owed by any person or entity to someone else. Anyone using this document should rely on his or her own independent judgment or, as appropriate, seek the advice of a competent professional in determining the exercise of reasonable care in any given circumstances. Information and other standards on the topic covered by this publication may be available from other sources, which the user may wish to consult for additional views or information not covered by this publication.

NEMA has no power, nor does it undertake to police or enforce compliance with the contents of this document. NEMA does not certify, test, or inspect products, designs, or installations for safety or health purposes. Any certification or other statement of compliance with any health or safety-related information in this document shall not be attributable to NEMA and is solely the responsibility of the certifier or maker of the statement.

AMERICAN NATIONAL STANDARD

Approval of an American National Standard requires verification by ANSI. ANSI states that the requirements for due process, consensus, and other criteria for approval have been met by the standards developer.

Consensus is established when, in the judgment of the ANSI Board of Standards Review, substantial agreement has been reached by directly and materially affected interests. Substantial agreement means significantly more than a simple majority, but not necessarily unanimity. Consensus requires that all views and objections be considered, and a concerted effort be made toward their resolution.

The use of American National Standards is completely voluntary; their existence does not in any respect preclude anyone, whether they have approved the standards or not, from: manufacturing, marketing, purchasing, or using products, processes, or procedures not conforming to the standards.

The American National Standards Institute does not develop standards, and will under 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. Requests for interpretations should be addressed to the secretariat or sponsor whose name appears on the title page of this standard.

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 periodically to reaffirm, revise, or withdraw this standard. 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**

© Copyright 2014 by National Electrical Manufacturers Association
All rights reserved including translation into other languages, 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, and without the prior written permission of the publisher.

Printed in the United States of America.

<This page intentionally left blank.>

TABLE OF CONTENTS

FOREWORD.....	vi
1 SCOPE	1
2 NORMATIVE REFERENCES	1
3 PHYSICAL REQUIREMENTS.....	1
3.1 Dimensions.....	1
3.2 Materials.....	1
3.3 Method of attachment	1
3.4 Locations of label(s)	2
4 IDENTIFICATION	2

FOREWORD

At the time this standard was approved the ANSI C136 committee was composed of the following members:

Alabama Power Company	JEA
American Electric Lighting	Kauffman Consulting, LLC
Caltrans	LED Roadway Lighting Ltd.
Ceravision	LITES
City of Kansas City, Missouri	LUXIM Corp.
City of Los Angeles, Bureau of Street Lighting	Mississippi Power
Cree, Inc.	National Grid
Duke Energy	OSRAM SYLVANIA Inc.
Duke Energy Florida	Philips
Eaton's Cooper Lighting Business	Philips Lumec
Edison Electric Institute	PNNL-Battelle
EPRI	ROAM/DTL
EYE Lighting International of N.A., Inc.	SELC Lighting
Florida Power & Light Company	Sensus Metering
FP Outdoor Lighting Controls	Shakespeare Composite Structures
FRE Composites	Silver Spring Networks
GE Lighting Systems	Sollux Consulting
Georgia Power Company	South Carolina Electric & Gas
Gulf Power Company	SouthConn Technologies, Inc.
Hapco Aluminum Pole Products	Stresscrete/King Luminaire
Holophane An Acuity Brands Company	TE Connectivity
Hubbell Lighting, Inc.	Utility Metals Division of Fabricated Metals, LLC
Inovus Solar	Valmont Industries, Inc.
Intelligent Illuminations Inc.	Vamas Engineering and Consultants
Intertek USA, Inc.	Xcel Energy

1 SCOPE

This standard covers internal luminaire identification labels for all styles of luminaires used for roadway lighting.

2 NORMATIVE REFERENCES

This standard is intended for use in conjunction with the following American National Standards. When the referenced standards are superseded by a revision approved by the American National Standards Institute, Inc. the latest revision shall apply.

ANSI C136.9-2003, *American National Standard for Roadway and Area Lighting Equipment – Socket Support Assemblies for Metal Heads – Mechanical Interchangeability*

ANSI C136.14-2004 (R2009), *American National Standard for Roadway and Area Lighting Equipment – Enclosed Side-Mounted Luminaires for Horizontal-Burning High-Intensity Discharge Lamps*

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

ANSI C136.18-2006, *American National Standard for Roadway and Area Lighting Equipment – High-mast Luminaires for Horizontal- and Vertical-burning High-intensity Discharge Lamps*

ANSI C136.23-2006, *American National Standard for Roadway and Area Lighting Equipment – Enclosed Architectural Luminaires*

ANSI C136.27-2005, *American National Standard for Roadway and Area Lighting Equipment – Tunnel Lighting Luminaires*

ANSI C136.32-2006, *American National Standard for Roadway and Area Lighting Equipment – Enclosed Setback Luminaires and Directional Floodlights for High-Intensity-discharge Lamps*

NOTE ANSI Standards are available from Global Engineering Documents, 15 Inverness Way East, Englewood, CO 80112-5776
Phone: 303/397-7956, Fax 303/397-2740, e-mail: global@ihs.com or www.global.ihs.com.

3 PHYSICAL REQUIREMENTS

3.1 Dimensions

The label(s) shall be of sufficient size to clearly contain the information required in Section 4.

3.2 Materials

The label(s) shall be made of non-corrosive material and shall be painted or otherwise processed to provide a durable legible surface that is designed to last during the life of the luminaire. They shall also be designed to withstand the temperatures they will be subjected to during the normal operation of the luminaires for which they are intended.

3.3 Method of attachment

The label(s) shall be permanently secured to the luminaire. If adhesive is used, it shall be mildew resistant and shall have no staining effect on the material.