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American National Standard for Roadway and Area Lighting Equipment— Luminaire Field Identification

National Electrical Manufacturers Association

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American National Standard for Roadway and Area Lighting Equipment— Luminaire Field Identification

Secretariat:

National Electrical Manufacturers Association

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CONTENTS

Figures

Tables

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Foreword

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1 Scope

The intent of this Standard is to provide a simple, uniform method for identifying the light source type and wattage rating of a luminaire used for roadway and area lighting. The identification method for solid-state lighting will also include lumen value and correlated color temperature.

2 Normative References

This Standard incorporates 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 C136.14 *American National Standard for Roadway and Area Lighting Equipment—Elliptically Shaped, Enclosed Side-Mounted Luminaires for Horizontal-Burning High-Intensity Discharge Lamps*

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

ANSI C136.32 *American National Standard for Roadway and Area Lighting Equipment—Enclosed Setback Luminaires and Directional Floodlights for High-Intensity Discharge Lamps*

ANSI C136.6-*American National Standard for Roadway and Area Lighting Equipment— Metal Heads and Reflector Assemblies—Mechanical and Optical Interchangeability*

UL 969 *Standard for Marking and Labeling Systems*

3 General

3.1 Lamp Identification

Since a luminaire may be used with a variety of combinations of light sources and wattages, it is desirable to provide the person on the ground with a means of identification of these items.

3.2 Uniform Marking

This Standard provides a means of uniform marking, whether by the manufacturer or user.

3.3 New Luminaires

It is the intent of this Standard that new luminaires used for roadway and area lighting be furnished with the appropriate marker as specified in Sections 4 and 5.

3.4 Multi-Wattage Ballasts/Drivers

Luminaires with ballasts or drivers intended for user-selectable lamp wattages shall be packaged with the appropriate markers.

4 Physical Requirements

4.1 Dimensions

The marker shall meet the dimensions specified in **Figure 1** for HID systems.

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