



NECA 505-2010

Standard for

Installing and Maintaining High Mast, Roadway and Area Lighting

AN AMERICAN NATIONAL STANDARD

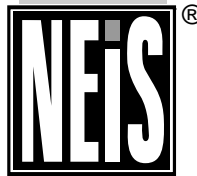


Published by
National Electrical Contractors Association

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(This foreword is not a part of the standard)

Foreword

National Electrical Installation Standards[™] are intended to improve communication among specifiers, purchasers, and suppliers of electrical construction services. They define a minimum baseline of quality and workmanship for installing electrical products and systems. *NEIS*[™] are intended to be referenced in contract documents for electrical construction projects. The following language is recommended:

High mast, roadway, and area lighting should be installed and maintained in accordance with NECA 505-2010, *Standard for Installing and Maintaining High Mast, Roadway and Area Lighting* (ANSI).

Use of *NEIS* is voluntary, and the National Electrical Contractors Association assumes no obligation or liability to users of this publication. Existence of a standard shall not preclude any member or non-member of NECA from specifying or using alternate construction methods permitted by applicable regulations.

This publication is intended to comply with the edition of the National Electrical Code (NEC) in effect at the time of publication. Because they are quality standards, *NEIS* may in some instances go beyond the minimum requirements of the NEC. It is the responsibility of users of this publication to comply with state and local electrical codes when installing electrical products and systems.

Suggestions for revisions and improvements to this standard are welcome. They should be addressed to:

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1. Scope

This standard describes the installation and maintenance procedures for high mast, roadway, area, and sport lighting systems installed outdoors for commercial, institutional, and industrial applications. This Standard applies to high intensity discharge lighting luminaires rated 600 Volts and less and mounted on poles. This Standard does not apply to specialized applications or installations with special environmental or regulatory conditions.

All information in this publication is intended to conform to the National Electrical Code (ANSI/NFPA Standard 70). Installers should always follow the NEC, applicable state and local codes, and manufacturers' instructions when installing and maintaining high mast, roadway, and area lighting systems.

Only qualified persons familiar with the construction and operation of high mast, roadway, and area lighting systems should perform the work described in this publication.

Other *National Electrical Installation Standards* provide additional guidance for installing particular types of electrical products and systems. A complete list of *NEIS* is provided in Annex B.