



Standard for  
**Installing Industrial  
Lighting Systems**

# NEIS



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OR

National Electrical Contractors Association  
3 Bethesda Metro Center, Suite 1100  
Bethesda, Maryland 20814  
(301) 657-3110

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IHS  
15 Iverness Way East  
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# 1. Scope

## 1.1 Products and Equipment Included

This standard describes installation procedures for lighting systems commonly used in industrial and storage buildings, including, but not limited to, the following:

- a) High intensity discharge (HID) low-bay and high-bay lighting systems.
- b) Fluorescent strip lights and general purpose industrial overhead lighting systems.
- c) Common special-purpose and special-environment industrial luminaires.
- d) Lighting installed on industrial wireway and track lighting systems.

## 1.2 Products and Equipment Excluded

While this standard generally covers most industrial lighting systems, the following are specifically excluded:

- a) Recessed and surface mounted indoor commercial lighting systems covered by NECA/IESNA 500-2006 (ANSI).
- b) Lighting systems designed for hazardous (classified) locations, as defined by NEC Article 500, in which special equipment listings or ratings are required.
- c) Lighting systems designed for manufacturing clean rooms, food preparation areas, and other special environments.
- d) Portable lighting.

## 1.3 Related Construction Materials

In addition to the luminaire(s) proper, this standard includes related construction materials, including lamps, conduit, wire, various special screws and clips, structural suspension components, and other related components and parts.

## 1.4 Regulatory and Other Requirements

- a) All information in this publication is intended to conform to the National Electrical Code (ANSI/NFPA 70). It is recommended that all work be performed in accordance with NFPA 70E, *Standard for Electrical Safety in the Workplace*. Installers should always follow the NEC, applicable state and local codes, manufacturer's instructions, and contract documents when installing industrial lighting systems.
- b) Only qualified persons familiar with the construction and installation of industrial lighting systems should perform the work described in this publication.
- c) General requirements for installing electrical products and systems are described in NECA 1, *Standard for Good Workmanship in Electrical Contracting* (ANSI). 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.