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Electronic Drivers for LED Devices, Arrays, or Systems

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Foreword

The NEMA Ballast and Driver Section has revised this standards publication. In its initial preparation, input of users and other interested parties was sought and evaluated. Inquiries, comments, and proposed or recommended revisions should be submitted to the concerned NEMA product subdivision by contacting:

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Section approval of the standard does not necessarily imply that all section members voted for its approval or participated in its development. At the time the standard was approved, the Ballast and Driver Section was composed of the following members:

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Atlas Lighting Products, Inc.
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Lutron Electronics Company, Inc.
OSRAM SYLVANIA Inc.
Philips Lighting
Technical Consumer Products, Inc.
Universal Lighting Technologies

Section 1

General

1.1 Scope

This standard provides specifications for and operating characteristics of non-integral electronic drivers (power supplies) for LED devices, arrays, or systems intended for general lighting applications. Electronic drivers are devices that use semiconductors to control and supply dc power for LED starting and operation. The drivers operate from supply sources of 600 V AC or DC maximum at a frequency of 50 or 60 hertz.