

NEMA SSL 1

ELECTRONIC DRIVERS FOR LED DEVICES, ARRAYS, OR SYSTEMS

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Foreword

The NEMA Solid State Lighting Section has developed this standards publication. In its 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 Solid State Lighting Section was composed of the following members:

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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 multiple supply sources of 600 V maximum at a frequency of 50 or 60 hertz.