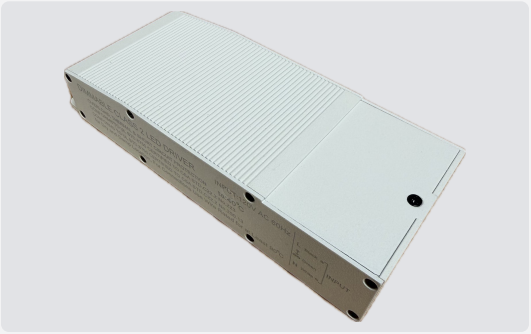
DayTech LED

5250 Satellite Drive, Unit 7, Mississauga ON L4W 5G5
Tel 905-617-0298
www.daytechled.com

LED DRIVER · PRODUCT SPECIFICATION

Electronic Constant Voltage Dimmable LED Driver

UL LISTED | CLASS 2 | NEMA 3R



PS-40/60/96W EM-D Series
Aluminum case

QUICK SPECS

INPUT VOLTAGE	MAX OUTPUT POWER	OUTPUT VOLTAGE
120 VAC	40–96 W	12/24 VDC

OUTPUT CURRENT	EFFICIENCY @ MAX LOAD	THD @ MAX LOAD
1.6–5 A	>90 %	<20 %

POWER FACTOR @ MAX	ENVIRONMENTAL	WEIGHT
>0.95	NEMA 3R	720 g

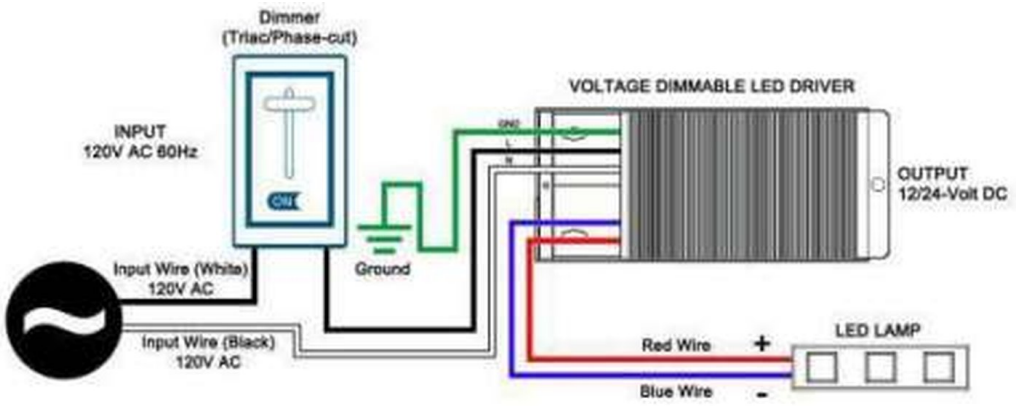
PRODUCT OVERVIEW

This series of **Class 2 LED drivers** offers output power from 40 to 96 W at 12/24 VDC. It is fully dimmable with standard MLV / incandescent TRIAC (leading-edge) dimmer switches and delivers smooth, flicker-free dimming. The UL Listed version includes a wiring compartment with 2 knockouts for easy installation, eliminating the need for a J-box. Rated NEMA 3R for indoor and outdoor use and designed to operate in extreme environmental conditions. **5-year warranty** standard on all dimmable products.

FEATURES

- Dimmable with standard MLV / incandescent TRIAC (leading-edge) dimmers
- Compatible with both magnetic and electronic dimmers
- No minimum load required for smooth dimming
- Super compact aluminum case
- Class 2 · UL 8750
- NEMA 3R – outdoor use
- Auto-reset protection for short circuit & over voltage

WIRING DIAGRAM



Specifications subject to change without notice.

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LED DRIVER · DETAILED SPECIFICATIONS

Specifications

PART NO. **PS-96W-EM-D**

INPUT

Input Voltage	**120 VAC**
Input Current @ Max Load	**0.61 A**
Power Factor	**0.95**
Efficiency	**>90%**

OUTPUT

Max Load	**40–96 W**
Output Voltage	**12/24 VDC**
Output Current @ Max Load	**1.6–5 A**

ENVIRONMENTAL

Operating Ambient Temperature	**-30 °C to 50 °C**

PROTECTIONS

Short Circuit Protection	**Yes**
Over Current Protection	**Yes**
Over Temperature	**Yes**
Open Circuit Protection	**Yes**

MECHANICAL & HOUSING

Input Wires (White/Black)	**18 AWG**
Output Wires (Red/Black)	**14 AWG**
Length	**177 mm**
Width	**70 mm**
Height	**35 mm**
Weight	**720 g**
Housing Material	**Aluminum**
Housing Color	**Black**
Junction Box	**Yes**
Mounting	**Two-hole flange mounting**

APPROVAL MARKINGS

Certificates / Approvals	**UL 8750, Class 2**

ORDERING INFORMATION

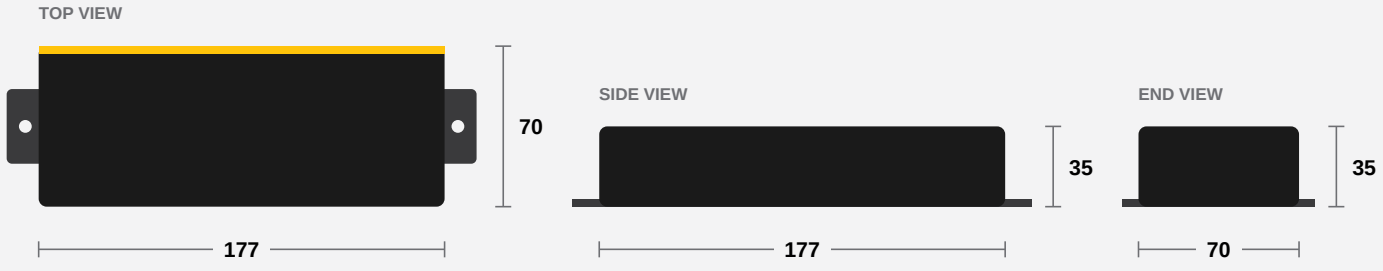
PART NUMBER

EM-D Series Driver — PS-40/60/96W EM-D Series

MAX POWER	☐ 40W	☐ 60W	☐ 75W	☐ 96W
VOLTAGE	☐ 12V	☐ 24V	DC output	
DIMMING	TRIAC / MLV (leading edge)			
WARRANTY	5 years			

DIMENSIONS

Dimensions in mm · Not to scale



Outline drawing for reference only; flange tabs illustrative.