DayTech LED

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

LED DRIVER · PRODUCT SPECIFICATION

EM-D Series Dimmable Constant Voltage LED Driver

c UL us LISTED

PART NO. **PS-96W-24V-EM-D**

UL LISTED | CLASS 2 | NEMA 3R



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

INPUT VOLTAGE	MAX OUTPUT POWER	OUTPUT VOLTAGE
120 VAC	96 W	24 VDC

OUTPUT CURRENT	EFFICIENCY @ MAX	DIMMING
4.0 A	>90 %	TRIAC MLV

POWER FACTOR	ENVIRONMENTAL	WARRANTY
>0.95	NEMA 3R	5 years

PRODUCT OVERVIEW

This series of **Class 2 LED drivers** offers 40 to 96 W at 12 or 24 VDC. It dims smoothly and flicker-free with standard MLV / incandescent **TRIAC** (leading-edge) dimmers. The UL Listed wiring compartment with 2 knockouts eliminates the need for a J-box, and the **NEMA 3R** rating allows indoor and outdoor use. **5-year warranty.**

FEATURES

- Dims with MLV / incandescent TRIAC dimmers
- Magnetic and electronic dimmer compatible
- No minimum load for smooth dimming
- Super compact aluminum case
- Class 2 · UL 8750 · NEMA 3R
- Auto-reset short circuit / over-voltage protection

ORDERING CONFIGURATION

1 · MAX OUTPUT POWER

☐ 40 W ☐ 60 W ☑ 96 W

2 · OUTPUT VOLTAGE

☐ 12 VDC — 40 W or 60 W only ☑ 24 VDC — 40 W, 60 W or 96 W

AVAILABLE CONFIGURATIONS

PS-40W-12V-EM-D	40 W · 12 VDC · 3.3 A
PS-60W-12V-EM-D	60 W · 12 VDC · 5.0 A
PS-40W-24V-EM-D	40 W · 24 VDC · 1.7 A
PS-60W-24V-EM-D	60 W · 24 VDC · 2.5 A
PS-96W-24V-EM-D	96 W · 24 VDC · 4.0 A

12 V is not offered in 96 W.

YOUR PART NUMBER

PS-96W-24V-EM-D

96 W · 24 VDC · 4.0 A max

QTY

PO #

PROJECT

TRIAC / MLV dimming · 5-year warranty

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LED DRIVER · DETAILED SPECIFICATIONS

Specifications & Wiring

PART NO. **PS-96W-24V-EM-D**

INPUT

Input Voltage	**120 VAC**
Input Current @ Max Load	**0.61 A (96 W)**
Power Factor	**0.95**
Efficiency	**>90%**

OUTPUT

Max Load	**96 W**
Output Voltage	**24 VDC**
Output Current @ Max Load	**4.0 A**
Dimming	**TRIAC / MLV (leading edge)**

ENVIRONMENTAL & PROTECTION

Operating Ambient Temp.	**-30 °C to 50 °C**
Short Circuit / Over Current	**Yes**
Over Temperature	**Yes**
Open Circuit	**Yes**

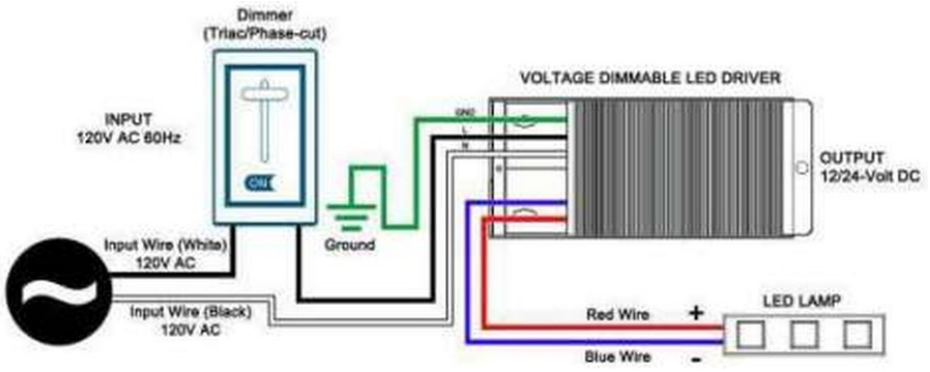
MECHANICAL & HOUSING

Input Wires (White/Black)	**18 AWG**
Output Wires (Red/Black)	**14 AWG**
Dimensions (L × W × H)	**177 × 70 × 35 mm**
Weight	**720 g**
Housing	**Aluminum, black**
Junction Box	**Yes, 2 knockouts**
Mounting	**Two-hole flange**

APPROVALS & WARRANTY

Certificates / Approvals	**UL 8750, Class 2**
Environmental	**NEMA 3R, indoor/outdoor**
Warranty	**5 years**

WIRING DIAGRAM



DIMENSIONS (MM)

