

DUREL® Electroluminescent POP Driver, 3 Sq-Ft

APPLICATIONS: Out Of Home Advertising

- Point of Purchase
- Banners
- Posters

FEATURES AND BENEFITS:

Output Regulation

Provide uniform brightness independent of lit size.

High Power

Optimize with Rogers' Electroluminescent at 180 Vac, 870 Hz sine-wave output for high brightness.

Size

Designed to be light weight and ideally small, can drive up to 3 sq ft of lit area of any POP signs.



1DDI003AA-S01

The driver is designed to produce a smooth, high voltage sine-wave to reduce audible noise. The driver efficiently converts 110Vac/ 60Hz to a voltage regulated output of 180Vac/ 870Hz.

Designed especially for the Out Of Home advertising market, Rogers' EL driver and sequencer box can provide animation to your ad. Multiple segments can be lit and controlled separately, providing eye-catching highlights to your message, or animation to your graphics.

The information contained in this data sheet is intended to assist you in designing with Rogers' EL systems. It is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose or that the results shown on the data sheet will be achieved by a user for a particular purpose. The user should determine the suitability of Rogers' EL systems for each application.

TYPICAL & MAXIMUM RATINGS:

	Min	Nominal	Max	Unit
Input Voltage		110	140	Vac
Input Frequency		60		Hz
Input Current			1.2	A
Output Voltage		180	190	Vac
Output Frequency	860	870	880	Hz
Output Current			1	A
Operating Temperature	-10		40	C
Maximum Lit Area*			3.0 / 0.28	ft ² / m ²

* Maximum EL lit area using Rogers' Electroluminescent (EL) lamps.

Warning

Power supply produces hazardous voltages which can cause bodily harm or death. To prevent electrical shock, use this device within specifications. Avoid direct contact with output conductors when device has power.

This device is intended for use in dry indoor environments only.

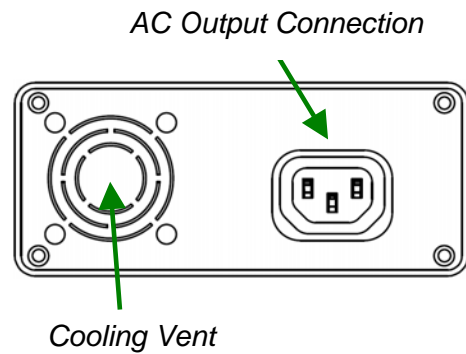
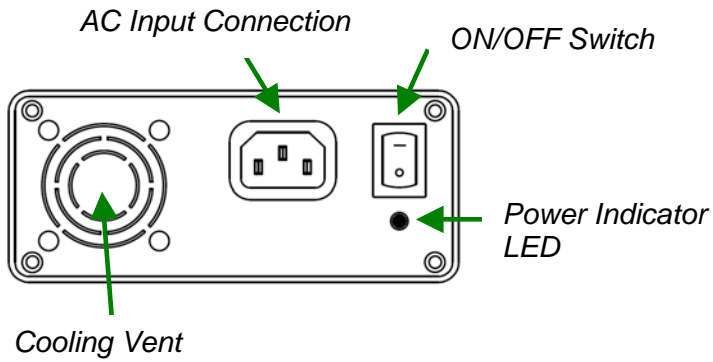
Do not disassemble power supply. No user serviceable components inside.

Instructions:

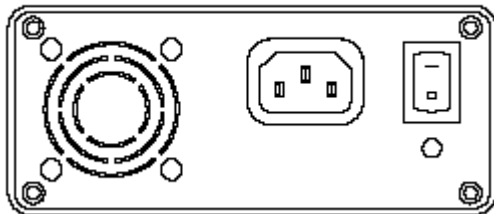
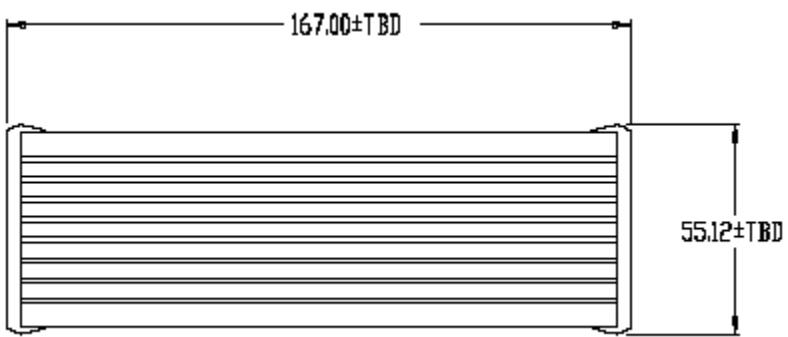
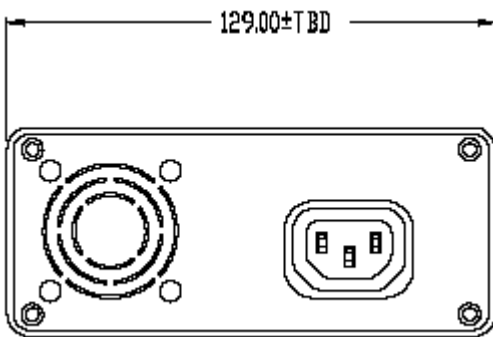
- Before turning on the EL power supply, check to make sure the input connection to the unit and the output connection to the EL lamp are connected.
- To turn the power supply ON, press the switch in the "I" direction. The red power LED indicator will light when the device has power.
- To turn the power supply OFF, press the switch in the "O" direction. The red power LED indicator will not light when the device is off.
- After turning off the device, wait a minimum of 5 seconds before reactivating.

Note: Do not obstruct cooling vents on power supply. Power supply must be positioned with adequate air circulation.

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Product Dimensions:



Weight: 1.6 Lbs

Other Information:

- Input Connector Cord Type: IEC 320 (C14)
- Output Connector Cord type: IEC 320 (C13)

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