

## 96 Watt Power Supply for Emergency Ballast for EMG LED Light Fixtures Instruction Manual

Do not attempt installation until you are familiar with all warnings, precautions, and procedures outlined within this instruction sheet.

### WARNING:

**READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE. CRITICAL SAFETY INSTRUCTIONS:**

Risk of electrical shock and energy hazard. All failure should be examined by a qualified technician. Please do NOT remove the case of the power supply by yourself.

Please do NOT install power supplies in places with high ambient temperature or close to a fire source. Please refer to the specifications about the maximum ambient temperature limitations.

Output current and output wattage must not exceed the rated values on the specifications.

Installation should be conducted by a qualified electrician in accordance with NEC and any relevant local building codes.

This power supply can be operated on a range of voltages with an input of 90-305VAC converted to 12-24 Volts DC. This IP67 rated waterproof transformer is specifically designed to be wired into EMG LED light fixtures.

### INSTALLATION

This converter includes flying leads and can operate within voltages 90-305VAC and converts it to 12VDC or 24VDC at 4000 mA.

Connect input cable to incoming line wires within operating voltage range. Connect equipment to output on opposite end. The device connected will power on once energized. If not, check power source and connections.



Output Current - 4000 mA  
 Input Voltage Range - 90-305V AC  
 Output Voltage Range - 12-24V DC  
 Maximum Output - 96 Watts  
 Typical Efficiency - 87%  
 Power Factor - 0.99 @ 120V AC, 0.99 @ 220V AC  
 Dimmable: Yes

**NOTE:** In order to obtain the best performance and the longest operational life from these units, it is recommended that you do not exceed 75% of the unit's output amperage. To determine if this converter suits your desired application, add together the total wattage of the equipment you intend to use with this unit and divide this total by 12 volts to find the total amperage draw that will be placed upon the converter.

THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT [SALES@LARSONELECTRONICS.COM](mailto:SALES@LARSONELECTRONICS.COM) OR BY PHONE AT 1-800-369-6671 FOR FURTHER ASSISTANCE.

PLEASE VISIT [LARSONELECTRONICS.COM](http://LARSONELECTRONICS.COM) FOR **WARRANTY** AND **RETURN** INFORMATION.