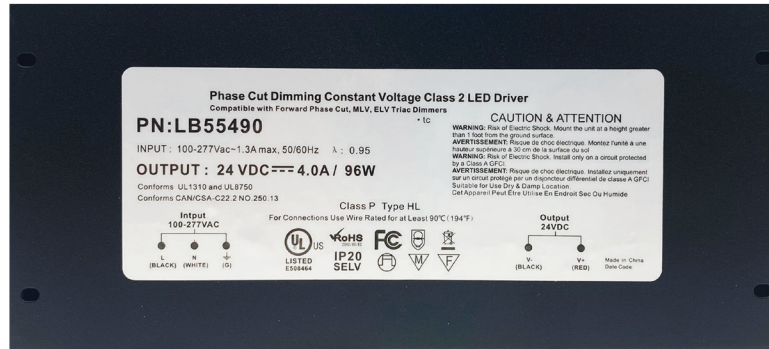




# 96 WATT

## POWER SUPPLIES DRIVERS



### FEATURES

- Output constant voltage
- Built-in PFC function
- Protections: short circuit/ over voltage/ over heat
- Cooling by free air convection
- Flicker-free
- Work with leading edge & trailing edge triac dimmers
- Class 2, Class P, Type HL, CE, UL, FCC compliant
- PWM output, does not change the color index
- Metal housing
- Suitable for dry location
- Strong compatibility, flicker-free dimming
- Suitable for LED lighting and moving sign applications
- Compliance to worldwide safety regulations for lightings.
- Compatible with Forward phase, Reverse phase, Triac, MLV, ELV Dimmers
- 3 years warranty

### SPECIFICATIONS

|                 |             |                 |                       |
|-----------------|-------------|-----------------|-----------------------|
| • Wattage       | 96W         | • Dimming Range | 0~100%                |
| • Input Voltage | AC 100-277V | • Weight        | 2.9 lb                |
| • PF            | >0.90       | • Dimensions    | 8.66" x 3.6" x 1.61"  |
| • Efficiency    | >88%        |                 | (220mm x 90mm x 41mm) |

### ORDERING GUIDE

| Model   | Dimming  | Voltage | Current | Load Regulation |
|---------|----------|---------|---------|-----------------|
| LB55490 | Dimmable | 24V     | 4A      | 1±              |



# 96 WATT POWER SUPPLIES DRIVERS

|             |                             |  |
|-------------|-----------------------------|--|
| OUTPUT      | Voltage                     | 24V  |
|             | Voltage Accuracy            | ±0.5V  |
|             | Voltage Regulation          | ±0.5%  |
|             | Rated Current               | 4.0A   |
|             | Load Regulation             | ±1%  |
|             | Rated Power                 | 96W  |
| INPUT       | Voltage Range               | 100-277V AC  |
|             | Frequency Range             | 47~63HZ  |
|             | Power Factor (Typ.)         | 0.98/110V 0.95/277V  |
|             | Full Load Efficiency (Typ.) | >88%   |
|             | AC Current (Typ.)           | 1.3A@110VAC  |
|             | Leakage Current             | <0.5mA   |
| PROTECTION  | Over Voltage                | ≤140VAC(90~135V), ≤270VAC(170~265V)                                  |
| ENVIRONMENT | Working Temperature         | -40~+60°C  |
|             | Working Humidity            | 20~90%RH, non-condensing   |
|             | Storage Temp. Humidity      | -40~+80°C, 10~95%RH  |
|             | Temp. Coefficient           | ±0.03%/°C (0~50°C)   |
|             | Vibration                   | 10~500Hz, 2G 10min./1 cycle, period for 60min. each along X,Y,Z axes |

