

PREPARED BY:
PROJECT:
TYPE:



96 WATT POWER SUPPLIES



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" (220mm x 90mm x 41mm)
• Efficiency	>88%		

ORDERING GUIDE

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

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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

