



30W LED ELECTRONIC DRIVER

POWER SUPPLIES

PROJECT:

PREPARED BY:

DATE:

TYPE:



FEATURE

- 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

PERFORMANCE

• Wattage	30W	• Dimming Range	0-100%
• Input Voltage	AC 100-277V	• Weight	2.09 lb
• PF	>0.99	• Dimensions	6.5" x 3.6" x 1.02"
• Efficiency	>79%		(165mm x 92mm x 26mm)

ORDERING GUIDE

Model	Dimming	Output Voltage	Wattage	Rate Current	Load Regulation
LB55488	Dimmable	24V	30W	1.25A	1±





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SPECIFICATION CHART

Output	Voltage	24V
	Voltage Accuracy	±0.5V
	Voltage Regulation	±0.5%
	Rated Current	1.25A
	Load Regulation	±1%
	Rated Power	30W
Input	Voltage Range	100-277V AC
	Frequency Range	47-63HZ
	Power Factor (Typ.)	0.99@120VAC 0.97@277VAC
Output	Full Load Efficiency (Typ.)	79%
	AC Current (Typ.)	0.5A/100VAC
	Inrush Current (Typ.)	7A, 50%, 420
	Leakage Current	<0.50mA
	Over Voltage	≤140VAC(90-135V), ≤285VAC(170-277V)
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, 5G 10min./1 cycle, period for 60min. each along X,Y,Z axes

