120W DIMMABLE LED DRIVER

SPECIFICATIONS:
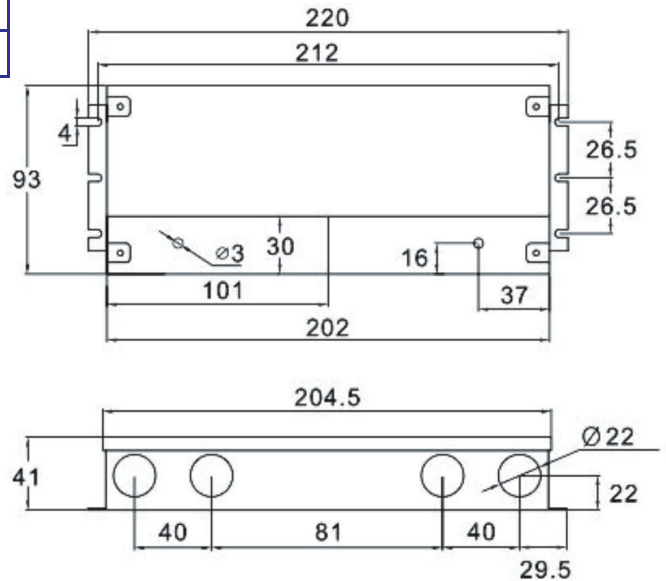
Wattage	120W
Input Voltage	AC 100-277V
PF	>0.97
Efficiency	>87%
Dimming Range	0~100%
Weight	2.9 lb (1.3Kg)
Dimensions	8.66" x 3.66" x 1.81"
	(220mm x 93mm x 1.61mm)

MODEL #	DC Voltage	Current	Full Load Efficiency
LB55483	12V	10 A	>82%
LB55470	24V	5 A	>83%

PRODUCT FEATURES:

- Output constant voltage type
- UL, cUL listed, Class P, Type HL
- Built-in PFC Function
- Protection: short circuit/ over voltage/ over heat
- Suitable for indoor or outdoor installations
- Cooling by free air convection
- Suitable for led lighting and moving sign applications
- Compliance to worldwide safety regulations for lighting

Input: 18AWG Black and White to be connected to AC L and N.
Green wire go ground.

Output: Rl6AWG, Red to LED Positive side(+), Black to LED Negative side(-).

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OUTPUT	Voltage Accuracy	±0.5V
	Voltage Regulation	±0.5%
	Load Regulation	±2%
INPUT	Voltage Range	100-277V AC
	Frequency Range	47~63HZ
	Power Factor(Typ.)@ full load	0.99@120V AC 0.96@277V AC / 0.98@120V AC 0.96@277V AC
	Full Load Efficiency (Typ.)	80%@120V 84%@230V 84%@277V / 85%@120V 88%@230V 88%@277V
	AC Current (Typ.)	1.7A @ 110V AC
	Leakage Current	<0.50mA
PROTECTION	Short Circuit	Shut down o/p voltage, re-power on to recover after fault condition is removed
	Over Load	≤120% constant current limiting, auto-recovery
	Over Temperature	100°C± 10°C shut down o/p voltage, automatically recover after cooling
	Over Voltage	≤140VAC(100~ 130V), ≤270VAC (170-277V)
ENVIRONMENT	Working Temperature	-40~+60°C
	Working Humidity	20~90%RH, non-condensing
	Storage Temperature & Humidity	-40~+80°C, 10~95%RH
	Temperature Coefficient	±0.03%/°C (0~50°C)
	Vibration	10~500Hz 2G 10min./1 cycle, period for 60min. each along X,Y,Z axes

CONNECTING DIAGRAM: