200W DIMMABLE LED DRIVER

SPECIFICATIONS:

Wattage	200W
Input Voltage	AC 100-277V
PF	>0.97
Efficiency	>88%
Dimming Range	0~100%
Weight	4 lb (1.8Kg)
Dimensions	10.23" x 4.05" x 1.81"
	(260mm x 103mm x 46mm)

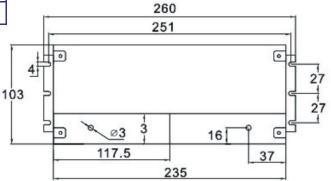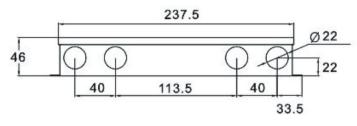| MODEL #	DC Voltage	Current	Load Regulation
LB55485	12V	16.67 A	±2%
LB55471	24V	8.33 A	±1%

PRODUCT FEATURES:

- Output constant voltage type
- UL, cUL listed, Class P, Type HL
- Built-in PFC Function
- Protection: short circuit/ over voltage/ over heat
- PWM output, does not change the color index
- 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: 14AWG, Red to LED Positive side(+), Black to LED Negative side(-).

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OUTPUT	Voltage Tolerance	±0.5V
	Voltage Regulation	±0.5%
INPUT	Voltage Range	100-277V AC
	Frequency Range	47~63HZ
	Power Factor(Typ.)@ full load	0.99@120V; 0.98@230V; 0.97@277V / 0.99@120V; 0.97@230V; 0.96@277V
	THD (Typ.) @ Full load	<10%@120V <20%@230V <20%@277V
	Inrush Current (Typ.)	15A,50%, 1.4ms@ 120V; 55A,50% 220us@230V; 30A,50%2.3A @110V AC
	AC Current (Typ.)	2.31A @ 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	≤1.4*l out
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: