

POWER SUPPLIES

60W DIMMABLE LED DRIVER

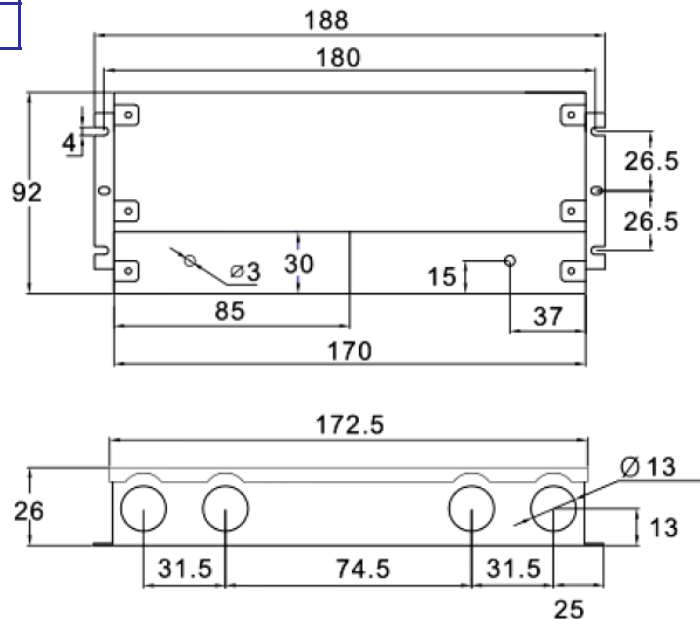
SPECIFICATIONS:

Wattage	60W
Input Voltage	AC 100-277V
PF	>0.97
Efficiency	>85%
Dimming Range	0~100%
Weight	2.4 lb (1.1Kg)
Dimensions	7.40" x 3.62" x 1.02" (188mm x 92mm x 26mm)

MODEL #	DC Voltage	Current	Load Regulation
LB55481	12V	5 A	2±
LB55489	24V	2.5 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
- Suitable for indoor or outdoor installations
- Cooling by free air convection
- Work with leading edge and trailing edge triac dimmers available
- PWM output, does not change the color index
- Metal housing, suitable for dry, damp, wet location
- Strong compatibility, flicker-free dimming
- 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: Red is (DIM+), Black is (DIM-)

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OUTPUT	Voltage Tolerance	±0.5V
	Voltage Regulation	±0.5%
	Voltage Range	100-277V AC
	Frequency Range	47~63HZ
INPUT	Power Factor(Typ.)@ full load	0.98@120VAC 0.94@277VAC
	THD (Typ.) @ Full load	>83%@110V, >85%@277VAC >85%@110V, >86%@277VAC
	Inrush Current (Typ.)	14A, 50%, 780us
	AC Current (Typ.)	0.9A/110VAC
	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(90~135V) , ≤285VAC(170~277V)
	Working Temperature	-40~+60°C
ENVIRONMENT	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.

CONNECTING DIAGRAM:

