

## SPECIFICATION SHEET

JOB NAME: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 QUOTE/REF#: \_\_\_\_\_



Hardwire LED drivers are commonly used for DC LED systems, typically with on/off switches or compatible RGB controllers. These constant voltage drivers are the perfect match for 120V switches and RGB(W) and DMX controls. Available in a wide range of wattages and multiple form factors. Use these LED drivers to meet your specific low-voltage lighting needs.

### FEATURES



- Universal AC Input / Full Range
- Free Air Convection Cooling
- Fully Isolated PLastic Case
- Small Form Factor / Compact Size
- Short Circuit / Overload / Over Voltage Protection
- 100% Full Load Burn-In Test
- Suitable for Indoor / Outdoor Use

### INPUT SPECIFICATIONS

INPUT VOLTAGE RANGE	100V ~ 240V AC $\pm$ 6%
FREQUENCY RANGE	47 ~ 63 Hz
EFFICIENCY	86%
AC CURRENT	2.2A/115VAC   1.2A/230VAC
INRUSH CURRENT	COLD START 60A at 230VAC
LEAKAGE CURRENT	0.25mA / 240VAC

### ENVIRONMENT

WORKING TEMPERATURE	-25 ~ 70°C
WORKING HUMIDITY	20~90% RH non-condensing
STORAGE TEMPERATURE	-40~80°C
HUMIDITY	10~95% RH
TEMP COEFFICIENT	$\pm$ 0.03% °C (0~50°C)
IP RATING	IP67

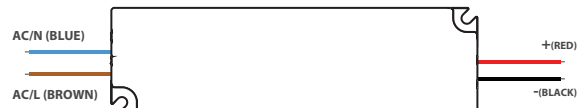
### OUTPUT SPECIFICATIONS

OUTPUT VOLTAGE	12V
OUTPUT CURRENT	8.5A
CURRENT RANGE	0 ~ 8.5A
OUTPUT POWER	102W
RIPPLE & NOISE	102.8mVp-p
VOLTAGE TOLERANCE	$\pm$ 5.0%
LINE REGULATION	$\pm$ 1.0%
LOAD REGULATION	$\pm$ 2.0%
SETUP, RISE TIME	500ms, 20ms/230VAC
	500ms, 20ms/115VAC at full load
HOLD UP TIME	50ms/230VAC
	16ms/115VAC at full load

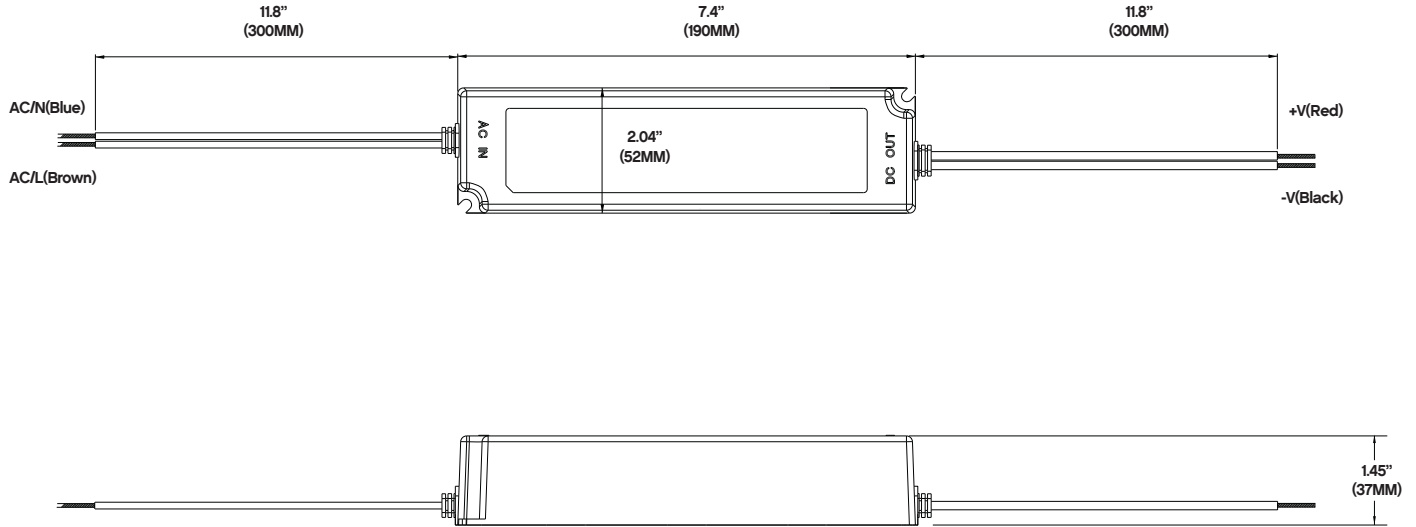
### SAFETY SPECIFICATIONS

OVER LOAD	Hiccup Mode
OVER VOLTAGE	Shut Off o/p Voltage

### WIRING DIAGRAM



## DIAGRAM AND DIMENSIONS



## INSTALLATION GUIDE



**THIS TRANSFORMER IS ONLY TO BE INSTALLED BY A QUALIFIED TECHNICIAN IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRICAL CODES**

### BEFORE YOU BEGIN

Make sure the transformer has the proper input voltage and wattage for the intended job. Check wiring and make sure they match the diagram on this guide.

### MOUNTING

Select a suitable and proper location to mount the driver. Consider the weight of the driver to be supported.

### INPUT CONNECTIONS / GROUNDING

1. Remove input wiring cover and install strain reliefs.
2. Make sure power is turned off. Route input wires and make connections based on wiring diagram following the INPUT side.
3. Make sure that driver is properly grounded in accordance with the N.E.C.

### OUTPUT CONNECTIONS

1. Remove output wiring cover and install clamp connectors.
2. Make sure power is turned off. Route fixture wires and make connections based on wiring diagram following the OUTPUT side.

## DERATING CURVE

