Low Voltage AC LED Electronic Transformer

AC LED Technology by Lynk Labs
Compatible with Phase-cut Dimmers

Specifications

Input Voltage:	120Vac @ 50/60 Hz
Drive Voltage:	12V Nom. @ 50/60 Hz
Minimum Load:	0.5W
Operating Frequency:	25KHz inverter square wave, 100/120 Hz sinewave envelope
Power Factor:	> 0.95
THD:	<50%
Dimmable:	100% to 0%
Output Protection:	Short Circuit
Input Leads:	18AWG stranded (Black/White) 105ºC, stripped ⅜", tinned
Output Leads:	18AWG stranded (Red) 105ºC, stripped ⅜", tinned
Enclosure:	Aluminum
Max Case Temp:	15W: 90ºC, 30/60W: 85ºC
Min Starting Temp:	-30ºC
Operating Humidity:	95% relative humidity, non-cond.
Weight:	68gm (0.15 lb)
Safety Listing:	Class P Type 1 outdoor, UL Class 2
Sound Rating:	A+

Patented low voltage power supplies drive AC LEDs at high frequency for flicker-free operation. Designed for LED loads.

Smaller and lower cost than DC LED drivers, yet output more power.

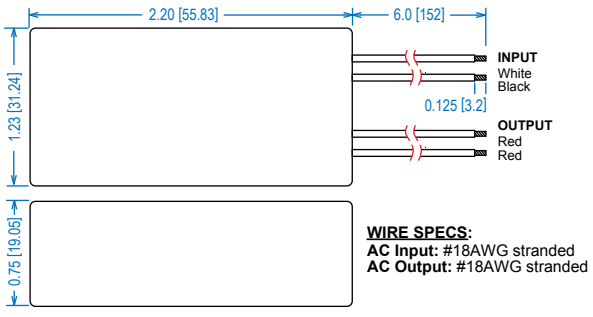
Features

- Compatible with most existing leading edge or trailing edge phase cut AC Dimmers
- High Reliability
- High Power Factor
- Lightweight, Compact Design
- Class P Type 1 Outdoor
- Moisture Resistant
- No Audible Noise

Applications

- All 12V AC applications
- MR16 lamps
- Under Cabinet Lights
- General Indoor Lighting
- Garden Lights
- Display Lights
- Retail track lights
- White goods interior lights

12V AC LED Driver			
Model Number	**Output Power** *(W)*	**Input Voltage** *(Vac)*	**Output Voltage** *(± 0.3 Vac)*
99002	15	120	11.7
99004	30	120	11.7
99006	60	120	11.7



Electronic Short-Circuit Protection

These low-voltage transformers employ Electronic Short Circuit and Overload Protection. The ESP sensing circuit instantly shuts down the output before any of the components are stressed if a short circuit or overload is detected. Automatically resets when the fault is corrected.

Soft Start Circuitry

These low-voltage transformers utilize a soft start circuitry to maximize life. The soft start circuit ramps up the drive voltage slowly minimizing thermal stress in the LED.

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