



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) 105°C, stripped 3/8", tinned
Output Leads:	18AWG stranded (Red) 105°C, stripped 3/8", tinned
Enclosure:	Aluminum
Max Case Temp:	15W: 90°C, 30/60W: 85°C
Min Starting Temp:	-30°C
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

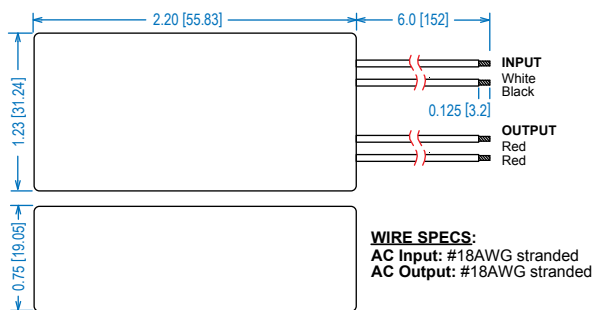
- Compatible with most existing leading edge or trailing edge phase cut AC Dimmers
- High Reliability
- High Power Factor
- Lightweight, Compact Design
- Class P Type 1 Outdoor
- Moisture Resistant
- No Audible Noise

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.