



HAWYANG SEMICONDUCTOR CORP.

HYP-T8-A

LED Driver Module Specification

Design by :

Check by

App. by:

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ADD : 6F., NO.96, MINCHIUAN RD., SHINDIAN CITY, TAIPEI, TAIWAN, R.O.C.

TEL : +886-2-2219-0903 FAX : +886-2-2219-3189 <http://www.hawyang-semi.com>

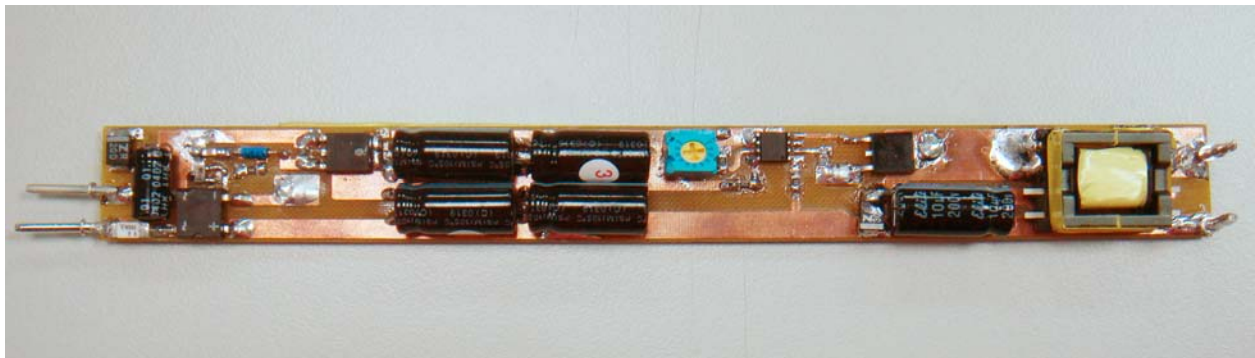


Product Specifications:

- Vin: AC 90-260V
- Constant Current Output, insure the LED use safety
- Uses non-isolated schematic diagram, and high efficiency drive module
- Instead of the original T8 LED Tube directly

HYP-T8-A drive module is designed specifically for lamps that use **T8 LED Tubes**. Capable of driving approximately 12W LED ($V_f=3V\sim 3.3V; I=20mA$) with **15 Series LEDs** connection along with **12 Sets (180 LEDs total)**.

Driving module uses non-isolated schematic diagram which can provide high efficiency power transfer, resulting in lower module temperature. Driving module' s input voltage is AC **90V ~ 260V**, can instead of the original T8 LED tube, and does not require any modifications to the hardware specifications; providing higher compatibility.



	Option	Parameter
Input	Working Voltage Range (V)	AC 90-260V
	Input Current (mA)	0.25A Max
	Efficiency (%)	89% (Vin: AC 90V Vout: 49.5V*240mA)
Output	Output Voltage (V)	DC 49.5V (VF3.3V*15 LEDs)
	Constant Current & Accuracy(mA)	240mA±5%
	Working Temperature (°C)	-10°C - +85°C
Others	Ambient Temperature (%)	20%-95%RH
	Outer Dimension (L x W x H) (mm)	155.6mm x 18.7mm x 11.2