

TLD24V-MINI-96W

24V Driver for Pinnacle Series Specification Grade LED Tape Light



FEATURES

- Compact size
- Output constant voltage
- UL, cUL listed, Class 2, Class P, Type HL
- AC input: 120VAC
- Power Factor: up to 0.94
- High efficiency: up to 88%
- Dimming range: 0-100%
- Load: 20-100%
- Protection: short circuit/over loading
- Plastic enclosure, for dry or damp location
- Flicker-free
- Use ELV dimmers for best dimming compatibility
- Install in enclosure (not included)



SPECIFICATIONS

Model	TLD24V-MINI-60W	
Certificates	UL cUL Class 2 FCC	
Output	DC Voltage	24V
	Rated Current	4A
	Rated Power	96W
	Voltage Tolerance	±1V
Input	Voltage Range	120VAC
	Frequency Range	47-63Hz
	Power Factor (Typ.) @ full load	0.94@120VAC
	THD (Typ.) @ full load	<20%
	Efficiency (Typ.) @ full load	88%
	AC Current (Max.)	0.9A@120VAC
	Leakage Current	<0.50mA
Protection	Short Circuit	Shut down o/p voltage, re-power on to recover after fault condition is removed
	Over Loading	≤120% shut down o/p voltage, re-power on to recover
Environment	Working Temperature	-40~+140°F (-40~+60°C)
	Working Humidity	20~90%RH, non-condensing
	Storage Temperature & Humidity	-40~+176°F (-40~+80°C), 10~95%RH
	Temperature Coefficient	±0.03%/°F/°C (32~122°F / 0~50°C)
	Vibration	10~500Hz, 5G 10min./1 cycle, period for 60min. each along X,Y,Z axes
Safety & EMC	Safety Standards	UL8750, CLASS 2 unit
	Withstand Voltage	I/P-O/P: 1.88KVAC
	EMC Emission	FCC Part 15 B
Others	Net. Weight	0.37 lbs / 0.17Kg
	Size	3.3" / 89mm (L) x 1.6" / 38mm (W) x 0.98" / 26mm (H)
	Master Case	50PCS/CTN

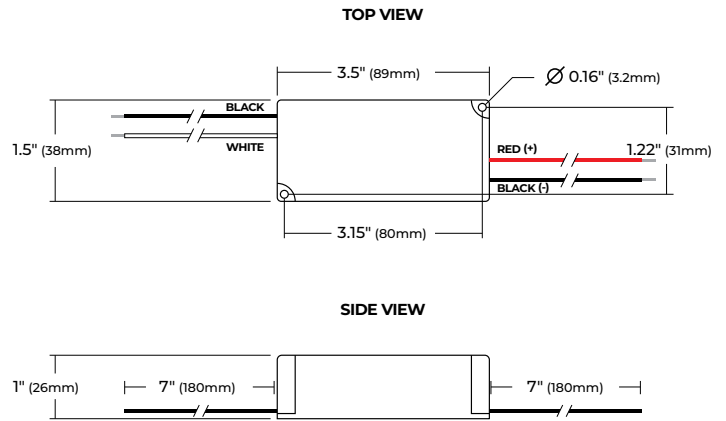
* All parameters if NOT specially mentioned are measured at 120VAC input, rated load and 25°C (77°F) of ambient temperature.

APPLICATIONS

The Pinnacle Series MINI has been designed for those projects with tight spaces for the driver location. While it can be used for dimming applications, we recommend the use of an ELV dimmer for the best results with this 60W MINI transformer driver.

DIMENSIONS

Driver



3.5" / 89mm (L) x 1.5" / 38mm (W) x 0.98" / 26mm (H)

RATINGS



Damp locations

ORDERING GUIDE

Pinnacle TLD24V-MINI Series

Series	Wattage	Input Voltage	Output Voltage
TLD24V-MINI	96W	120V AC	24V DC

Notes: Configure product using **BOLD** options. Ex.: **TLD24V-MINI-96W**

ACCESSORIES



Junction Box (JBX-TLD-MINI)

Galvanneal junction box and wiring compartment enclosure with built-in separation for 120V and 24V wiring compartments. Fits both 60W & 96W "MINI" transformer drivers. (sold separately). Dimensions: 6.42" (L) x 3.7" (W) x 1.42" (H) / 163mm x 94mm x 36mm