

TLD24V-25W

24V Driver for Pinnacle Series Puck Lights and Tape Light



FEATURES

- Output constant voltage
- ETL, cETL listed, Class 2
- AC input: 100-130VAC
- High efficiency: up to 84%
- Dimming range: 5-100%
- Load: 5-100%
- Protection: short circuit/over loading / Over temperature
- Plastic housing, for dry or damp location
- Flicker-free
- Compatible with Forward phase, Triac, MLV Dimmers
- Recommended & tested driver for Pinnacle Series puck lights and tape light



SPECIFICATIONS

Model	TLD24V-25W	
Certificates	ETL cETL Class 2 FCC	
Output	DC Voltage	24V
	Rated Current	1.04A
	Rated Power	25W
	Voltage Tolerance	±0.5V
Input	Voltage Range	100-130VAC
	Frequency Range	47-63Hz
	Power Factor (Typ.) @ full load	0.65@120VAC
	Efficiency (Typ.) @ full load	84%
	AC Current (Max.)	0.9A
	Leakage Current	<0.50mA
Protection	Short Circuit	Hiccup mode, recover after fault condition is removed
	Over Loading	≤120%
	Over Temperature	100°C±10°C shut down o/p voltage, automatically recover after cooling
Environment	Working Temperature	-40~+60°C (-40~+140°F)
	Working Humidity	20~90%RH, non-condensing
	Storage Temperature & Humidity	-40~+80°C (-40~+176°F), 10~95%RH
	Temperature Coefficient	±0.03%/°C/°F (0~50°C/32~122°F)
	Vibration	10~500Hz, 2G 12min./1 cycle, period for 72min. each along X,Y,Z axes
Safety & EMC	Safety Standards	UL8750+UL1310, CLASS 2 unit
	Withstand Voltage	I/P-O/P: 1500VAC
	Isolation Resistance	I/P-O/P:100MΩ/500VDC/25°C(77°F)/70%RH
	EMC Emission	FCC Part 15 B
Others	Net. Weight	0.5 lbs / 0.21Kg
	Size	6.1" / 155mm (L) x 2.1" / 54mm (W) x 0.8" / 20mm (H)
	Master Case	20PCS/CTN

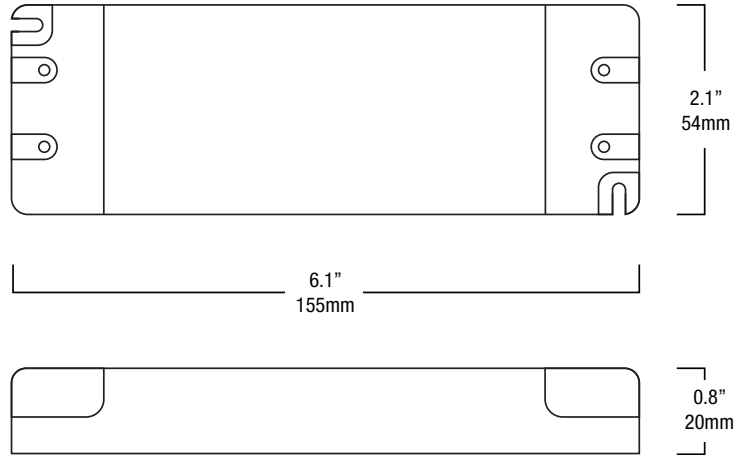
* All parameters if NOT specially mentioned are measured at 120VAC input, rated load and 25°C (77°F) of ambient temperature.

APPLICATIONS

The Pinnacle Series 24V driver has been designed for projects where low wattage or smaller runs are required. The compact size and a profile height of less than 1" allows for several discrete installation applications. It meets all requirements for Class 2 certification and is the recommended driver for use with our 24V Pinnacle Series puck lights and LED tape light. The minimum load requirement of 1.25W allows for projects requiring as little as one PL24V-WH and at the maximum load it can power up to 12 puck lights.

DIMENSIONS

Driver



6.1" / 155mm (L) x 2.1" / 54mm (W) x 0.8" / 20mm (H)

RATINGS



ORDERING GUIDE

Pinnacle TLD24V Series

Series	Wattage	Input Voltage	Output Voltage
TLD24V	25W	100-130V AC	24V DC

Notes: Configure product using BOLD options. Ex.: TLD24V-**25W**