NDR LIGHTING ™

DIMMER-DRIVER
24V Dimmer & Driver for Pinnacle Series Tape Light

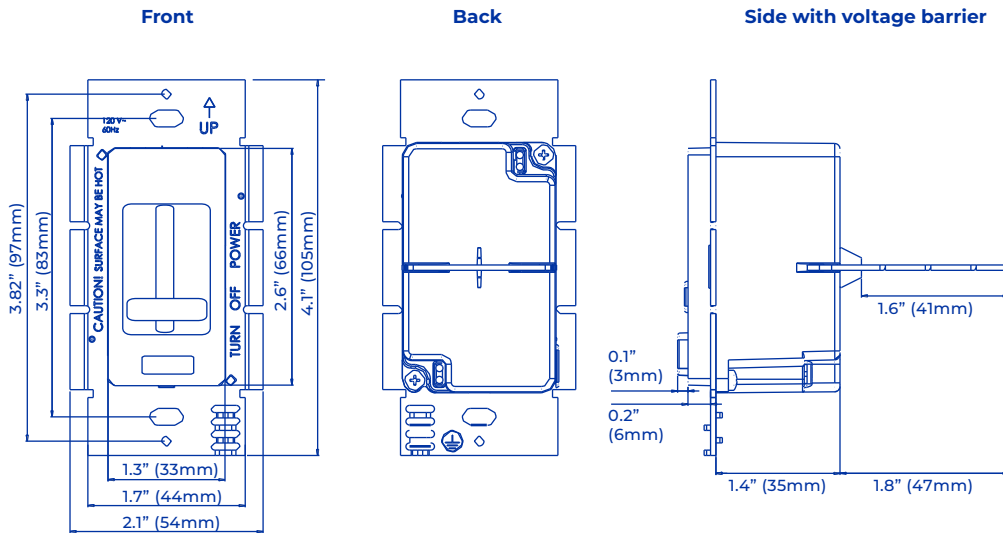**TLDDIM24V-100W**

SPECIFICATION SHEET

SPECIFICATIONS

Model	TLDDIM-100W	
Certificates	UL, cUL, FCC	
Output	DC voltage	24V
	Rated current	4.2A
	Rated power	100W
	Voltage tolerance	±1.8V
	Voltage regulation	±3.0V
Input	Voltage range	120VAC
	Frequency range	47-63Hz
	Power Factor (Typ.) @ full load	0.9 @ 120VAC
	THD (Typ.) @ full load	<20%
	Efficiency (Typ.) @ full load	91%
	Inrush current (Typ.)	Meets NEMA-410 requirements
	Leakage current	<0.5mA
Protection	Short circuit	Shut down o/p voltage, re-power on to recover after fault condition removed
	Over loading	≤120% constant current limiting, auto-recovery
	Over temperature	100°C±10°C shut down o/p voltage, automatically recover after cooling
Environment	Working temperature	32°F to 104°F (0°C to 40°C)
	Working humidity	8% to 90% RH, non-condensing
	Storage temperature & humidity	-40°F~ 176°F (-40°C~ 80°C) 10%~95% RH
	Vibration	per EN60068-2
Safety & EMC	Safety Standards	UL2108, UL1598/CSA 250.0-08, CSA250.13-12
Others	Net weight	0.66 lbs (0.3kg)
	Size	4.1" (105mm) (L) x 2.1' (54mm) (W) x 1.4" (53mm) (D)
	Master case	25pcs/CTN

FEATURES

Output:	**Constant voltage**
Certifications:	**UL, cUL listed, FCC**
Universal AC input:	**120 VAC**
Power factor:	**Up to 0.98**
High efficiency:	**Up to 91%**
Dimming range:	**0-100%**
Load:	**5-100%**
Protection:	**Short circuit / over loading / over temperature**
	Flicker-free
	Compatible with Pinnacle Series LED Tape Light

DIMENSIONS

Front **Back** **Side with voltage barrier**

APPLICATIONS

The 24V Dimmer + Driver simplifies LED installations of any 24V constant voltage tape lights, under cabinet or downlights alike. The dimmer and driver combo eliminates the compatibility issues by combining both components in a single device. It fits in a standard recessed electrical box with a smooth dimming range of 100-1%.

RATINGS & CERTIFICATIONS

ORDERING GUIDE

Series	Wattage	Input voltage	Output voltage
TLDDIM24V	**100W**	120 VAC	24V DC

Note: Configure product using **BOLD** options. Ex.: **TLDDIM24V-100W**