

DIMMER-DRIVER

24V Dimmer & Driver for Pinnacle Series Tape Light

TLDDIM24V-60W

SPECIFICATION SHEET



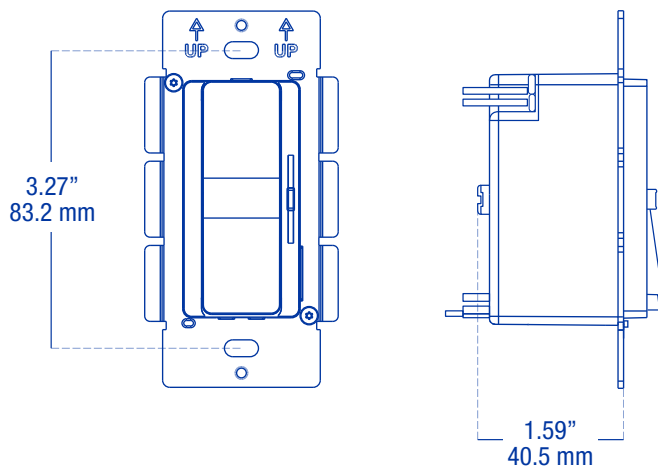
SPECIFICATIONS

Model	TLDDIM-60W	
Certificates	UL / cUL / FCC / Class2 / Class P / SELV / RoHS / Reach	
Output	DC voltage	24V
	Rated current	2.5A
	Rated power	60W
	Voltage tolerance	±0.5V
Input	Voltage range	120VAC
	Frequency range	60Hz
	Power Factor (Typ.) @ full load	0.99 @ 120VAC
	THD (Typ.) @ full load	≤10%
	Efficiency (Typ.) @ full load	91%
	Inrush current (Typ.)	50A, 150us @ 50% I _{peak}
	Leakage current	<0.5mA
Protection	Short circuit	Hiccup mode, recovers automatically after fault condition is removed
	Over loading	≤110% Hiccup mode, recovers automatically after fault condition is removed
	Over temperature	Shell surface temperature 100°C ± 10°C shut down o/p voltage, automatically recover after cooling
Environment	Working temperature	-40°F to 140°F (-40°C ~ 60°C)
	Working humidity	20% - 95% RH, non-condensing
	Storage temperature & humidity	-40°F ~ 176°F (-40°C ~ 80°C) 10%~95% RH
	Vibration	10~500Hz, 2G 12min./1cycle, period for 72min. each along X,Y,Z axes
Safety & EMC	Safety Standards	UL8750 CAN/CSA-C22.2 No.250.13 (US)
Others	Net weight	0.55 lbs (0.25kg)
	Size	4.1" (105mm) (L) x 2.1" (54mm) (W) x 1.99" (51mm) (D)
	Master case	20pcs/CTN

FEATURES

Output:	Constant voltage
Certifications:	UL / cUL / FCC / Class2 / Class P / SELV / RoHS / Reach
Universal A/C input:	120 VAC
Power factor:	0.99
High efficiency:	Up to 91%
Dimming range:	0.3%-100%
Load:	1-100%
Protection:	Short circuit / over loading / over temperature Flicker-free Compatible with Pinnacle Series LED Tape Light

DIMENSIONS



APPLICATIONS

The 24V Dimmer + Driver simplifies LED lighting installations for any type of 24V constant voltage tape lights, whether under-cabinet or recessed. The dimmer and driver combination eliminates compatibility issues by integrating both components into a single device. It fits into a standard recessed electrical box with a smooth dimming range of 100-1%.

RATINGS & CERTIFICATIONS



Dimmable

Wet locations
ratedAirtight
rated

IC rated

ORDERING GUIDE

Model	Wattage	Input voltage	Output voltage
TLDDIM24V	60W	120 VAC	24V DC

Note: Configure product using **BOLD** options. Ex.: **TLDDIM24V-60W**