

DIMMER-DRIVER

24V Tape Light Dimmer + Driver with CCT Selectability

TLDCCT24V-96W

SPECIFICATION SHEET



SPECIFICATIONS

Model	TLDCCT24V-96W	
Certificates	UL / cUL / FCC / Class2 / Class P / SELV / RoHS / Reach	
Output	DC voltage	24V
	Fine-tune voltage	24-26V
	Rated current	4A
	Rated power	96W
	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}
Protection	Leakage current	<0.5mA
	Short circuit	Hiccup mode, recovers automatically after fault condition is removed
	Over loading	≤110% Hiccup mode, recovers automatically after fault condition is removed
Environment	Over temperature	Shell surface temperature 100°C ± 10°C shut down o/p voltage, automatically recover after cooling
	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
Safety & EMC	Vibration	10~500Hz, 2G 12min./1cycle, period for 72min. each along X,Y,Z axes
	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

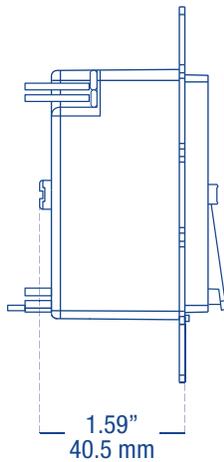
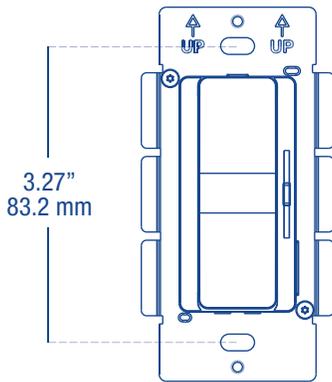
FINISHES



FEATURES

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|----------------------|---|
| 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 CCT-Tunable LED Tape Light |

DIMENSIONS



APPLICATIONS

NDR Lighting's 24V CCT Tunable LED Dimmer + Driver simplifies LED lighting installations for any of our 24V CCT-Tunable Tape Light models. The dimming and CCT tunability sliders, and driver combination eliminates compatibility issues by integrating all three components into a single device. The unit fits into a standard recessed electrical box and features a smooth 100-1% dimming range along with a full cool-to-warm CCT tuning range.

RATINGS & CERTIFICATIONS



ORDERING GUIDE

Model	Wattage	Input voltage	Output voltage	Finish
TLDCCT24V	96W	120 VAC	24V DC	White
	96WB	120 VAC	24V DC	Black

Note: Configure product using **BOLD** options. Ex.: **TLDCCT24V-96W** or **TLDCCT24V-WB**