



Project Name: _____
 Model Number: _____
 Type: _____

DLX Series

Multi Style Dimming Driver

DESCRIPTION

Built specifically for DirectLED tape lights these drivers will provide constant voltage for years at a time, with minimal fluctuations in output.

They are capable of dimming with all main styles of dimming, making it the easy choice when selecting a driver.

IP67



IP20



SPECIFICATION FEATURES

Output: Constant voltage

IP Rating: IP20 / IP67

Universal input: 110-277Vac

Safety Features: Build in active PFC, typical power factor >0.95, Short-circuit, over-temperature, overload protection

Certifications: UL cUL listed, Class 2, Class P,

Dimming: Driver is capable of dimmable load styles: ELV, MLV, TRIAC, REVERSE PHASE, 0-10V

High efficiency: Up to 80%

Load: 0.01-100%

Materials: Full protection metal case, for dry, damp, wet location; Flicker-free

ORDERING MATRIX

DLX Series	5D	VOLTAGE	WATTAGE	IP RATING	
DLX	5D	24V	30	20	
	Dims all of the below load types:		60	67	
	FORWARD PHASE		96		
	REVERSE PHASE		150		
	MLV				
	ELV				
	0-10V		300		





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PERFORMANCE DETAILS

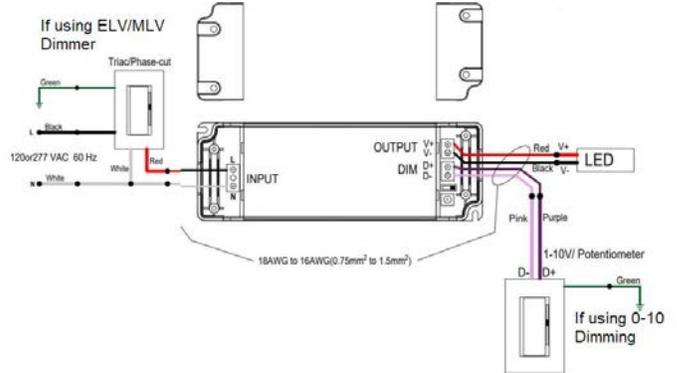
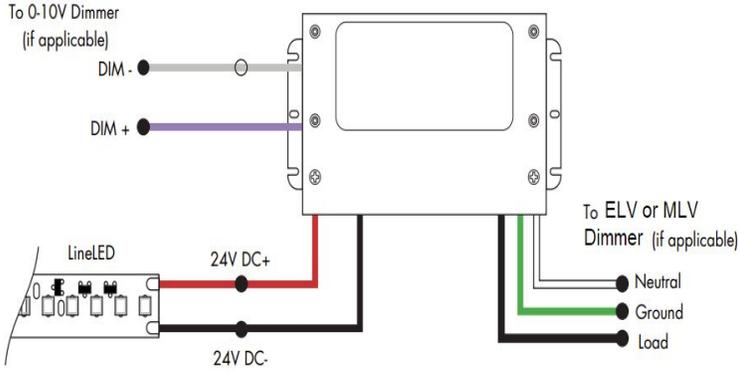
Model	DLDR-IP67-5D-24-
Certificates	UL, cUL listed, Class 2 unit, Type HL rated, FCC NEMA 4X
Output	24VDC
Rated Current	2A
Rated Power	96W
Voltage Tolerance	±0.5V
Voltage Regulation	±0.5%
Load Regulation	±1%
Input	110-277VAC
Frequency Range	47-63Hz
Power Factor (Typ.) @ full load	0.98@120VAC 0.97@277VAC
THD (Typ.) @ full load	<20% @120VAC &277VAC
AC Current (Max.)	1.3A@110Vac
Inrush Current (Typ.)	20A, 50%, 1.6ms @120Vac 25A, 50%, 1.2ms @277Vac
Leakage current	<0.50mA
Protection	Short Circuit
Over Loading	≤120% Hiccup mode
Over temperature	100°C±10°C
Environment	-40~+60°C (see below derating curve)
Working Humidity	20~90%RH, non-condensing
Storage TEMP. Humidity	-40~+80°C, 10~95%RH
TEMP .coefficient	±0.03%/°C (0~50°C)
Safety& EMC	UL8750+UL1310



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WIRING DIAGRAMS



LINE DRAWINGS

