

ProDrive Series

Low Profile Task Series 5-in-1
Dimmable Driver



ProDrive Series

Low Profile Task Series 5-in-1 Dimmable Driver



Features

- 5-in-1 dimming supports TRIAC, MLV, ELV, 0-10V, 1-10V, Potentiometer, and PWM
- Soft dimming down to 0.1% for smooth flicker-free performance
- Low profile design makes it ideal for tight-space installations
- Universal input voltage range of 120–277VAC
- Class 2 certified and ETL-listed for low-voltage systems
- High efficiency with up to 92% performance
- Compliant with Title 24 Part 6 flicker requirements
- Backed by a 6-year warranty for long-term reliability



Dimming

Dimming Protocols: TRIAC / MLV / ELV / 0-10V
1-10V / Potentiometer
10V PWM

Min. Dimming Level: 0.1%

Dim to Off: Yes

Dimming Curve: Linear

Dimming type: PWM (20KHz)

Applications

- LED strip
- LED tape
- Cove lights
- Linear lights
- Puck lights

Mechanical Overview

40W



60W/96W



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Specifications

Input	Ordering Code:	ProDrive-40W-24DC	ProDrive-60W-24DC	ProDrive-96W-24DC
Input Voltage Range:		120-277VAC	120-277VAC	120-277VAC
Input Frequency:		50-60Hz	50-60Hz	50-60Hz
Input Current:		0.5A	0.7A	1A
Inrush Current:		<75A	<75A	<75A
Efficiency:		92%	92%	92%
Power Factor:		>0.9	>0.9	>0.9
THD:		<10%	<10%	<10%

Output

Output Voltage:	24VDC	24VDC	24VDC
Maximum Load:	40W	60W	96W
Output Current @ Max Load:	1.66A	2.5A	4.1A
Output Dimming Method / Frequency:	PWM (20KHz)	PWM (20KHz)	PWM (20KHz)
Flicker Compliance:	Compliant with Title 24 Part 6 flicker requirements		
Output Ripple (Peak-to-Peak):	<300mV	<350mV	<350mV
Line Regulation:	0.05%	0.05%	0.05%
Load Regulation:	0.05%	0.05%	0.05%
Turn on delay time:	<0.8s	<0.8s	<0.8s

Environmental

Operating Ambient Temp.:	40°F - 104°F (-40°C - 40°C)	40°F - 104°F (-40°C - 40°C)	40°F - 104°F (-40°C - 40°C)
Maximum Case Temp. (Tcase):	75°C	75°C	75°C
Storage Temp.:	25°C	25°C	25°C
Ingress Protection (IP):	IP21	IP21	IP21
Expected Lifetime:	>50,000h	>50,000h	>50,000h

Protection

Over Current Protection:	Hiccup Mode, auto Recovery after fault condition is removed
Over Temperature Protection:	Hiccup Mode, auto Recovery after fault condition is removed
Overload Protection:	Hiccup Mode, auto Recovery after fault condition is removed
Short Circuit Protection:	Hiccup Mode, auto Recovery after fault condition is removed

Enclosure

Dimensions:	6.29" x 2.28" x 0.78"	7.28" x 2.5" x 0.86"	7.28" x 2.5" x 0.86"
Material:	PC material	PC material	PC material
Finish:	Frosted White	Frosted White	Frosted White
Connection type:	Lever Lock Quick Connect Terminal Block		
Weight:	0.42lbs (0.18kg)	0.62 lbs (0.28kg)	0.62 lbs (0.28kg)

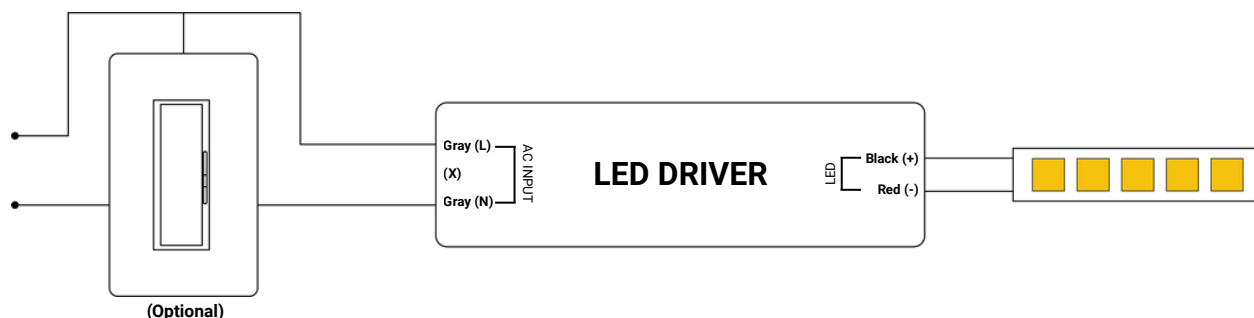
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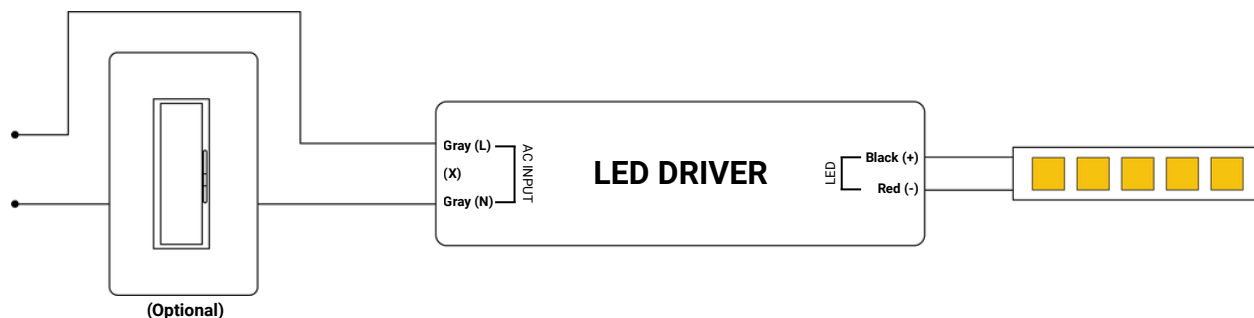


Wiring Diagrams

ELV



TRIAC / MLV



0-10V

