

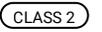
# ProDrive Series

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

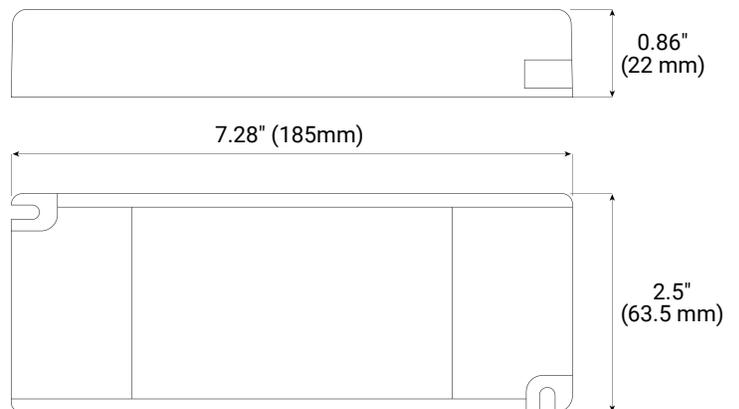
- LED strip
- LED tape
- Cove lights
- Linear lights
- Puck lights

### Mechanical Overview

#### 40W



#### 60W/96W



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## Low Profile Task Series 5-in-1 Dimmable Driver



CLASS 2

### 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)

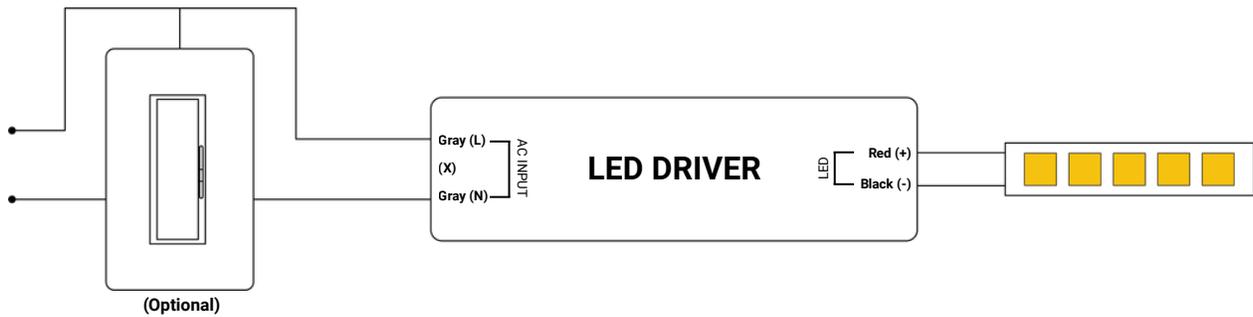
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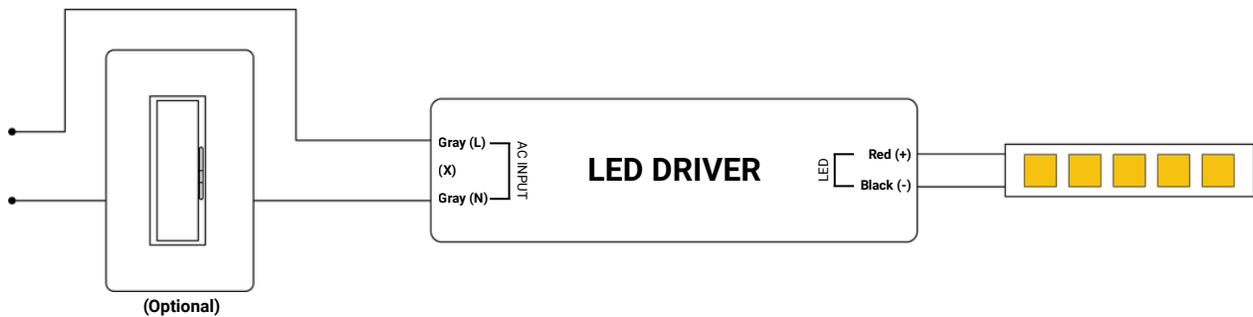


### Wiring Diagrams

#### ELV



#### TRIAC / MLV



#### 0-10V

