

ProDrive Series

P/N: ProDrive-XXW-24VDC

Low Profile Task Series 5-in-1 Dimmable Driver

Warning ⚠

To avoid fire, shock, or death, turn the power off at the circuit breaks before wiring.

Mounting the Driver

Select a suitable location that can provide adequate support for the weight of the driver. It is recommended to install the driver vertically for maximum heat dissipation. Install the driver in a well-ventilated area free from explosive gases and vapors. If you are installing more than one driver, keep at least a 6" distance between each driver.

Wire Connections

Accessing the terminal blocks

Open the terminal covers to expose the connectors for both the AC input and DC output. These connectors use a toolless design and accept 14–22 AWG wires.

AC input wiring

Open the clamp and connect a power cord cable to the 120V AC line voltage according to the wiring diagram. Ground is not required, as this driver uses an isolated plastic housing.

DC output wiring

Open the clamp and connect the 24V DC output according to the wiring diagram. The terminal block accepts up to 14 AWG wire if needed to minimize voltage drop. Ensure all wires are fully inserted before closing the clamp securely.

AWG Size	Max Wires Per Terminal
22	4 wires
20	3 wires
18	2 wires
16	1 wire
14	1 wire

Quick Specs

Input Voltage	120-277VAC
Output Voltage	24VDC
Dimming Type	TRIAC / MLV / ELV / 0-10V / 1-10V Potentiometer / 10V PWM
Ambient Temp	40°F - 104°F (-40°C - 40°C)
Environment	Damp and dry locations

Dimming connections (optional)

Phase dimming: Compatible with both leading-edge (forward phase) and trailing-edge (reverse phase) dimmers. Connect the dimmer to the AC line input according to the wiring diagram.

0–10V dimming: Connect low-voltage control wires (18–22 AWG) to the designated dimming terminals.

Refer to the dimmer compatibility list for tested dimmer models.



Customer Support

For technical questions regarding the installation or operation of this product, please contact our customer support team:

☎ 347-826-5880

✉ customer care@enoled.com

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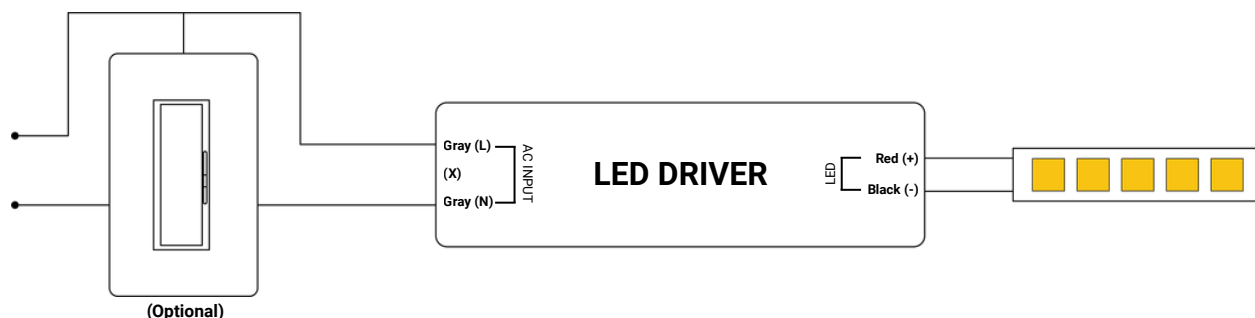
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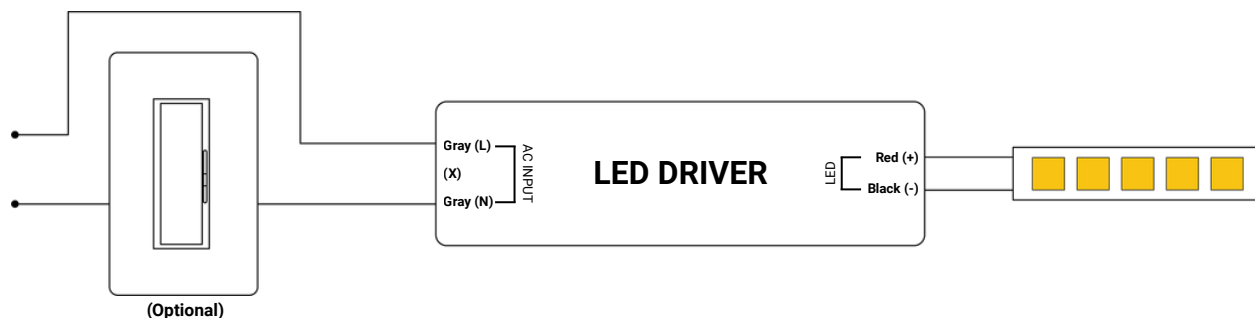
Wiring Diagram

With the power switched off, connect the wires according to the wiring diagram below.

ELV



TRIAC / MLV



0-10V

