

# LED Dimmable Driver - P-200W-24V



P Series 24V 200W LED Dimmable Driver provide smooth, stable, efficient, and flicker-free dimming capability for lighting. Suitable for LED lighting applications.

## Features

- Output constant voltage.
- Universal AC input: 100-130VAC
- Protection: short circuit/over loading/over temperature.
- Full protection aluminum housing.
- Easy installation.
- Strong compatibility, flicker-free dimming.
- Compatible with Forward phase, Magnetic low voltage, Triac Dimmer
- Suitable for indoor and outdoor location use, IP66.
- Cooling by free air convection.
- 5 years limited warranty.
- ETL listed.



## Specification

### Input

<b>Voltage Range</b>	100-130VAC
<b>Frequency Range</b>	50-60Hz
<b>Power Factor (Typ.) @ full load</b>	0.65 (Full loading)
<b>Efficiency(Typ.)@ full load</b>	85%
<b>AC Current(Max.)</b>	3.2A
<b>Leakage current</b>	<0.50mA/120VAC

### Output

<b>DC Voltage</b>	24V
<b>Rated Current</b>	8.3A
<b>Rated Power</b>	200W
<b>Voltage Tolerance</b>	±0.5V

### Environment

<b>Working Temperature</b>	-40°F to 140°F
<b>Working Humidity</b>	20 to 95%RH, non-condensing
<b>Storage Temp. Humidity</b>	-40°F to 176°F, 10 to 95%RH
<b>Vibration</b>	10 to 500Hz, 5G 10min./1 cycle,period for 60min. each along X,Y,Z axes

## Protection, Safety& EMC

<b>Short Circuit</b>	Hiccup mode, recover automatically after fault condition is removed
<b>Over Loading</b>	≤120%
<b>Over Temperature</b>	212°F±50°F shut down o/p voltage, automatically recover after cooling.
<b>Safety Standards</b>	UL1012
<b>Withstand Voltage</b>	I/P-O/P:1500VAC
<b>Isolation Resistance</b>	I/P-O/P:100MΩ/500VDC/77°F/70%RH
<b>EMC EMISSION</b>	FCC Part 15 B

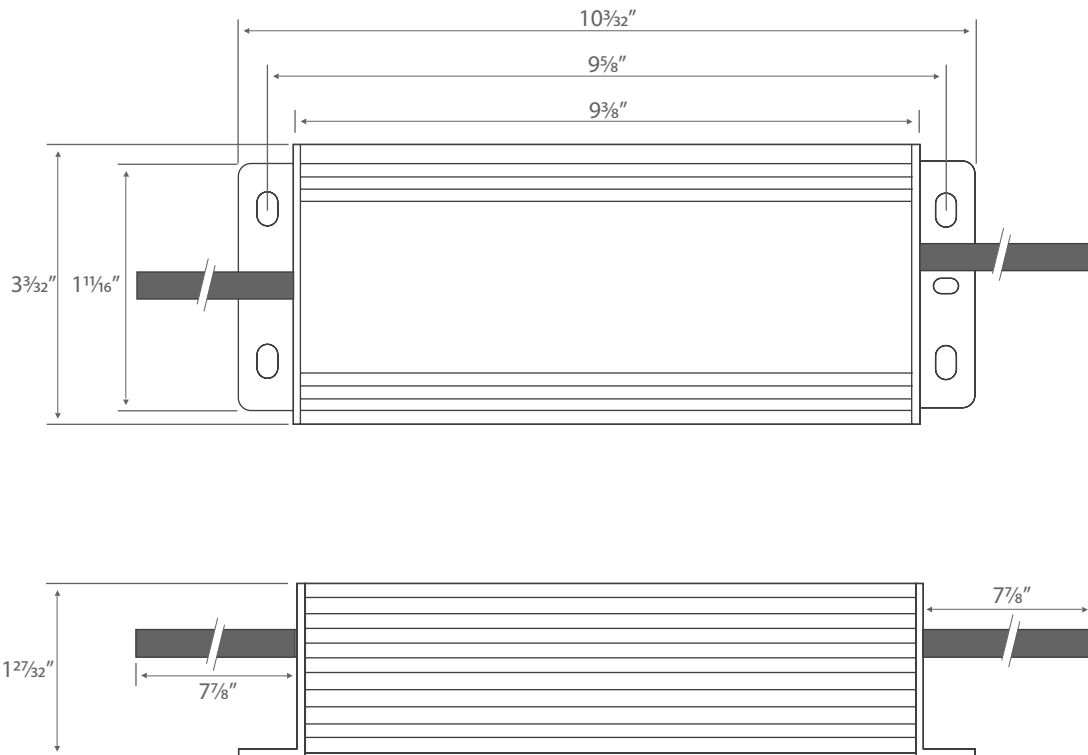
## Others

<b>Net Weight</b>	3.64lb
<b>Size (L x W x H)</b>	10 <sup>3</sup> / <sub>32</sub> x 3 <sup>3</sup> / <sub>32</sub> x 1 <sup>27</sup> / <sub>32</sub> in
<b>Packing</b>	10PCS/CTN

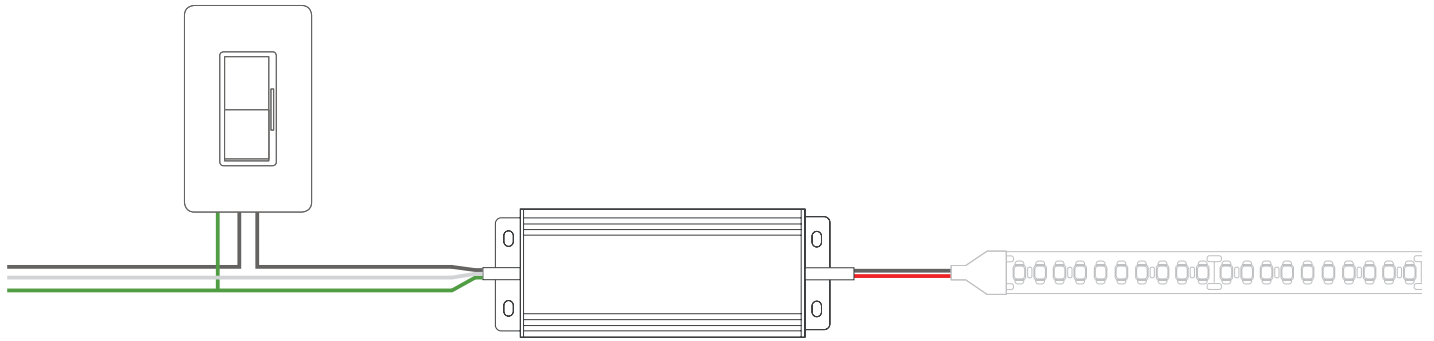
## Order Information

Series	Power	Voltage
<b>P</b>	<b>200W</b>	<b>24V</b>

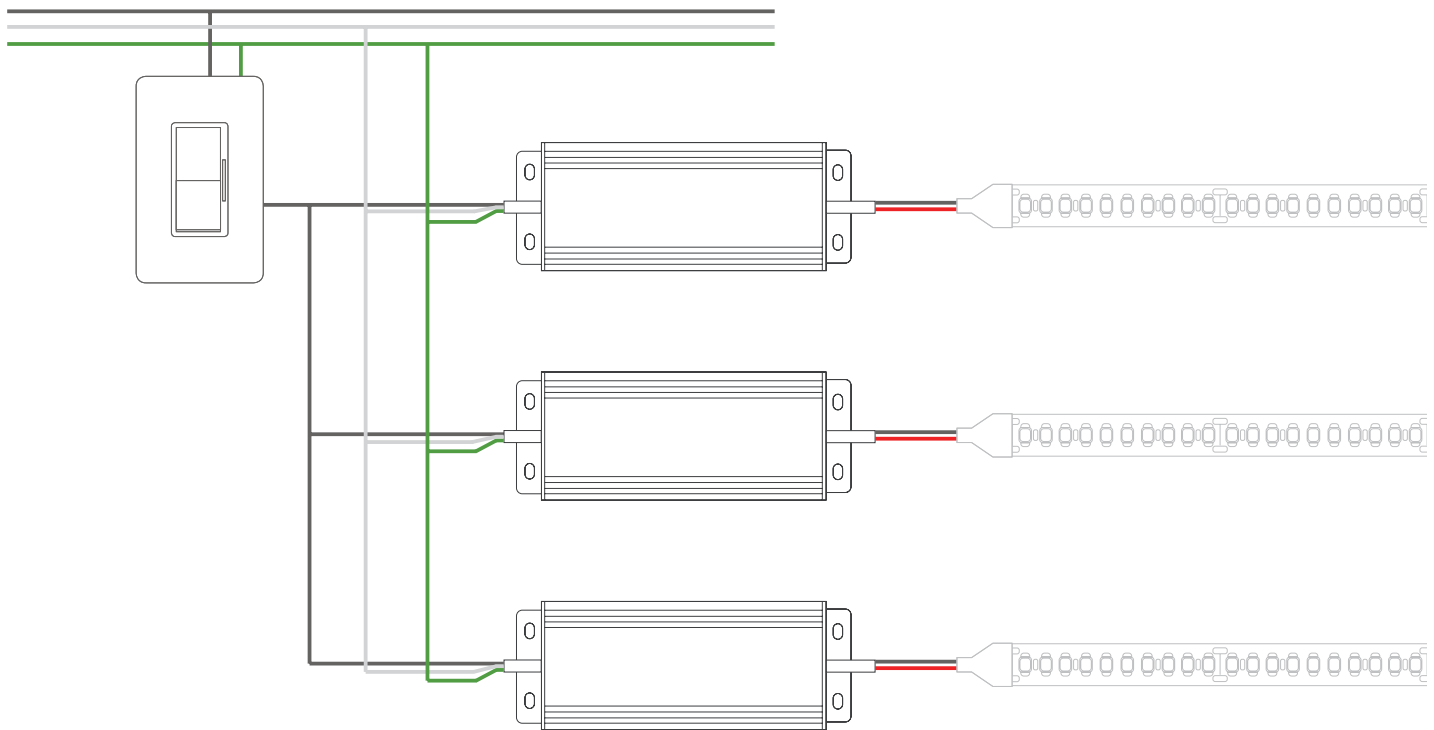
## Dimensions



## Wiring Diagram



P Series Wiring Diagram with Single Light Fixture



P Series Wiring Diagram with Multiple Light Fixtures

\*Thess diagrams are for references only.