Multi-Tap AdaptDrive - 24V DC - 160W - (2 x 80W Ports - 160W total)

AL-97-02-24160-MT



The AdaptDrive is an all-in-one LED driver and dimmer that simplifies installation by fitting directly into a standard recessed electrical box—eliminating the need for a separate driver location. UL Listed and Class 2 Compliant, AdaptDrive is available in a wide range of output options in both 12VDC and 24VDC configurations to suit a variety of low-voltage lighting applications.

AdaptDrive also includes a breakthrough multitap version featuring dual 80W outputs, delivering up to 160W from a single unit. This is the first driver of its kind to provide this level of power in such a compact footprint—making it ideal for high-output applications where space is limited

- Constant Voltage Output in 24VDC
- UL Listed, Class 2 Compliant
- Installs directly into standard wall boxes
- Clean white finish on trim
- First in its class for power density in a recessed enclosure

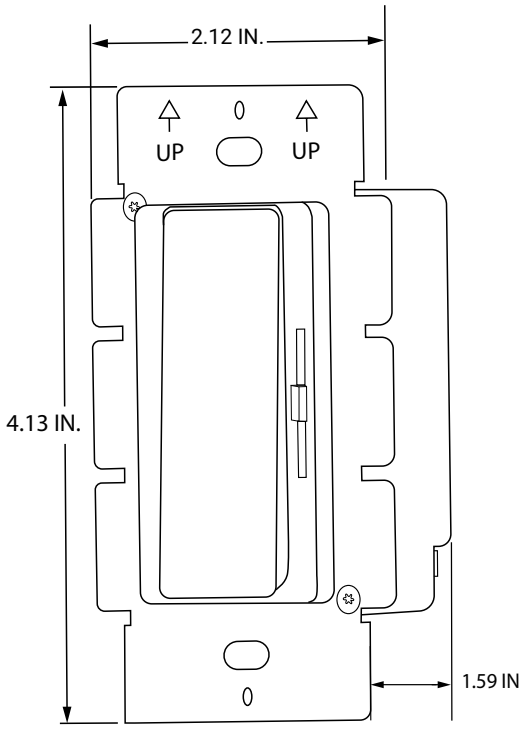
QUICK SPECIFICATIONS

Input	120V	120V AC
Output	12V	12V DC
Wattage	120W	120 W
Features	100% Max. Load; 0% Min. Load; CLASS 2	100% maximum load 0% minimum load Class 2
Environment	DRY LOCATION	Dry/damp environment
Certifications	RoHS; c UL us	UL/cUL/Class 2/Class P/Type HL/SELV/CE/ROHS/ REACH
Warranty	WARRANTY 6 YEAR	6 year limited

ACCESSORIES (SOLD SEPARATELY)

Item Number	Description
AL-97-02-9901-WHTP	Glossy White Trim Plate

DIMENSIONS

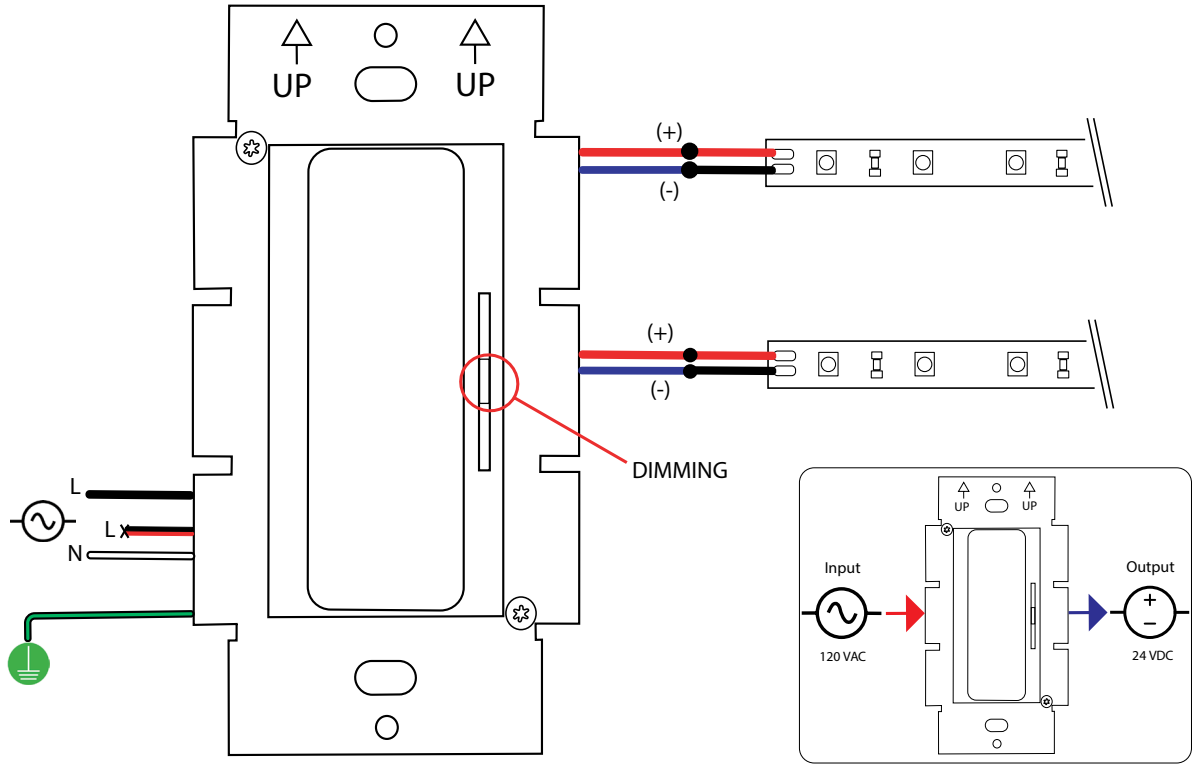


TECHNICAL INFORMATION

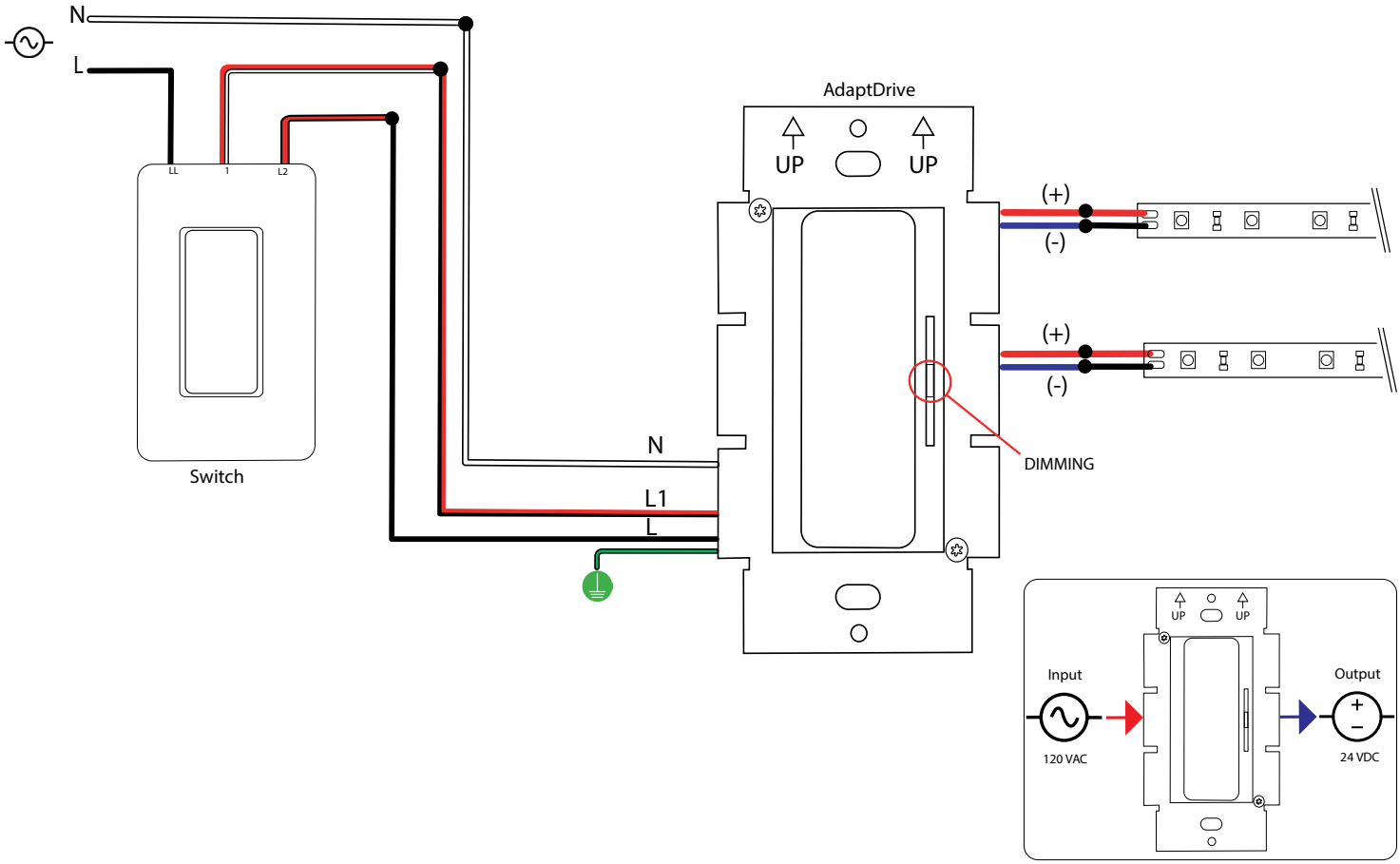
Item Number		AL-97-02-24160-MT
Output	DC Voltage	24V DC
	Rated Current	3.33A * 2
	Rated Power	2 X 80W
	Minimum Load	0%
Input	Voltage Range	120V AC
	Input Current	1.5 A
	Frequency Range	60 Hz
	Power Factor (Avg.)	>98%
Protection	Short Circuit	Short circuit protection and autorecovery
	Over Voltage	≤140V AC (90~135V)
Environment	Working Temp.	-40~+60°C / -40~+140°F
	Humidity	95%RH
Safety & EMC	Safety Standards	UL Recognized Component
	EMC Emission	FCC Part15 Subpart B ANSI C63.4:2014 (US)
Other	Warranty	6 Year Limited
	Size	4.13 x 2.12 x 1.59 in.

*These drivers are derated, but when installed in a small enclosure with no heatsink or air circulation, we recommend a max. load of 40W.

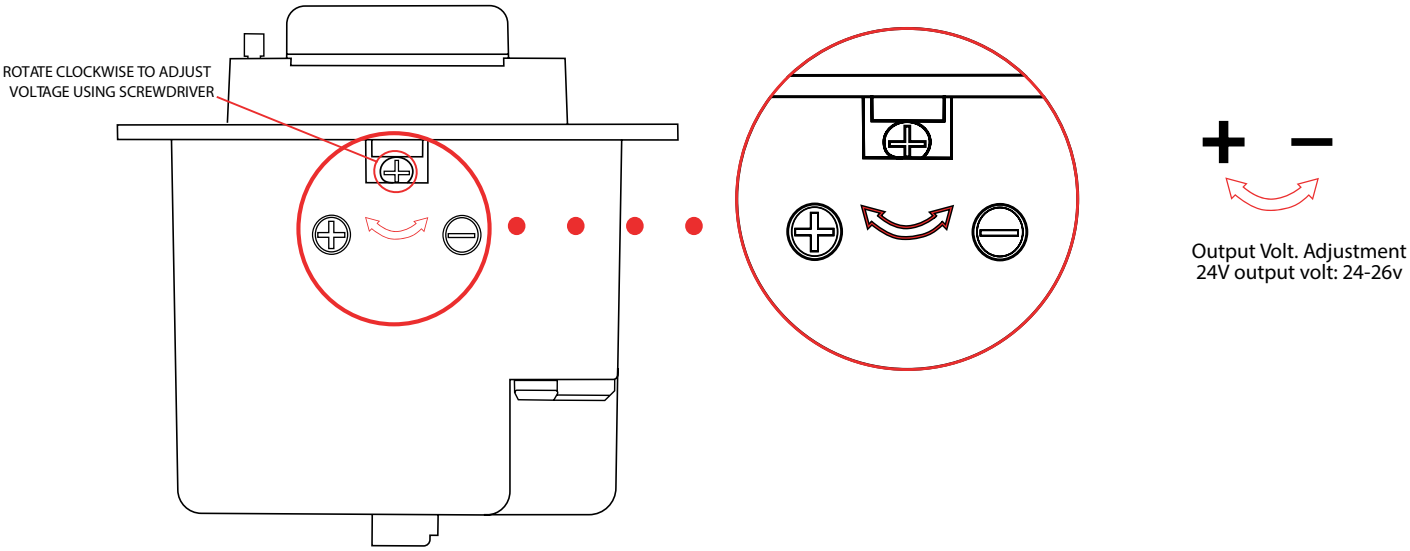
DIMMING WIRING DIAGRAM



3-WAY DIMMING WIRING DIAGRAM



ADJUST VOLTAGE



TROUBLESHOOTING

Q: Why are the lights connected to the driver blinking roughly once a second?
A: The driver may be overloaded. Check to make sure the maximum wattage is not being exceeded. There could also be a possibility of incompatible voltage. Confirm that the driver and tape light voltage match.

Q: How do I determine the compatibility?
A: Check the voltage, wattage, load capacity of both the tape light and driver.

Q: Is it possible to have multiple runs of tape light that are daisy-chained together connect to a driver with 1 lead wire?
A: Yes, but only if the total length of consecutive runs do not exceed the tape light's maximum run and also does not exceed the driver's maximum wattage.