




CLASS 2 VLT HYBRID MAGNETIC LINEAR DRIVERS

For use with EssentialLEDs® Linear and ELP-L Light Panel products; **NOT for use with ELP-G Light Panel.** All magnetic drivers are not the same, and the differences can impact the performance and longevity of your LED system. Standard magnetic drivers labeled "24v DC" utilize rectifiers to produce the 24v DC current; current from these models may include an AC component that can result in actual peak voltages ranging as high as 50v DC. These voltage levels will cause permanent damage to EssentialLEDs® products.

VLT Hybrid Magnetic Linear Drivers feature **hybrid linear drive circuits** that produce maximum regulated voltage not greater than 24.3v DC; these are the **ONLY** magnetic drivers guaranteed for use with EssentialLEDs® products. Compatible with all magnetic low-voltage forward phase dimmers and fully potted to dim without humming or buzzing. **VLT HMLD** drivers are UL Listed Class 2 Power Supplies and outdoor rated for wet locations (UL 1012 & UL1013). Complete with knock-outs and mounting brackets for easy installation, indoors or out. **Use of any other magnetic drivers will void product warranty.** Manufactured in Southern California. **ALL DRIVERS are ETL Listed (UL 2108, UL 8750), when used as part of an EssentialLEDs® Linear or Light Panel system.** See dimmer compatibility chart on page 136 for approved Lutron Dimmers

48W 24V DC	SPECIFICATIONS	CAT. NO.	HMLD - 48 - 24DC -
	Load: 1-48VA Input Voltage: 120 / 240 / 277 VAC 50/60Hz Output Voltage: 24V DC ±1% Dimensions: 11.25"L x 3.37"W x 3.25"H [285.8mm L x 85.6mm W x 82.6 mm]	Description: Constant voltage driver from VLT, 48w, 2A; fully dimmable with low-voltage magnetic dimmer; 120VAC - 277VAC input; 24VDC regulated output (meets Class 2 output limits). Conduit access wiring compartment for wall mounting; UL Listed. Add "-CP" to specify with optional cord & plug for display case application. NEMA 3R case; indoor/outdoor rated (non-submersible). UL Listed Class 2 power supply.	120 240 277
	Circuits: 1 Frequency: 50/60 Hz Weight: 6 lbs. [2.72 kg] Max Ambient Temp.: 140° F [60° C] IP Rating: NEMA 3R Manufacturer: Visual Lighting Technologies Listings: UL Listed (UL1012, UL1310)		
	Load: 1-96VA Input Voltage: 120 / 240 / 277 VAC 50/60 Hz Output Voltage: 24V DC ±1% Dimensions: 11.25"L x 3.37"W x 3.25"H [285.8mm L x 85.6mm W x 82.6 mm]	Description: Constant voltage driver from VLT, 96w, 4A; fully dimmable with low-voltage magnetic dimmer; 120VAC - 277VAC input; 24VDC regulated output (meets Class 2 output limits). Conduit access wiring compartment for wall mounting; UL Listed. Add "-CP" to specify with optional cord & plug for display case application. NEMA 3R case; indoor/outdoor rated (non-submersible). UL Listed Class 2 power supply.	120 240 277
	Circuits: 1 Frequency: 50/60 Hz Weight: 7.8 lbs. [3.54 kg] Max Ambient Temp.: 140° F [60° C] IP Rating: NEMA 3R Manufacturer: Visual Lighting Technologies Listings: UL Listed (UL1012, UL1310)		
	Load: 1-288VA Input Voltage: 120 / 240 / 277 VAC 50/60 Hz Output Voltage: 24V DC ±1% Dimensions: 12.12"L x 8.43"W x 4.43"H [307.8mm L x 214.1mm W x 112.5 mm]	Description: Constant voltage driver from VLT, 3 x 96w, 4A each; fully dimmable with low-voltage magnetic dimmer; 120VAC - 277VAC input; 24VDC regulated output, 96w each (meets Class 2 output limits). Conduit access wiring compartment for wall mounting. UL Listed. Add "-CP" to specify with optional cord & plug for display case application. NEMA 3R case; indoor/outdoor rated (non-submersible). UL Listed Class 2 power supply.	120 240 277
	Circuits: 3 Frequency: 50/60 Hz Weight: 20.4 lbs. [9.25 kg] Max Ambient Temp.: 140° F [60° C] IP Rating: NEMA 3R Manufacturer: Visual Lighting Technologies Listings: UL Listed (UL1012, UL1310)		

