



VPL50-2C-AD-025/030/036	
1Driver Type	Constant Current Output Selectable LED Driver
No. of Channels	2
Input Voltage	120-277 V
Input Frequency	50-60 Hz
Dimming	0-10V (Dim-to-off)

Features
• Universal Voltage (120-277V)
• Multiple Output Channels
• Constant Current
• Per channel 250mA/300mA/360mA
• 0-10V (Dim-to-off)
• Integrates with Adaptive Lighting Control Systems
• Compatible with LED modules and Coretech LED tubes
• UL, cUL, UL8750 Class 2
• FCC Part 15 Class A
• Operating Temperature: -22°F to 122°F
• Storage Temperature: -40°F to 131°F
• Rated life: 50,000hours (Tcase ≤ 185°F/85°C)



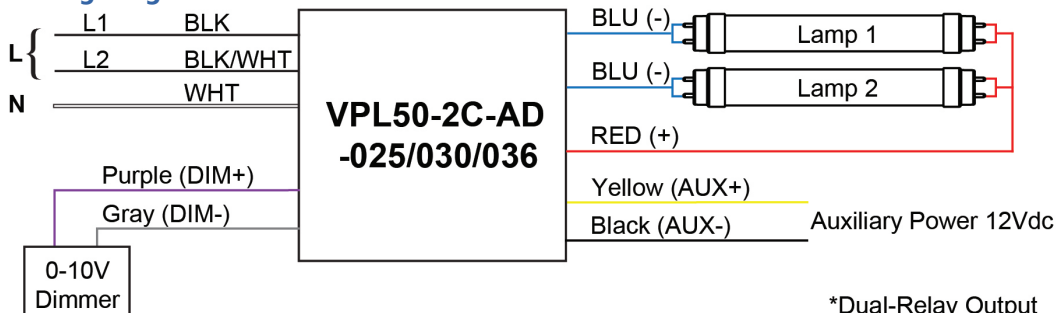
## CoreTech VPL

### PRODUCT SPECIFICATIONS

OUTPUT	
No. of Channels	1      2
No. of Coretech LED Lamps	1      2
Output Voltage (Range)	20-48VDC
Output Current Range (Programmable @ full load)	250mA/300mA/360mA
Aux Power	12Vdc, max. 200mA
Total Rated Power	35W, Aux max. 2.4W

INPUT	
Frequency	50-60Hz
Input Voltage (range)	120-277 VAC
Power Factor (min.)	0.9 @ full load 277VAC
THD (max.)	20% @ full load 110AC
Efficiency (typical)	0.86

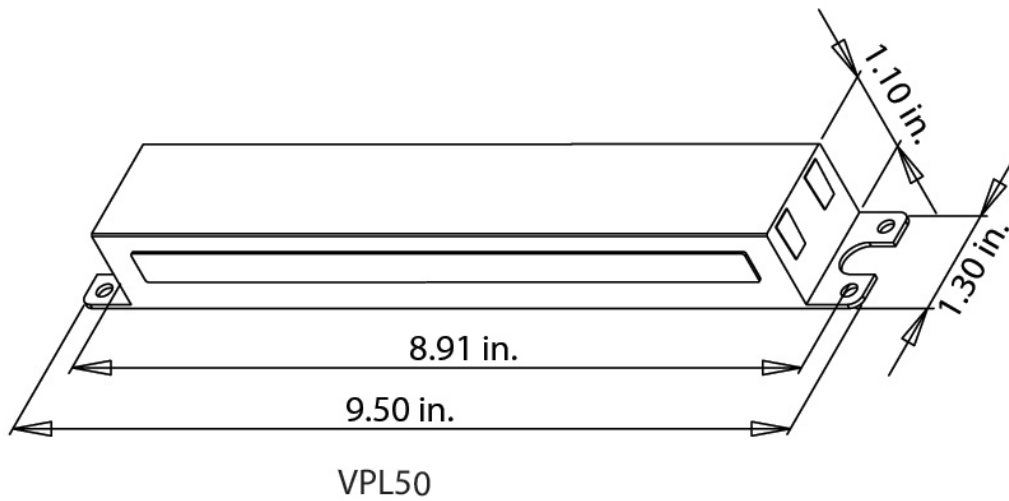
### Wiring diagram



\*Dual-Relay Output Current Selection

Input Line	Output Current
L2 (BLK/WHT)	250mA
L1 (BLK)	300mA
L1 + L2	360mA

### Dimension



Specification data is based on tests performed in a controlled environment and represents relative performance. Actual performance can vary depending on operating conditions. Application and performance data subject to change without notice. All specifications are nominal unless noted otherwise.

Espen Technology, Inc. | 12257 Florence Avenue | Santa Fe Springs, CA 90670 | Phone: (562) 529-2938 | Fax: (562) 529-2978  
Toll Free: (866) 933-7736 | Email: [info@espentech.com](mailto:info@espentech.com) | [www.espentech.com](http://www.espentech.com)