# VLP200D-U

Output dimmable to 50% of full brightness via external switch. Universal Voltage Input. Use with all 200 Series LEDs.



Scan this QR code for a step-by-step video on how to service your Venbrite LEDs.

# To Plus (+) End of String Technology, Ltc Dimming: Connect to On/Off Switch Overload & Short Circuit Protected Ground Fault Protected Suitable for Dry or Damp Locations ROHS Compliant String E324241 Paters Pending To Plus (+) End of String To Plus (+) End of String LED DRIVER MODEL: VLP200D-U S/N: INPUT: 100 - 277 VAC 70W MAX 50-60 Hz HIGH POWER FACTOR 0.95 MIN DC OUTPUT: SELF-ADJUSTING FOR LINE & LOAD 0-250V DC 250mA DC To Minus (-) End of String

### **FEATURES**

- Conservatively powered at less than 65% of the LED's maximum rated current extends life and reliability
- Exclusive ability to save up to 30% on neon-to-LED retrofits
- Remote mounts up to 150 feet with 18AWG wire with no loss of light
- Safe, low current design with GFI, open and short circuit, overload and polarity protection
- Illuminates brighter than 6,500 mercury argon
- Single-wire design simplifies factory installation
- Brightest, most energy-efficient LED available
- UL Sign Components Manual (SAM) listed
- UL Classified for rapid retrofit neon-to-LED conversion
- Dimming information can be found on our website: www. ventextech.com

## **SPECIFICATIONS**

Input Voltage (50/60Hz)	0.6A (@120VAC in)	
Power Factor	0.95 min.	
Output Voltage	0-250 VDC (+/-125VDC max. to Gnd)	
Output Current (Line Load Regulated)	250mA (Factory Set)	
Output Power	55W max.	
Operating Temperature*	-30°F to 122°F / -34°C to 50°C	
Input Surge Protection	Varistor Type	
Built-in Protection	GFI, Open and Short Circuit, Overload, Reverse Polarity	

<sup>\*</sup>When operating at ambient temperature higher than above limit, reduce load by 10% for each 9°F (5°C) ambient rise.

### **DIMENSIONS**

Length (A)	4.85 in	12.3 cm
Width (B)	2.0 in	5.0 cm
Height (C)	1.58 in	4.0 cm
Mounting (D)	4.50 in	11.4 cm
Mounting (E)	1.38 in	3.5 cm
Weight	15.0 oz	425 g
Primary Leads	18.0 in	45.7 cm
Output Leads	18.0 in	45.7 cm





