

# SYSTEM 100 LEDs

Economical LEDs with superior brightness and maximum energy efficiency. Ideal for signs 4"-6" deep.



## FEATURES

- Match or beat light output of all other LED systems with less footage, fewer drivers, lower energy consumption
- Cooler running (adding only 30°C at LED junction) than all Class 2 systems, ensuring longer life and more consistent illumination over time
- Evenly illuminates up to 6" wide stroke, reducing module counts and system costs
- Highest string efficacy (up to 126 lumens/watt) of any LED on the market, delivering the industry's highest light output per energy consumed
- Open circuit, short circuit and ground fault protection
- Series wired, constant-current technology allows 300' remote mounting of power supplies with 18 AWG wire, minimizing future service call costs
- Brighter than 30mA neon, with a 65-90% energy reduction
- Has overload and polarity protection, minimizing failures
- UL Classified for neon-to-LED Retrofits using existing GTO wiring and conduit, saving 40% over competitive conversion systems
- Exceptionally bright, single-bin Nichia white chip

Venbrite LED Module	VL-W100 C	VL-WW100	VL-R100
LED Type	White 100C	Warm White 100	Red 100
Color Temperature (K) Wavelength (nm)	6,500 K	4,100 K	625 nm
Input	12VDC		
String Efficacy	144 lm/W	98 lm/W	69 lm/W
LED Module Current	120 mA-dc	120 mA-dc	120 mA-dc
Watts per Module	0.387 W	0.40 W	0.26 W
Watts per Foot	0.774 W/ft	0.8 W/ft	0.52 W/ft
Lumens per Module	56 lm	39 lm	18 lm
Lumens per Foot	112 lm/ft	78 lm/ft	36 lm/ft
Maximum Load/Driver VLP 100-120	120 Modules (60 ft)	120 Modules (60 ft)	150 Modules (75 ft)
Maximum Loading VLP 125SPD-120	150 Modules (75 ft)	150 Modules (75 ft)	210 Modules (105 ft)
Minimum Modules/Driver	1 LED Module (all colors)		
Allowable Mod-Mod Pitch	Maximum= 6"		
Module Size (LxWxH)	1.10" x 1.25" x 0.20"		

Request a free layout and estimate by emailing specs and sign images to [layouts@ventextech.com](mailto:layouts@ventextech.com). For more information, visit [www.ventextech.com](http://www.ventextech.com).



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

