

System 200 LED Sign Lighting



Ultra-bright 1 watt LED for deep cans, day/night faces & bright signs



- Exceptionally bright single-bin Nichia chip
- Constant current output from the Venbrite Driver eliminates need for heat generating, energy consuming components found in competitors' LED modules
- Power supplies can be remote mounted up to 175 feet from signs using standard #18 AWG wire
- Series wired for ultimate energy efficiency and consistent illumination, regardless of distance from the driver.
- Superior performance reduces string footage and power supply counts
- Evenly illuminates up to an 8" wide stroke, reducing module counts and system cost
- Safe, low current design with built in GFI, open circuit, short circuit, overload and polarity protection
- Highly efficient and conservatively driven LED chips run cooler for extended useful life and maximum reliability
- UL Classified for Neon to LED Retrofits using existing GTO and conduit, saving 40% over competitive conversion systems

Venbrite LED String Specifications

Venbrite LED Module	VL-CW200	VL-W200	VL-WW200	VL-G200	VL-B200
LED Type	7200K White	6500K White	4100K White	Green	Blue
String Efficacy	117 lm/W	109 lm/W	97 lm/W	60 lm/W	16 lm/W
System Efficacy	104 lm/W	96 lm/W	86 lm/W	53 lm/W	14 lm/W
LED Module Current	250 mA-dc	250 mA-dc	250 mA-dc	250 mA-dc	250 mA-dc
Watts per Module	0.77W	0.77 W	0.77W	0.77 W	0.77 W
System Watts per Module	0.86W	0.86 W	0.86W	0.86 W	0.86 W
Lumens per Foot	188 lm/ft	167 lm/ft	150 lm/ft	92 lm/ft	25 lm/ft
Maximum Load / Driver	70 mods(35ft)	70 mods(35ft)	70 mods(35ft)	70 mods(35ft)	70 mods(35ft)
Minimum Modules / Driver	1 LED Module (all colors)				
Allowable Mod-Mod Pitch	Min = 2" / Max = 6"				
Module Size (L x W x H)	1.25"x1.35"x.2"	1.25"x 1"x 0.20"		1.25"x 1.35"x 0.20"	
Venbrite Accessories					
Low Voltage LED Wire	VA-W09/100 VA-W09/500				
Standard Wire Nut	VA-WN01				
GTO Retrofit Wire Nut	VA-WN02				

Venbrite LED Driver Specifications

Venbrite LED Driver Model	VLP200-120	VLP200-277
Input Voltage (50/60Hz)	120 VAC (+/-10%)	277 VAC (+/-10%)
Input Current at Max Load	0.65 A rms	0.28 A rms
Power Factor	0.95 min	0.90 min
Output Voltage	250mA (Factory Set / Line-Load Regulated)	
Driver Size LxWxH (cm)	4.85" x 2.0" x 1.45" (12.4 x 5.0 x 3.7)	
LED Driver Weight	12.5 oz (350g)	
Operating Temperature	-30°F to 122°F (-34°C to 50°C)	
Input Surge Protection	Varistor Type	
Built-In Protection	GFI, Open/Short Circuit, Overload, Reverse Polarity	

Agency Approvals & Compliance



Email, call or log on today to learn more about the technologically advanced illumination options from Ventex Technology.

Info@VentexTech.com • 1-800-510-5400 • www.VentexTech.com

