SUPERIOR BRIGHTNESS

Venbrite®
VL-W100C

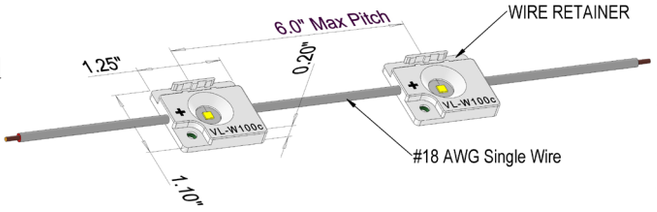
MAXIMUM
ENERGY EFFICIENCY

Compared to Class 2 systems, the wiring is simpler since all that is required is a single lightweight #18 AWG wire. In addition, a lower quantity of drivers are required for typical sign application due to the robust nature of Venbrite drivers.

1. Highest lumen per watt (String efficacy) output of all LED systems, when compared to all Class 2 systems currently on the market.

2. Evenly illuminates up to 7” wide stroke, reducing module counts and system costs.

3. Venbrite LED drivers can be remote mounted 175’ awayusing #18 AWG wire, potential maintenance costs are minimized due to ease of access.



4. Brighter than 30 mA neon, with a 65-90% energy reduction.

5. Built-in GFI, open circuit, short circuit, overload and polarity protection, minimizing failures.

6. UL Classified for Neon to LED Retrofits using existing GTO wiring and conduit, saving 40% over competitive conversion systems.

VENBRITE W100C LED STRING SPECIFICATIONS:

LED TYPE:	White 100C
COLOR TEMP (K)/WAVE LENGTH (nm):	6500
STRING EFFICACY:	144 lm/W
SYSTEM EFFICACY: (1)(3)	128 lm/W
LED MODULE CURRENT: (2)	120 mA-dc
WATTS PER MODULE (TYP):	0.387W
SYSTEM WATTS PER MODULE (TYP): (3)	0.43W
SYSTEM WATTS PER FOOT (TYP):	0.86 W / ft
LUMENS PER MODULE:(4)	56 lm
LUMENS PER FOOT:	112 lm/ft
MAXIMUM LOADING PER DRIVER: (5)	150 mods (75ft)
MINIMUM MODULES PER DRIVER:	1 LED Module
MAXIMUM MODULE TO MODULE PITCH:	Maximum = 6”
MODULE SIZE: L X W X H (cm):	1.10” X 1.25” X 0.20”

1: System Efficacy = total system losses including LED Driver
2: LED current is factory set & line-load regulated
3: Based on typical LED driver efficiency of 89% & full load
4: Lumen output & efficacies based on 25C (77 F) ambient temperature
5: Based on VLP125SPD-120

VENTEX TECHNOLOGY