

Signa LED Channel Letter Systems deliver exactly what sign builders are asking for: high lumens, consistent color and a superior module fastening system. As you would expect from Signa, it also offers superior reliability and strong technical support.

The Signa LED driver family offers 12 and 24 Volt Class 2 output models designed for long life. The standard 12 and 24 Volt drivers are listed for dry and damp locations. The Q-can version is also listed for wet locations and allows for direct wiring connections without the need for an additional enclosure.

Features & Benefits:

LED Modules

- 80 and 100 lumens per foot options
- High efficiency for maximum footage loading on power supply
- Tightest binning available for consistent color and brightness
- Superior Fastening System using 3M VHB Tape
- Long Life - up to 50,000 hours
- Simple Connections
- Low power consumption
- 6500K and 3500K color temperature options

Constant Voltage LED Power Supplies

- 12V & 24V
- Class 2 Output
- High efficiency operation
- Over voltage, current & short circuit protection
- Wide operation temperature range: -40° to 60° C
- RoHS compliant
- Dry, damp, and wet locations options



Signa LED modules incorporate the latest in LED technology using extremely efficient LEDs that provide high lumens per Watt. This means high lumens per foot but low Watts per foot allowing for a maximum number of feet per single 60W power supply. Signa's circuitry design controls the current through each LED to ensure optimal performance while keeping down the LED temperature providing up to 50,000 hours of life.

The mounting system includes an adhesive tape along with a side tab hole for fasteners. In tight letter applications the side tab hole can be easily removed. Signa LED modules are designed to withstand the most challenging conditions. The wires run continuously through the LED Chain, IDC connectors are used to make the electrical connections to the circuit board. A weather resistant coating is applied to the circuit board preventing moisture, or particles from damaging the components.

Signa LED Systems offers technical support and drawing layout requests on the Signa website (www.signasign.com).

LSA LED Modules

Catalog Number	LSA-25W	LSA-25WH	LSA-25WW
Description	White	White	White
Input Voltage	12V	12V	12V
Color Temp/Wave Length	6500K	6500K	3500K
Viewing Angle	120°	120°	120°
Lumens/ Ft	80	100	100
Power/ Ft (W)	.94	1.2	1.2
Modules/ 60W PS	128	100	100
Feet/ 60W PS (ft/m)	64	50	50
LEDs/Module	3	3	3
Modules/Ft	2	2	2
Module Length (inch)	1.81		
Module Width (inch)	0.95		
Module Height (inch)	0.32		
Operating Temperature	-40°C to 70°C (-40°F to 158°F)		
Storage Temperature	-40°C to 85°C (-40°F to 185°F)		
Carton Quantity (4 per)	4 – 25ft Chains, 200 Modules Total		
Warranty (yr)	5		



Constant Voltage LED Power Supplies

Catalog Number	L12V60UNV-A	L12V60UNV-Q	L24V100UNV-A
Input Voltage	100-277V	100-277V	100-277V
Max Input Current	0.58/0.26	0.58/0.26	0.89/0.39
Output Voltage	12VDC	12VDC	24VDC
Output Current	5.0 A Max	5.0 A Max	4.0 A Max
Output Power Max	60W	60W	96W
UL Rating	Dry & Damp Locations	Dry, Damp, & Wet Locations	Dry & Damp Locations
Operating Temperature	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)
Dimensions (LxWxH)	9.5" x 1.5" x 1.18"	10.7" x 2.1" x 1.5"	9.5" x 1.5" x 1.18"
IP Rating	IP66	IP67	IP66



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General Info: (615) 316-5100
For Technical Engineering Services (TES), application support and warranty information, call 1-800-BALLAST



Website: www.unvlt.com
Email: webmaster@unvlt.com

LED Design Services

Signa LED Systems offers technical support & drawing layout requests on the Signa website.

www.signasign.com email: signa.led@unvlt.com



All specification information is subject to change without notification.
LEDMOD0213