



Why EVERLINE[®]?

EVERLINE's LED chains and drivers offer the ultimate LED solution for an endless array of applications. With the flexibility of a chain and the ease of low voltage wiring, Universal's LED chains can be applied virtually anywhere 12VDC is available. Chains are offered in daylight white for signage and backlighting applications and warm white for more architectural applications such as cove or accent lighting.

- Use in multiples of 1-100+ modules
- Create continuous lines, shapes, clusters or wraps
- Suitable for wet, damp or dry locations
- Fastens with screws or pre-applied 3M VHB tape

Universal uses the same high quality, tightly specified LEDs used in our architectural lighting products. This assures the user optimal performance, consistency and industry-leading lumens per watt efficiency. And, these devices are rated for 80% lumen maintenance at 60,000 hours of operation!

The constant voltage drivers offered by Universal are precision tuned to further optimize performance and efficiency. One model is available for indoor/dry applications and another for applications subject to extreme dust and/or moisture. Drivers are manufactured by Universal to the same stringent requirements that our commercial, industrial and sign lighting ballasts have been for over 70 years.

Since all of these LED chains and drivers are manufactured by Universal in our North American factory, you can count on Universal's commitment to quality and service before and after installation.

Features & Benefits:

LED Modules

- Endless configurations
- Superior fastening system using 3M VHB tape and/or screw mount
- High efficiency for maximum loading on power supply (just 100mA per foot)
- Highest quality LEDs for consistent color and brightness
- Active current regulation results in consistent output from module to module regardless of distance

Constant Voltage LED Power Supplies

- Over voltage, current & short circuit protection
- Low voltage (class 2) safety
- Dry, damp, and wet location options
- High efficiency operation
- Wide operation temperature range: -40° to 60° C

LED Modules

Catalog Number	LSA-25WH	LSA-25WW
Description	White	Warm White
Input Voltage	12V	
Viewing Angle	120°	
Color Temp/ Wave Length	6500K	3500K
Lumens/ Ft	100	95
Power/ Ft	1.00	1.00
Feet/ 60W PS	60'	60'
LEDs/ Module	3	
Module/ Ft	2	
Module Length	1.81"	
Module Width	0.95"	
Module Height	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	100 feet/200 Modules	
Warranty (yr)	5 year	



Constant Voltage LED Power Supplies

Catalog Number	D12V20UNV-JL	L12V60UNV-A	L12V60UNV-Q	L24V100UNV-A	L24V100UNV-Q
Input Voltage	100-277 VAC	100-277 VAC	100-277 VAC	100-277 VAC	100-277 VAC
Max Input Current	0.27/0.09	0.58/0.26	0.58/0.26	0.89/0.39	0.89/0.39
Output Voltage	12VDC	12VDC	12VDC	24VDC	24VDC
Output Current Range	1.7 A Max	5.0 A Max	5.0 A Max	4.0 A Max	4.0 A Max
Output Power Max	20W	60W	60W	96W	96W
UL Rating	Dry & Damp Location	Dry & Damp Locations	Dry, Damp, & Wet Locations	Dry & Damp Locations	Dry, Damp, & Wet 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)	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)
Dimensions (L x W x H)	5.3" x 1.34" x 1.00"	9.5" x 1.5" x 1.18"	12.13" x 2.1" x 1.5"	9.5" x 1.5" x 1.18"	12.13" x 2.1" x 1.5"
IP Rating	IP54	IP54	IP67	IP54	IP67



Don't forget Universal's Sign Retrofit Layout tool available at <http://unvlt.com/products/sign-ballasts>

It's **EASY** to **REACH US...**



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For Technical Engineering Services (TES), application support and warranty information, call **1-800-225-5278**

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All specification information is subject to change without notification.
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