

# LV SERIES

CONSTANT VOLTAGE LED DRIVERS

## CONSTANT VOLTAGE LED DRIVER CASE STYLE Y: POLYCARBONATE



### GENERAL INFORMATION

LED Drive Type	Constant Voltage Class 2
Wattage	12W
Input Voltage	120-277VAC (+/- 10%)
Input Frequency	50/60Hz
Power Factor @ Full Load	>0.9
Efficiency @ Full Load	Up to 78% (See chart)
Start-Up Time	<1s
Line Regulation	3%
Output Voltage Tolerance (@25°C)	+/- 5%
Output Overload Protection	Hiccup Mode
Output Short-Circuit Protection	Auto-Recovery
EMI Compliance	FCC Part 15 Class B
Minimum Load	50% of Max Output Current

### ENVIRONMENTAL SPECIFICATIONS

Minimum Operating Temp.	-30°C
Maximum Case Temp.	90°C
Maximum Storage Temp.	85°C
Maximum Relative Humidity	95% Non-condensing
Transient Protection	2kV
UL Environment Rating	Wet Location
Sound Rating	Class A

### APPROVALS



### WARRANTY

- 5 year limited warranty

### ELECTRICAL SPECIFICATIONS

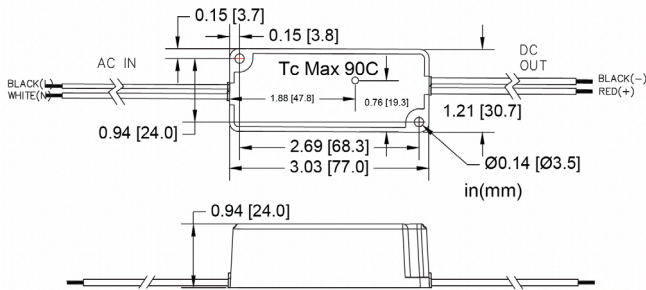
Max. Power (W)	Output Voltage (VDC)	Output Current (A)	Efficiency	THD @ Full Load (120V)	Input Current (A)(120V)	Part Number
12W	12 VDC	0.5-1.0A	75%	<20%	0.18/0.08A	LV12-12N-UNV-Y
	24 VDC	0.25-0.5A	78%			LV12-24N-UNV-Y

Output Designed for LED Loads Only

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## SIZING INFORMATION



Always confirm fit with a physical sample.  
Specifications subject to change without notice.

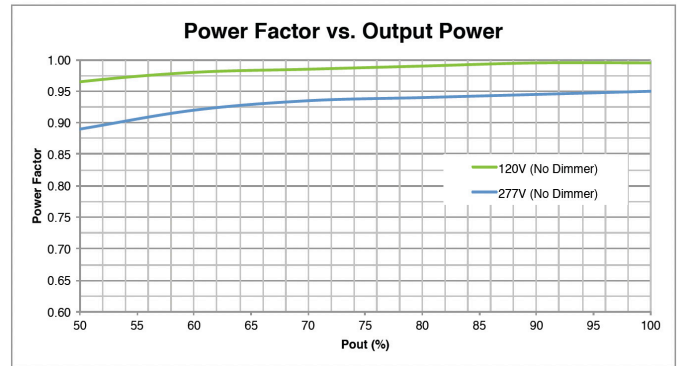
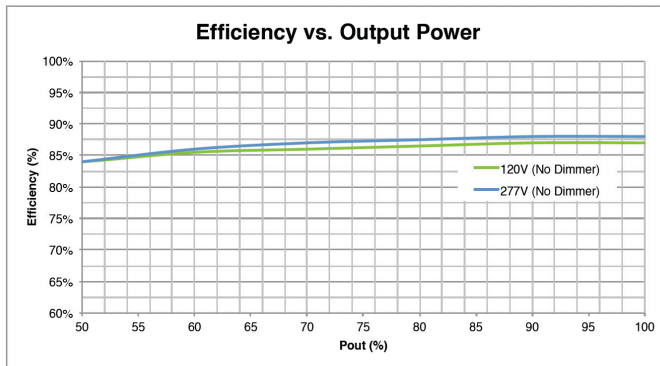
## WIRING INFORMATION

<b>Input</b>	6", Black (L), White (N) #18AWG
<b>Output</b>	6", Red (+), Blue (-) #18AWG

## PACKAGING INFORMATION

<b>Weight</b>	3.2oz
<b>Quantity</b>	40pcs/carton

## PLOT DATA

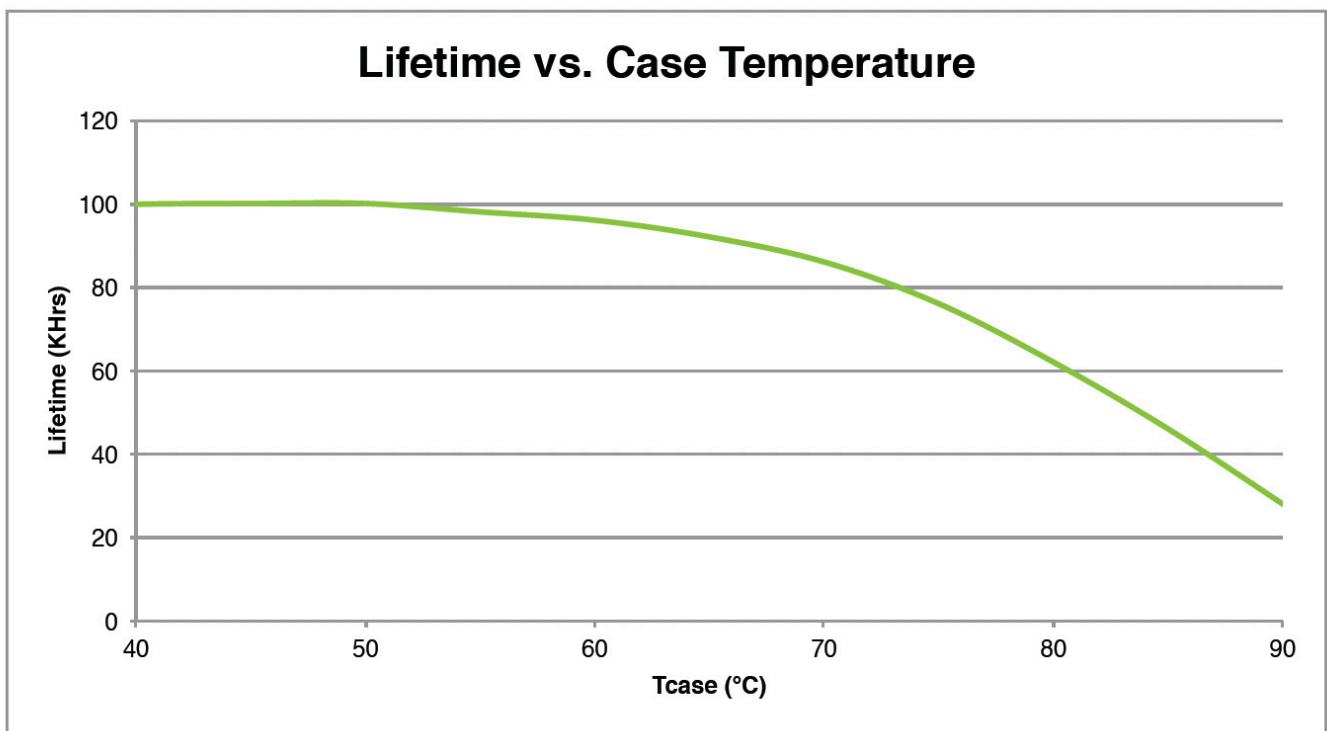


Efficiency and PF measured at 25°C.

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## PLOT DATA



Measurements made on model LV12-12N-UNV-Y.