

# LC SERIES

CONSTANT CURRENT LED DRIVERS

## CONSTANT CURRENT LED DRIVER CASE STYLE C: POLYCARBONATE



### GENERAL INFORMATION

LED Drive Type	Constant Current, Class 2
Maximum Wattage	12W
Input Voltage	120V (+/-10%)
Input Frequency	50/60 Hz
Power Factor @ Full Load	>0.9
Efficiency @ Full Load	Up to 78% (See Chart Below)
THD	<20%
Start-Up Time	<750ms
Output Current Tolerance	+/- 5%
Line Regulation	+/- 1%
Load Regulation (Max Load)	+/- 2%
Dimming	Phase Dimming
Output Over Current Protection	Hiccup Mode
Output Short-Circuit Protection	Hiccup Mode
Over Temperature Protection	Hiccup Mode
EMI Compliance	FCC Part 15 Class B

### ENVIRONMENTAL SPECIFICATIONS

Minimum Operating Temp.	-40° C
Maximum Case Temp.	+90° C
Maximum Storage Temp.	+85° C
Maximum Relative Humidity	95% non-condensing
Transient Protection	2kV
UL Environment Rating	Dry and Damp
Sound Rating	Class A

### APPROVALS



### WARRANTY

- 5 year limited warranty

### ELECTRICAL SPECIFICATIONS

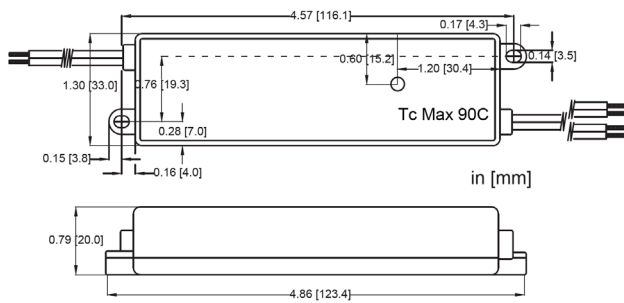
Max. Power	Rated Current	Output Voltage (VDC)	Input Voltage	Dimming Type	Input Power	Input Current	Efficiency	Part Number
12W	Phase Dimming							
	350mA	6-32 VDC	120 VAC	Phase Dimming	15W	0.13A	77%	LC12-0350P-120-C
	500mA	5-24 VDC					78%	LC12-0500P-120-C
	700mA	5-17 VDC					78%	LC12-0700P-120-C
	Non-Dimming							
350mA	6-32 VDC	120 VAC	Non-Dimming	15W	0.13A	75%	LC12-0350N-120-C	

Custom output current available on Made to Order basis

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## SIZING INFORMATION: CASE STYLE C



Specifications subject to change without notice.

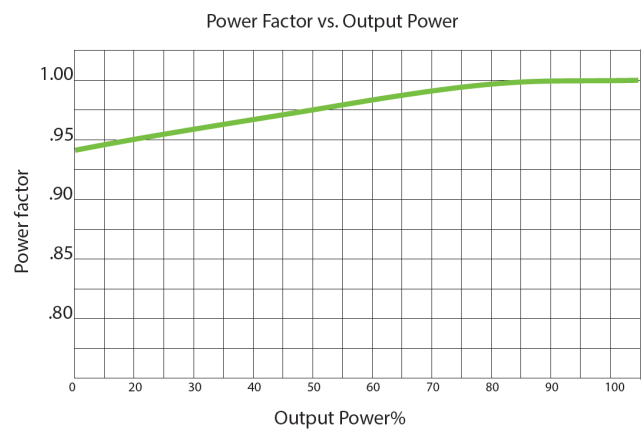
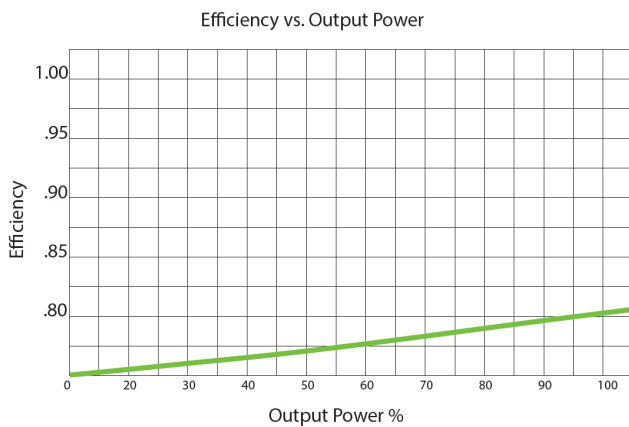
## WIRING INFORMATION

<b>Input</b>	12", Black (L), White (N) #18AWG
<b>Output</b>	12", Red (+), Blue (-) #18AWG

## PACKAGING INFORMATION

<b>Package Weight</b>	4.1oz
<b>Quantity</b>	40pcs/carton

## PERFORMANCE CURVES

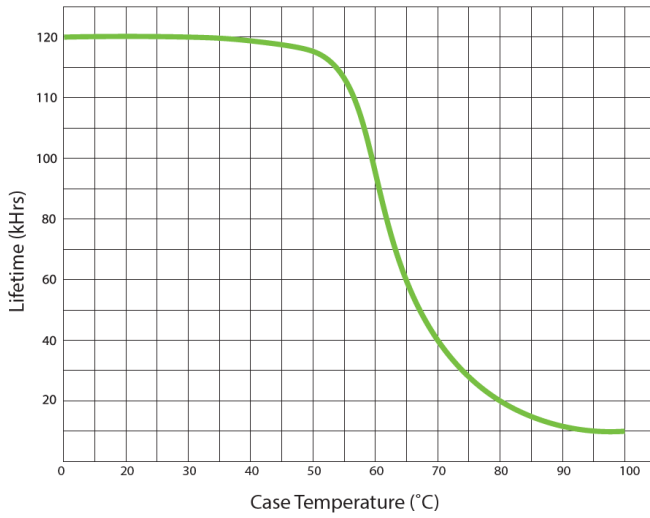


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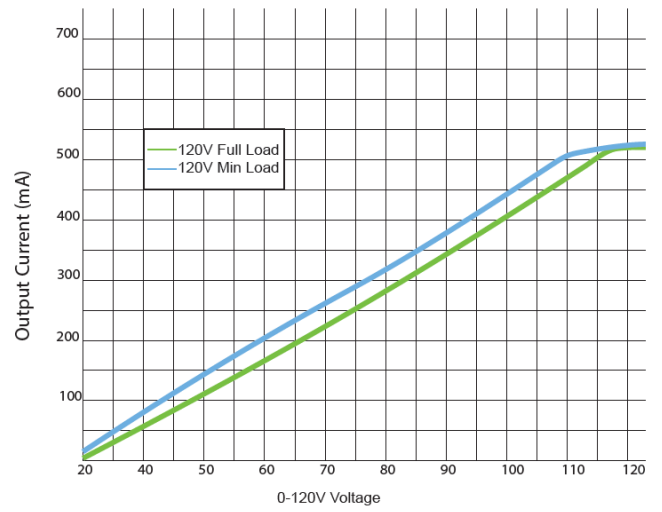
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## PERFORMANCE CURVES

Lifetime vs. Case Temperature



Dimming Curve



Output voltage range must be maintained throughout entire dimming range.

# Mouser Electronics

Authorized Distributor

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[LC12-0350P-120-C](#) [LC12-0500P-120-C](#) [LC12-0700P-120-C](#)