

LC SERIES

CONSTANT CURRENT LED DRIVERS

CONSTANT CURRENT LED DRIVER CASE STYLE F: METAL



GENERAL INFORMATION

LED Drive Type	Constant Current Class 2
Maximum Wattage	60W
Input Voltage	120-277VAC (+/-10%)
Input Frequency	50/60 Hz
Power Factor @ Full Load	>0.9
Efficiency @ Full Load	86%
THD	<20%
Start-Up Time	<750ms
Output Current Tolerance	5%
Line Regulation	1%
Load Regulation (Max Load)	2%
Maximum Current Ripple	<3%
Dimming	0-10V (Min 10%)
Output Over Current Protection	Hiccup Mode
Output Short-Circuit Protection	Hiccup Mode
Over Temperature Protection	Auto-Recovery
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	4kV L-N, 6kV L/N-GND
UL Environment Rating	Dry & 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
60W	**700mA	43 - 86 VDC	120-277 VAC	0-10V Dimming	71W	0.61/0.27A	86%	**LC60-0700Z-UNV-F
	*1050mA	29 - 57 VDC						*LC60-1050Z-UNV-F
	1600mA	18 - 38 VDC						LC60-1600Z-UNV-F
	2400mA	12 - 25 VDC						LC60-2400Z-UNV-F

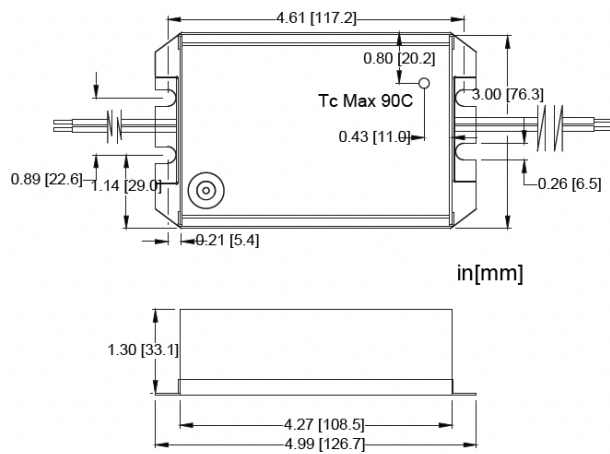
Custom output current available on Made to Order basis

** Non-Class 2 *Class 2 US Only

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SIZING INFORMATION: CASE STYLE F



Specifications subject to change without notice.

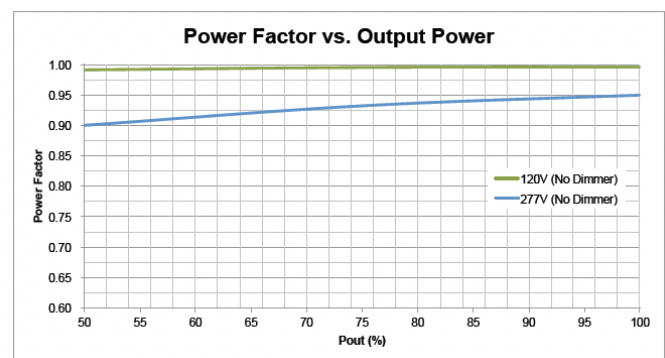
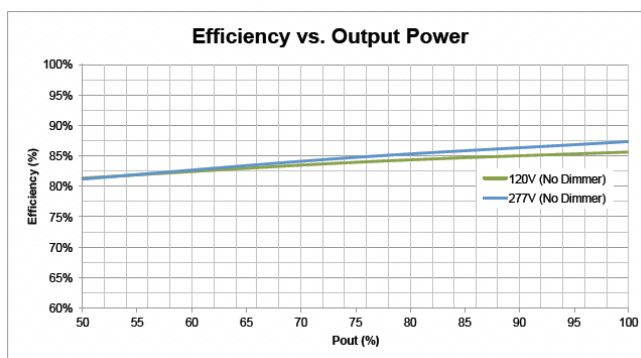
WIRING INFORMATION

Input	12", Black (L), White (N) #18AWG
Output	12", Red (+), Blue (-) #18AWG
Dimming	12", Purple (+), Pink (-) #22AWG

PACKAGING INFORMATION

Package Weight	23oz
Quantity	30pcs/carton

PERFORMANCE CURVES

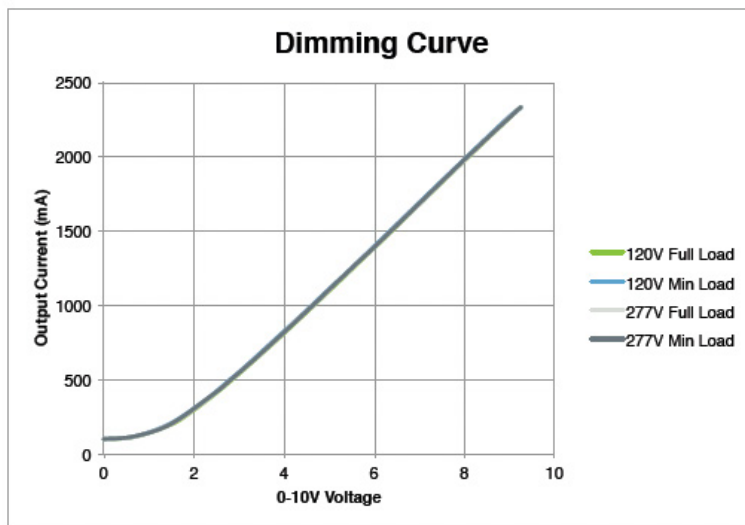
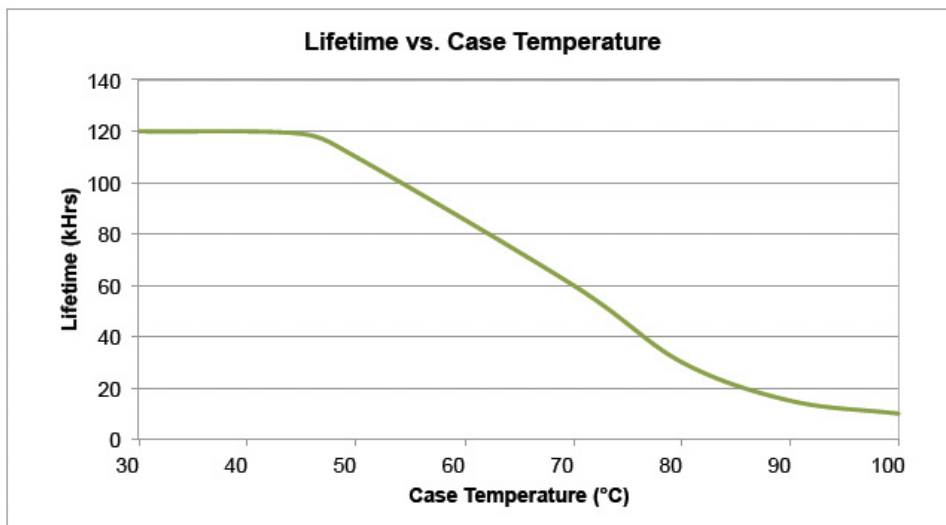


Efficiency and PF measured at 25°C.
Measurements made on model LC60-2400Z-UNV-F.

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PERFORMANCE CURVES



Efficiency and PF measured at 25°C.

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Mouser Electronics

Authorized Distributor

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