

LC SERIES

CONSTANT CURRENT LED DRIVERS

CONSTANT CURRENT LED DRIVER CASE STYLE D: METAL



GENERAL INFORMATION

LED Drive Type	Constant Current Class 2
Maximum Wattage	22W
Input Voltage	120VAC (+/-10%) or 120-277VAC (+/-10%)
Input Frequency	50/60Hz
Power Factor @ Full Load	>0.9
Efficiency @ Full Load	Up to 86% (See Chart Below)
THD	<20%
Start-Up Time	<750ms (Non-dimming), <500ms (Phase dimming)
Output Current Tolerance	5%
Line Regulation	1%
Load Regulation (Max Load)	2%
Dimming	Phase or Non-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 L-N
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
22W	Non-Dimming							
	350mA	21 - 63 VDC	120 - 277 VAC	Non-Dimming	27W	0.26/ 0.12A	86%	LC22-0350N-UNV-D**‡
	700mA	10 - 32 VDC					84%	LC22-0700N-UNV-D
	Phase Dimming							
	350mA	21 - 63 VDC	120 VAC	Phase Dimming	27W	0.25A	82%	LC22-0350P-120-D**‡
	500mA	12 - 40 VDC			25W		82%	LC22-0500P-120-D
700mA	10 - 32 VDC	27W			81%		LC22-0700P-120-D	

Custom output current available on Made to Order basis

** Non-Class 2

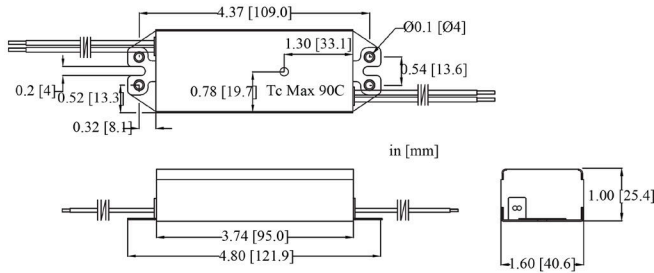
*Class 2 US ONLY

‡ Class-P

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SIZING INFORMATION: CASE STYLE D



Specifications subject to change without notice.

WIRING INFORMATION

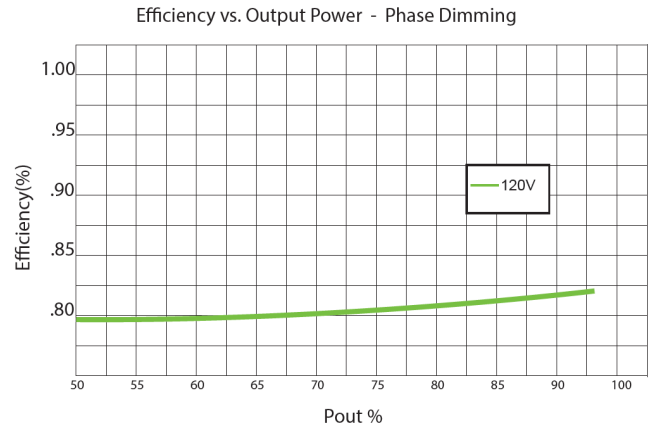
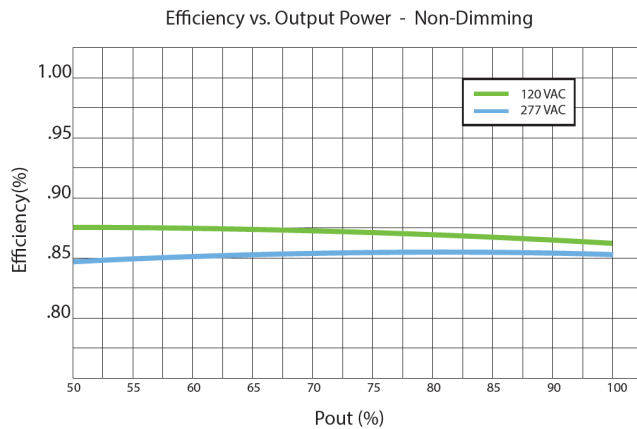
Input	12", Black (L), White (N) #18AWG
Output	12", Red (+), Blue (-) #18AWG

PACKAGING INFORMATION

Package Weight	8.3oz
Quantity	60pcs/carton

PERFORMANCE CURVES

Efficiency Vs. Output Power

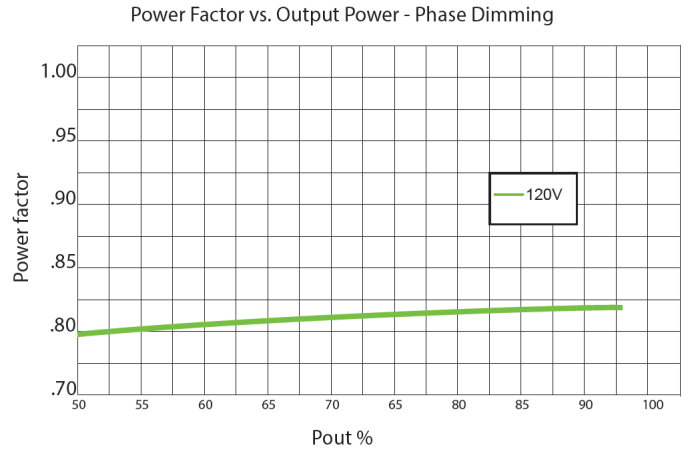
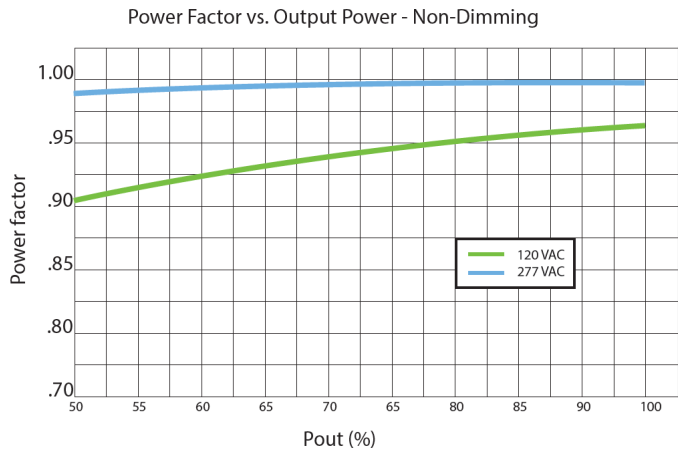


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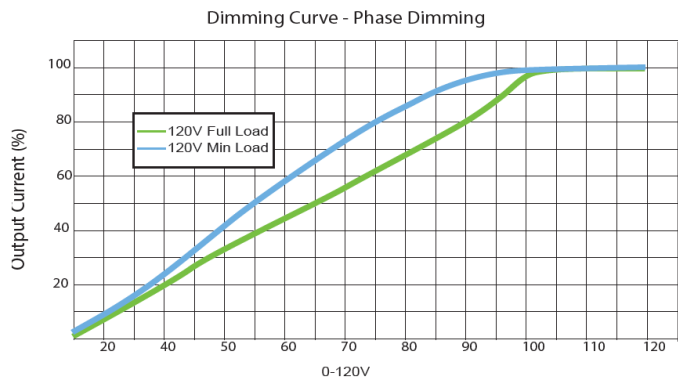
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PERFORMANCE CURVES

Power Factor Vs. Output Power



Dimming Curve



Output voltage range must be maintained throughout entire dimming range.

Lifetime Vs. Case Temperature

