

# LC SERIES

CONSTANT CURRENT LED DRIVERS

## CONSTANT CURRENT LED DRIVER CASE STYLE FF: POLYCARBONATE



### GENERAL INFORMATION

LED Drive Type	Constant Current Class 2
Maximum Wattage	30W
Input Voltage	120-277VAC (+/-10%)
Input Frequency	50/60Hz
Power Factor @ Full Load	>0.9
Efficiency @ Full Load	Up to 89% (See Chart Below)
THD	<20%
Start-Up Time	<750ms
Output Current Tolerance	5%
Line Regulation	1%
Load Regulation (Max Load)	2%
Dimming	0-10v (Min 10%)
Output Over Current Protection	Hiccup Mode
Output Short-Circuit Protection	Hiccup Mode
Over Temp. 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
UL Environment Rating	Wet Location
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
30W	Dimming Models							
	350mA	42 - 85 VDC	120 - 277 VAC	0-10V Dimming	34W	0.36/0.16A	89%	LC30-0350Z-UNV-FF
	700mA	22 - 43 VDC			33W		87%	*LC30-0700Z-UNV-FF

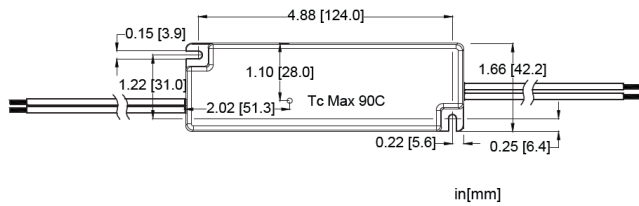
Custom output current available on Made to Order basis.

\* Class 2 US Only

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## SIZING INFORMATION: CASE STYLE FF



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

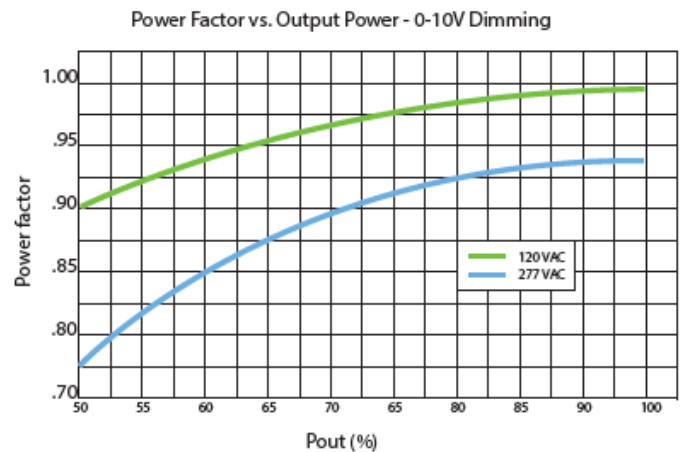
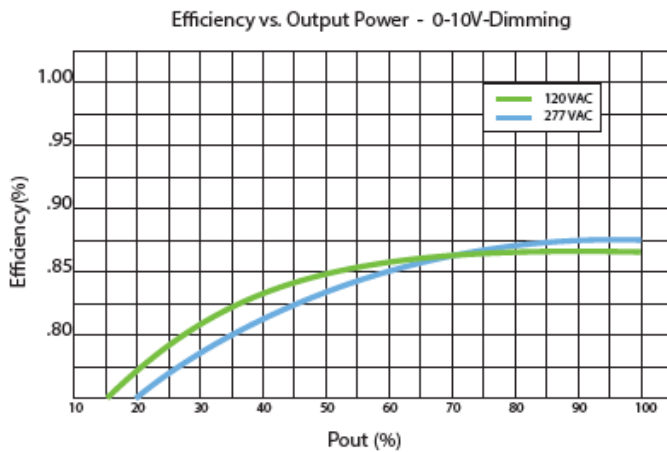
## WIRING INFORMATION

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

## PACKAGING INFORMATION

<b>Package Weight</b>	8.3oz
<b>Quantity</b>	40pcs/carton

## PERFORMANCE CURVES

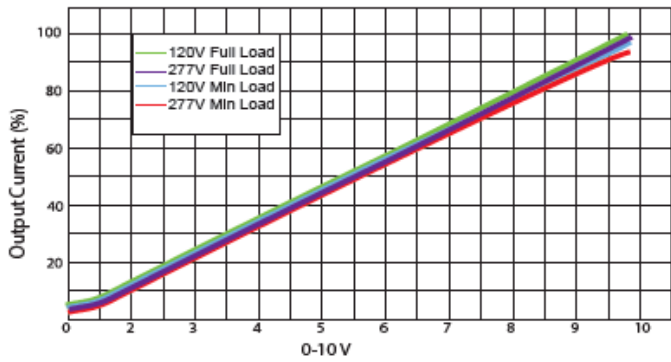


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## PERFORMANCE CURVES

Dimming Curve - 0-10V Dimming



Output voltage range must be maintained throughout entire dimming range.

Lifetime vs. Case Temperature

