

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 -	0-10V	34W	0.36/	89%	LC30-0350Z-UNV-FF
	700mA	22 - 43 VDC	277 VAC	Dimming	33W	0.16A	87%	*LC30-0700Z-UNV-FF

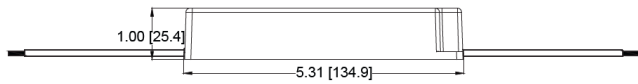
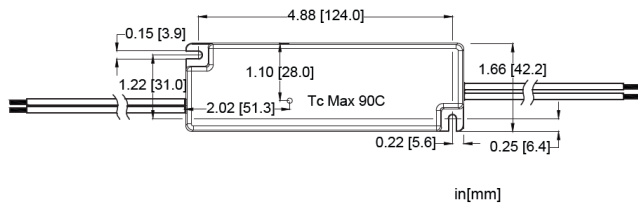
Custom output current available on Made to Order basis.

* 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.

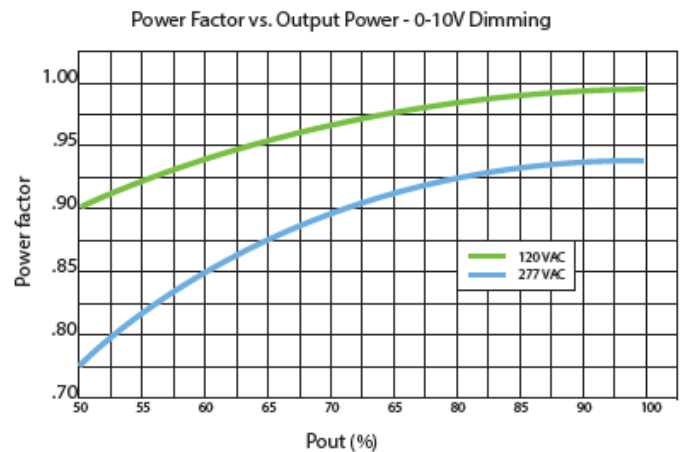
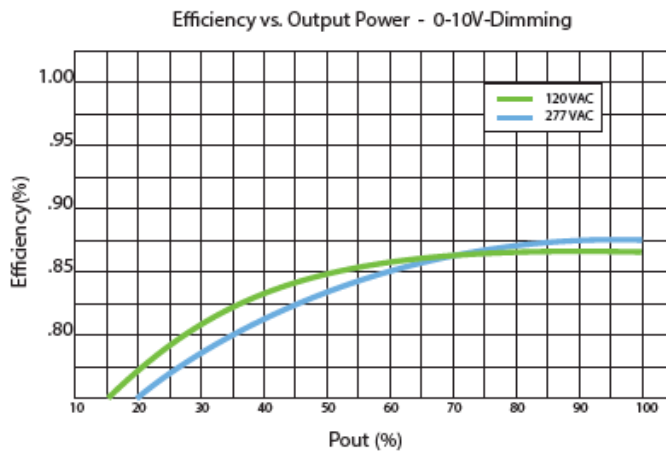
WIRING INFORMATION

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

PACKAGING INFORMATION

Package Weight	8.3oz
Quantity	40pcs/carton

PERFORMANCE CURVES

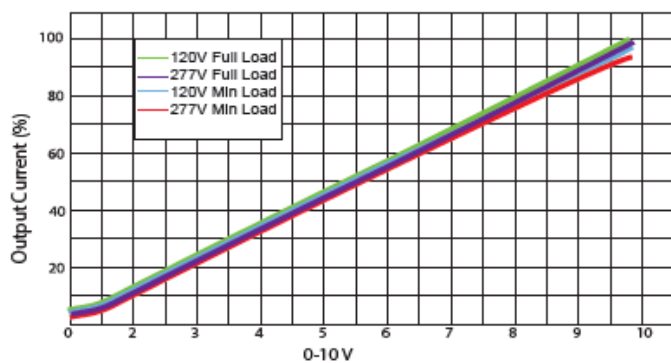


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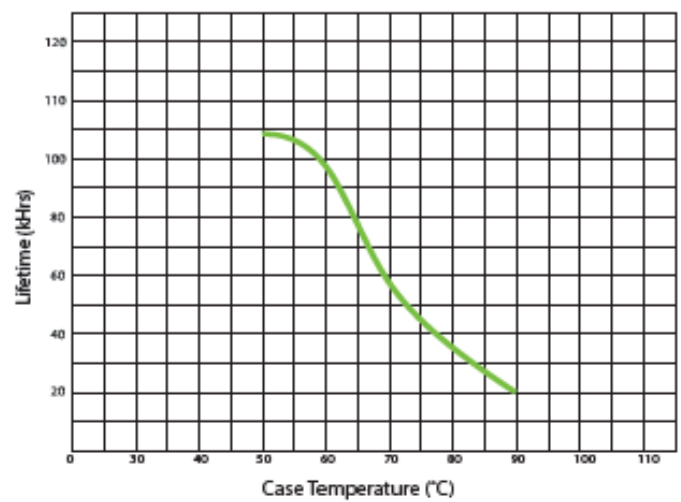
PERFORMANCE CURVES

Dimming Curve - 0-10V Dimming



Output voltage range must be maintained throughout entire dimming range.

Lifetime vs. Case Temperature



Mouser Electronics

Authorized Distributor

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[Hatch Lighting:](#)

[LC30-0350Z-UNV-FF](#) [LC30-0700Z-UNV-FF](#)