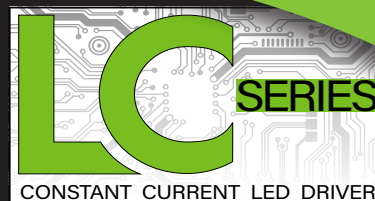


HATCH

LED DRIVERS



GENERAL INFORMATION

LED Driver Type	Constant Current (Class 2)
Maximum Wattage	12 Watts
Input Voltage	120 VAC $\pm$ 10% Dedicated
Input Frequency	50/60Hz
Total Harmonic Distortion	<20%

CASE STYLE C: POLYCARBONATE



ELECTRICAL SPECIFICATIONS

Watts	Rated Current	Output Voltage	Dimming Type	Input Voltage	Input Power	Input Current	Power Factor	Efficiency	Hatch Part Number
Phase Dimming									
12W	350mA	6-32 VDC	Phase Dimming	120 VAC	15W	0.13A	>0.90	77%	LC12-0350P-120-C
	500mA	5-24 VDC	Phase Dimming	120 VAC	15W	0.13A	>0.90	78%	LC12-0500P-120-C
	700mA	5-17 VDC	Phase Dimming	120 VAC	15W	0.13A	>0.90	78%	LC12-0700P-120-C
	Non-Dimming								
	350mA	17-34 VDC	Non-Dimming	120 VAC	15W	0.13A	>0.90	75%	LC12-0350N-120-C

PRODUCT FEATURES

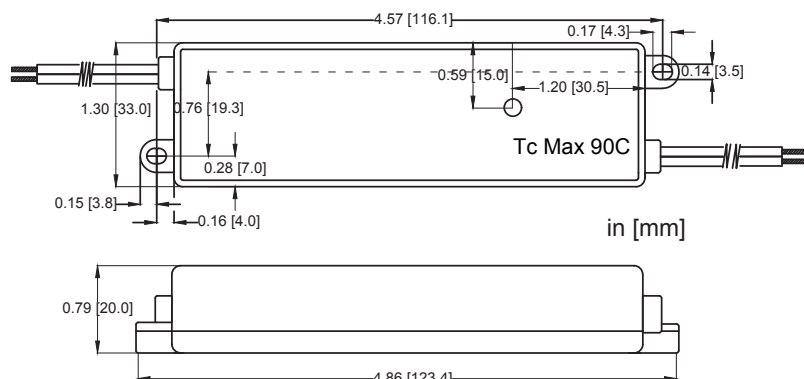
- Short circuit and overload protection
- Suitable for dry and damp locations
- Withstanding voltage: I/P - O/P 2.8kVAC, 2mA
- Operating Temperature range: -40°C to 90°C (measured at Tcase)
- MTBF: 570,000 hours @ 40°C ambient (-70°C case temp)
- Surge voltage rating: L-N 2kV
- Output Current tolerance $\pm$ 5% @ 25°C
- Inrush Current: <20A Max @ 120VAC, cold start 25°C

APPROVALS

- UL 8750 recognized component
- EN61000-3-2
- EMC: Meets FCC47 CFR Part 15 (Class B) consumer limits



MECHANICAL SPECIFICATIONS: CASE STYLE C



DIMENSIONS [IN/MM]

Length:	4.86 [123.4]
Mounting:	4.57 [116.1]
Width:	1.30 [33.0]
Height:	0.79 [20.0]

WIRING INFORMATION

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

PACKAGING INFORMATION

Weight:	4.1oz
Quantity:	40pc/carton

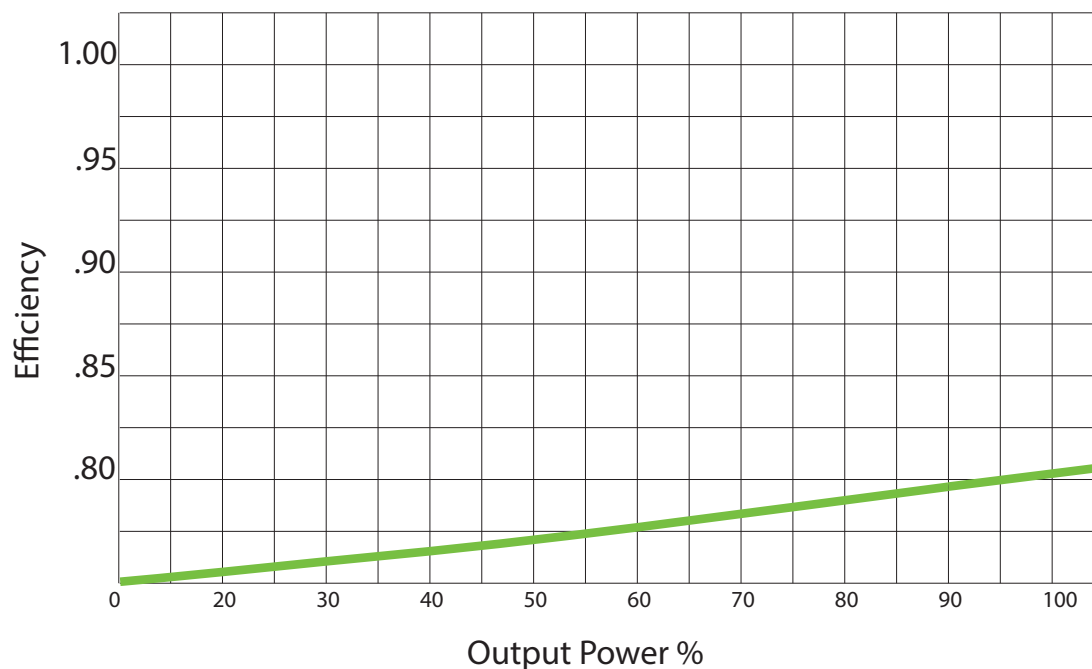
WARRANTY

- 5 year limited warranty

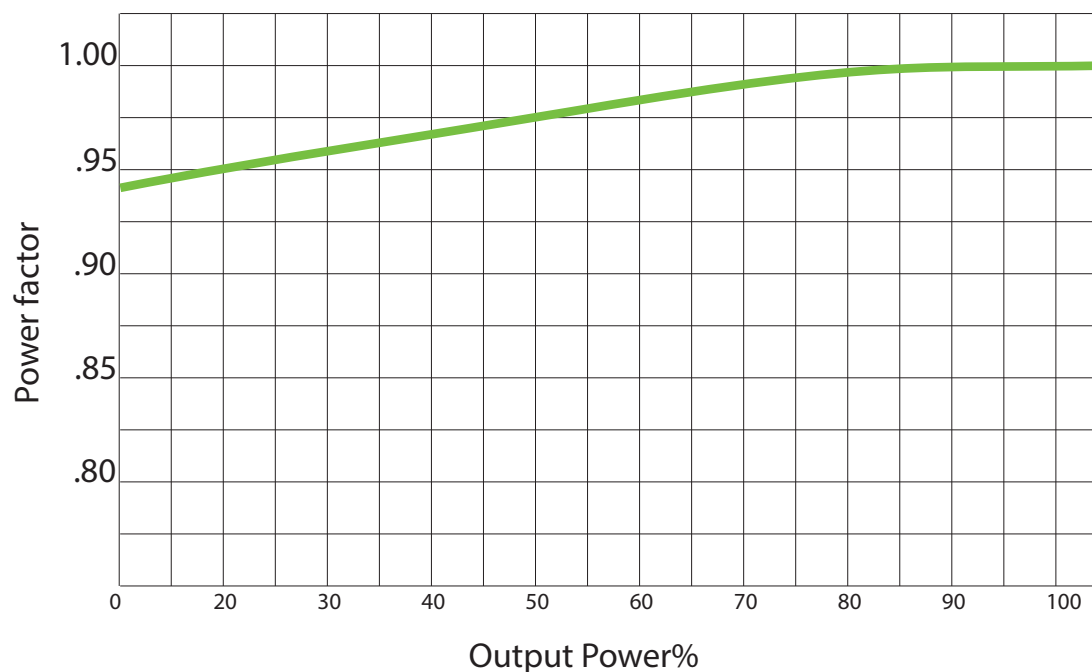
Specifications subject to change without notice.

PERFORMANCE CURVES

Efficiency vs. Output Power



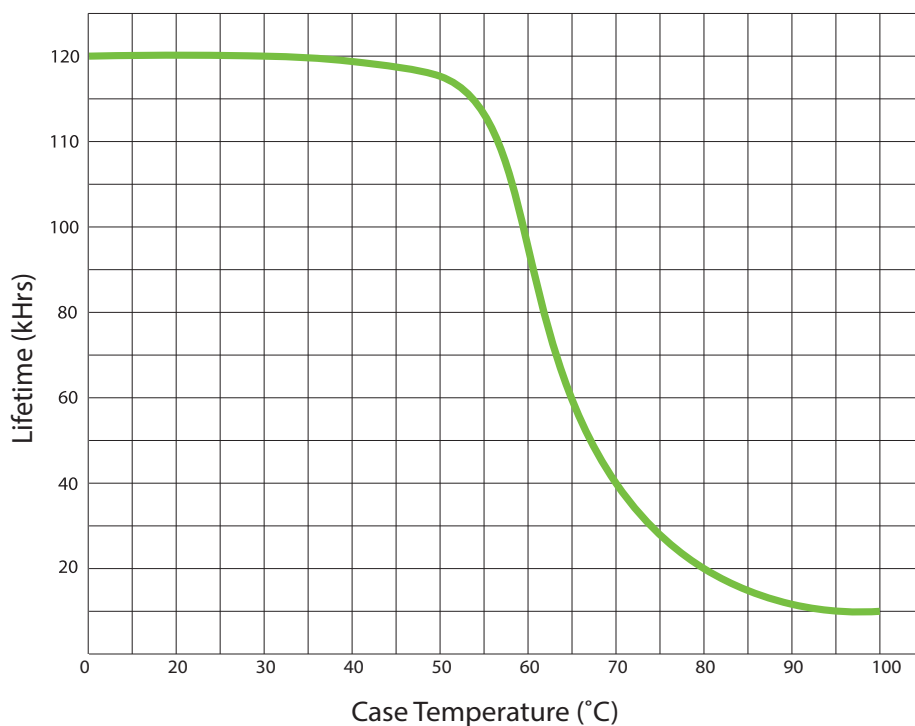
Power Factor vs. Output Power



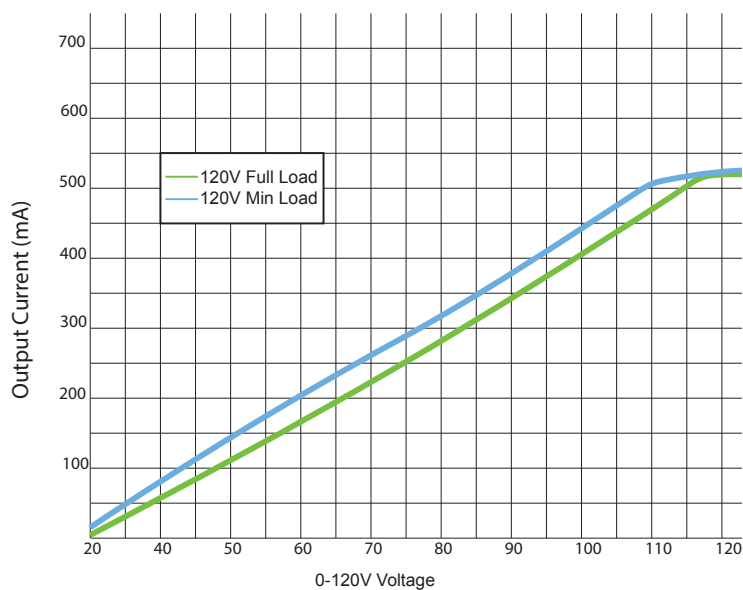
Efficiency and PF measured at 25°C.
Measurements made on model LC12-0600P-120-C.

PERFORMANCE CURVES

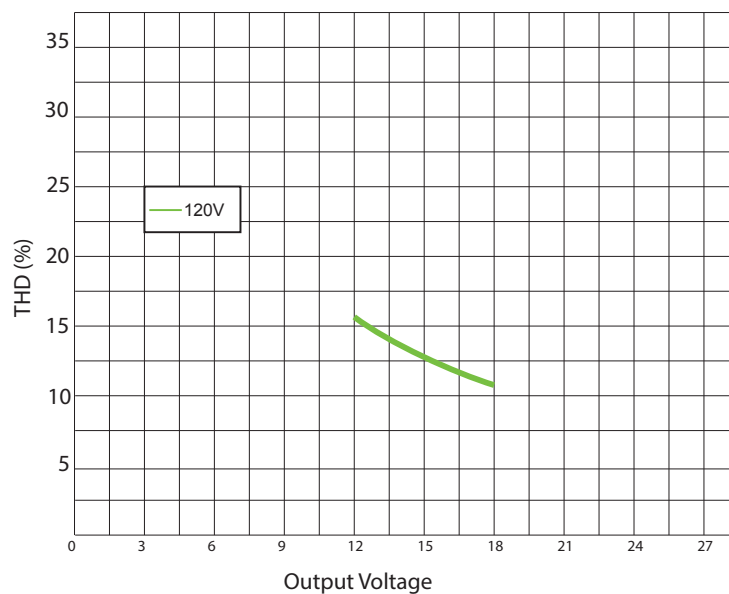
Lifetime vs. Case Temperature



Dimming Curve



THD vs Output Power



Efficiency and PF measured at 25°C.

Measurements made on model LC12-0600P-120-C.

Specifications subject to change without notice.

Mouser Electronics

Authorized Distributor

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[Hatch Lighting:](#)

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