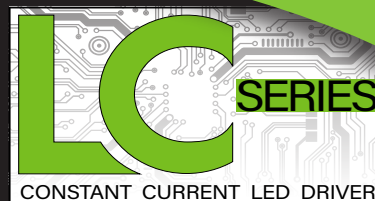


HATCH LED DRIVERS



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	6-32 VDC	Non-Dimming	120 VAC	15W	0.13A	>0.90	75%	LC12-0350N-120-C

PRODUCT FEATURES

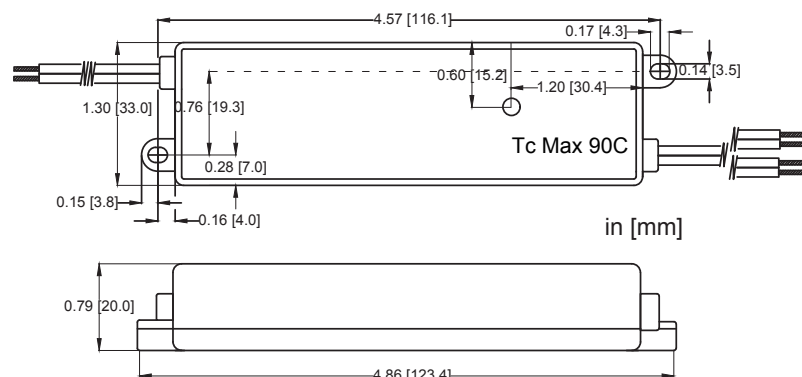
- Short circuit and overload protection
- Suitable for dry and damp locations
- Withstanding voltage: I/P - O/P 2.8kVAC, 2mA
- Operating Temperature range: -40°C to 90°C (measured at Tcase)
- MTBF: 570,000 hours @ 40°C ambient (-70°C case temp)
- Surge voltage rating: L-N 2kV
- Output Current tolerance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

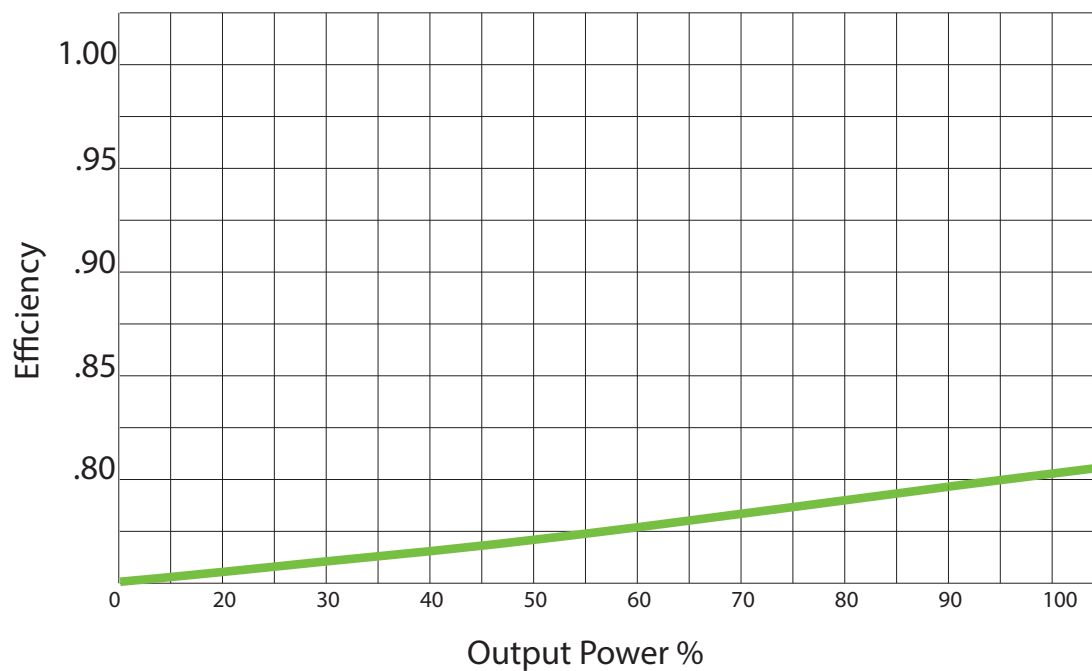
WARRANTY

- 5 year limited warranty

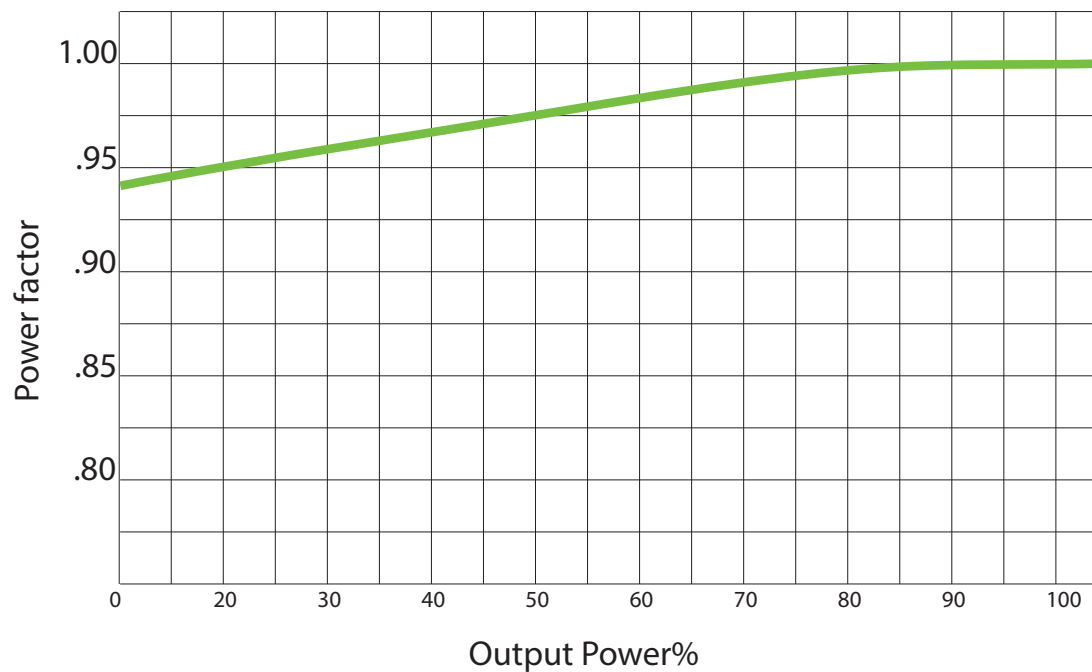
Specifications subject to change without notice.

PERFORMANCE CURVES

Efficiency vs. Output Power

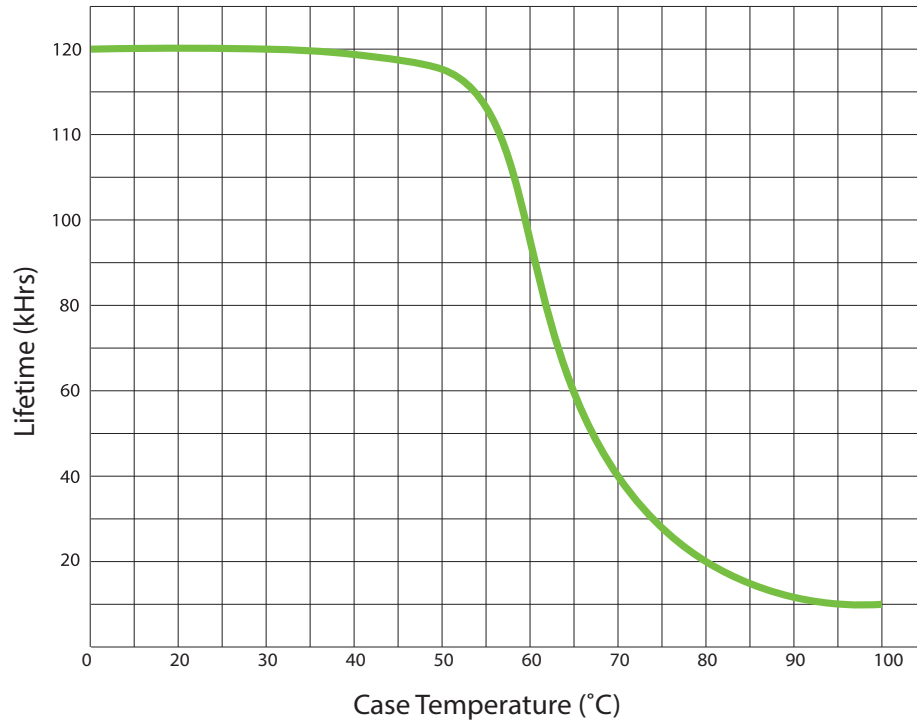


Power Factor vs. Output Power

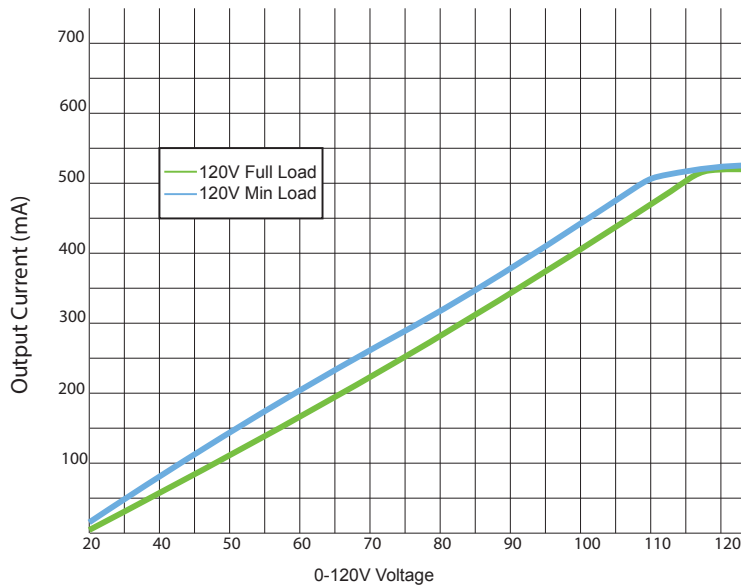


PERFORMANCE CURVES

Lifetime vs. Case Temperature

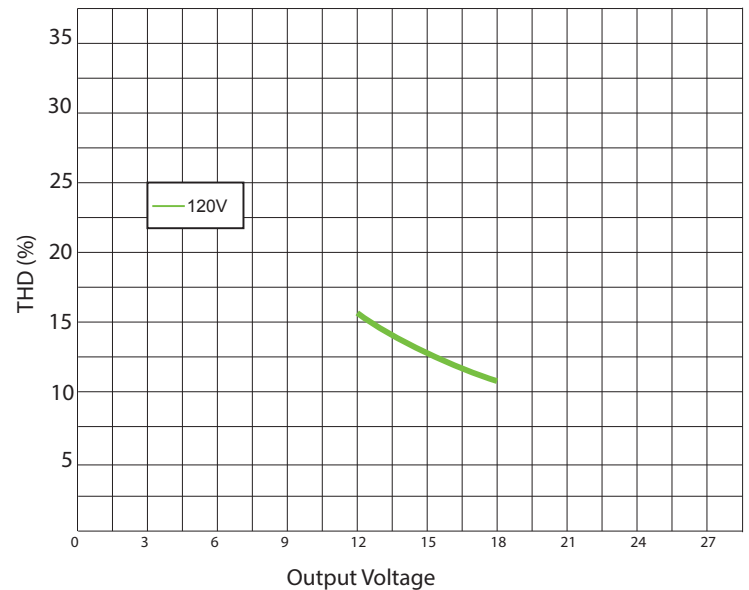


Dimming Curve



Output voltage range must be maintained throughout entire dimming range.

THD vs Output Power



Specifications subject to change without notice.

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