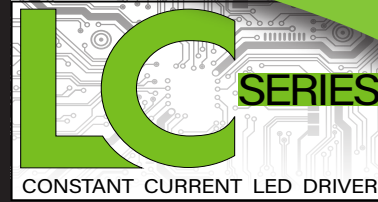


HATCH LED DRIVERS



GENERAL INFORMATION

LED Driver Type	Constant Current (Class 2)
Maximum Wattage	22 Watts
Input Voltage	120 VAC \pm 10% Dedicated 120 - 277 VAC \pm 10% Universal
Input Frequency	50/60Hz
Total Harmonic Distortion	<20%

CASE STYLE D: METAL



ELECTRICAL SPECIFICATIONS

Watts	Rated Current	Output Voltage	Dimming Type	Input Voltage	Input Power	Input Current	Power Factor	Efficiency	Hatch Part Number
Non-Dimming Models									
22W	350mA	21 - 63 VDC	Non-Dimming	120 - 277 VAC	27W	0.26/0.12A	>0.90	86%	LC22-0350N-UNV-D**‡
	500mA	14 - 44 VDC	Non-Dimming	120 - 277 VAC	27W	0.26/0.12A	>0.90	86%	LC22-0500N-UNV-D*‡
	700mA	10 - 32 VDC	Non-Dimming	120 - 277 VAC	27W	0.26/0.12A	>0.90	84%	LC22-0700N-UNV-D
	1050mA	10-21 VDC	Non-Dimming	120-277 VAC	27W	0.26/0.12A	>0.09	83%	LC22-1050N-UNV-D
Phase Dimming Models									
22W	350mA	21 - 63 VDC	Phase Dimming	120 VAC	27W	0.25A	>0.90	82%	LC22-0350P-120-D**‡
	500mA	12 - 40 VDC	Phase Dimming	120 VAC	25W	0.25A	>0.90	82%	LC22-0500P-120-D
	600mA	12 - 36 VDC	Phase Dimming	120 VAC	27W	0.25A	>0.90	81%	LC22-0600P-120-D
	700mA	10 - 32 VDC	Phase Dimming	120 VAC	27W	0.25A	>0.90	81%	LC22-0700P-120-D
	800mA	10 - 28 VDC	Phase Dimming	120 VAC	27W	0.25A	>0.90	81%	LC22-0800P-120-D
	900mA	10 - 24 VDC	Phase Dimming	120 VAC	27W	0.25A	>0.90	81%	LC22-0900P-120-D
	1050mA	10 - 20 VDC	Phase Dimming	120 VAC	27W	0.25A	>0.90	81%	LC22-1050P-120-D

** Non-Class 2

*Class 2 US ONLY

‡ Class-P

PRODUCT FEATURES

- Short circuit and overload protection
- Suitable for dry locations
- Withstanding voltage: I/P – O/P 2.8kVDC, 2mA
- Operating temperature range: -40°C to 90°C (measured at Tcase)
- MTBF: 376,000 hours @ 40°C ambient (~70°C case temp)
- Surge voltage rating: L-N 2kV
- Inrush Current: <7A Max @120VAC for 120V input models, cold start 25°C
- Inrush Current: <7A Max @230VAC for Universal input models, cold start 75°C
- Output Current tolerance +/- 5% @ 25°C

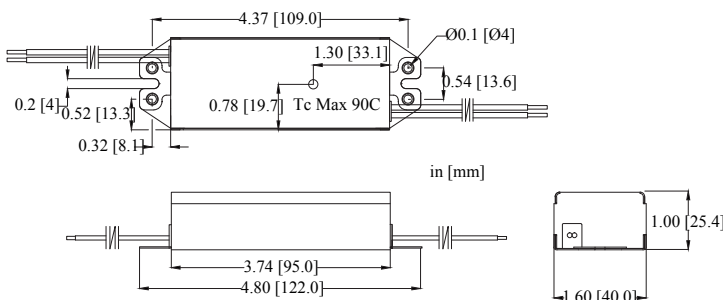
APPROVALS

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



TYPE
HL

MECHANICAL SPECIFICATIONS: CASE STYLE D



DIMENSIONS [IN/MM]

Length:	4.80 [122.0]
Mounting:	4.37 [111.0]
Width:	1.60 [40.0]
Height:	1.00 [25.4]

WIRING INFORMATION

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

PACKAGING INFORMATION

Weight:	8.3oz
Quantity:	60pc/carton

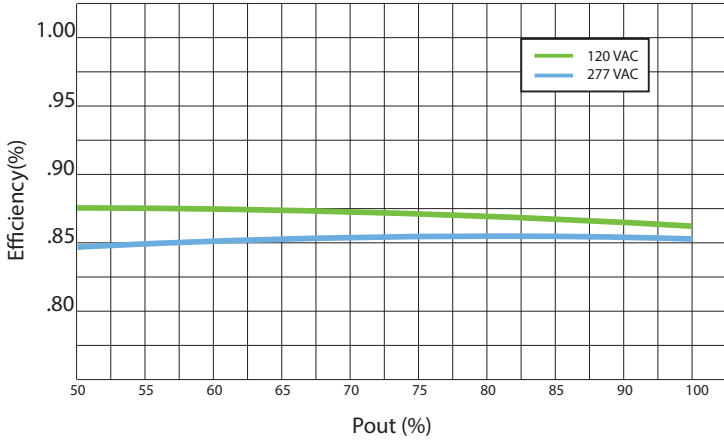
5 year limited warranty

Specifications subject to change without notice.

PERFORMANCE CURVES

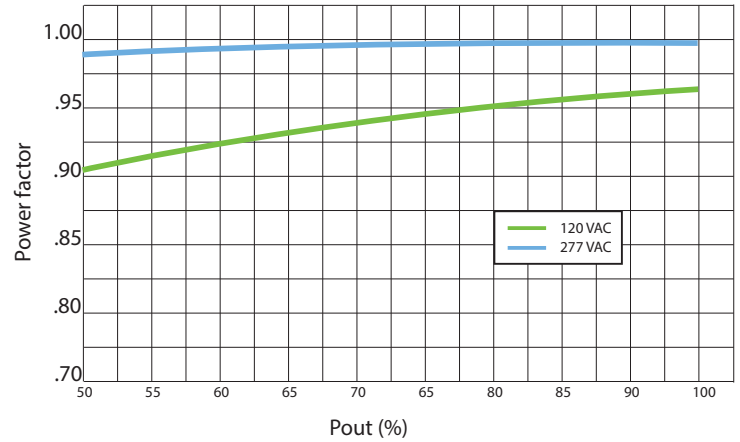
Efficiency VS Output Power

Efficiency vs. Output Power - Non-Dimming

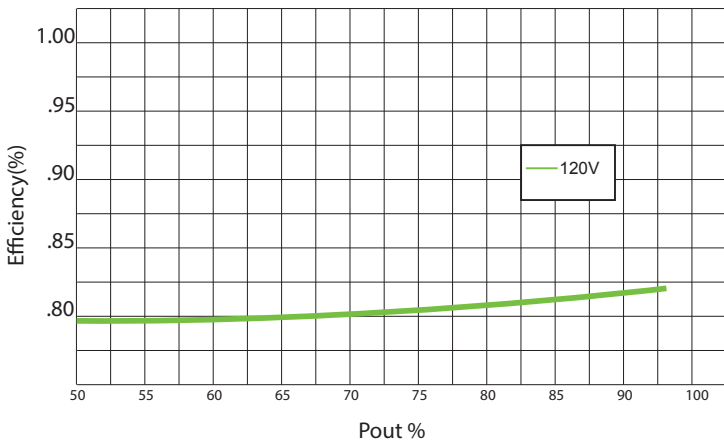


Power Factor VS Output Power

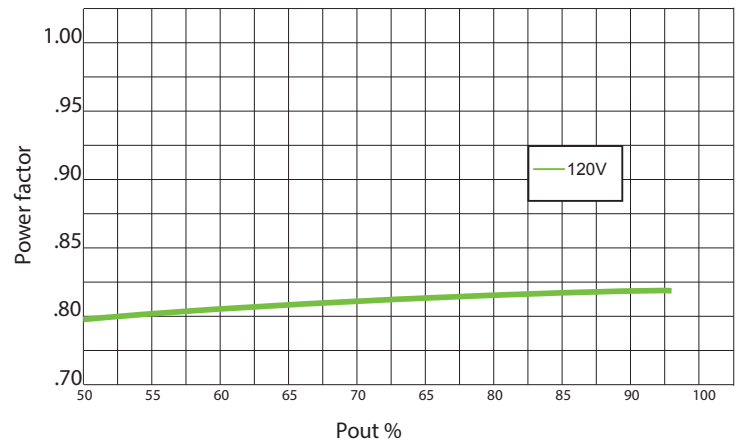
Power Factor vs. Output Power - Non-Dimming



Efficiency vs. Output Power - Phase Dimming

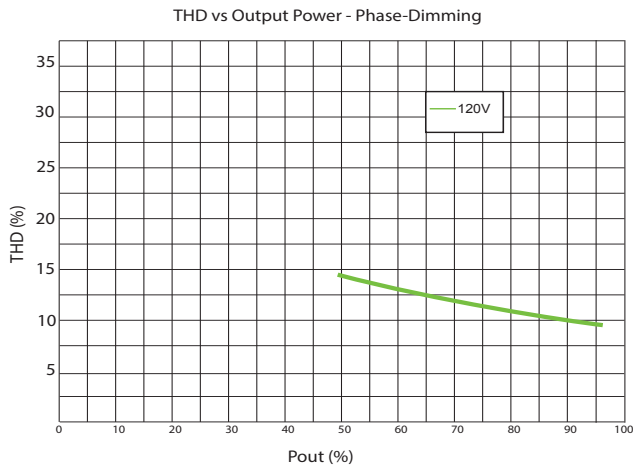


Power Factor vs. Output Power - Phase Dimming

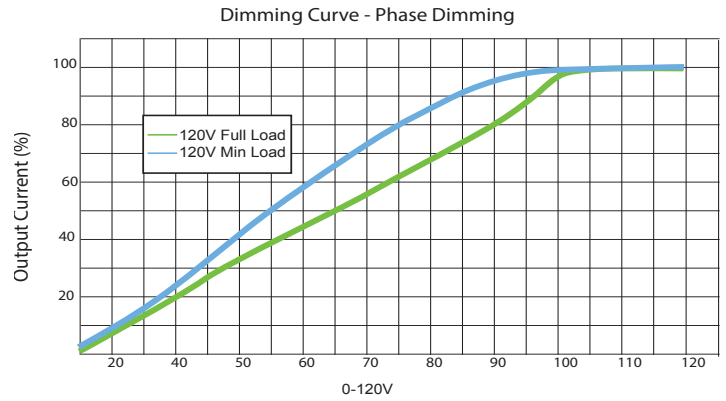


PERFORMANCE CURVES

THD VS Output Power



Dimming Curves



Output voltage range must be maintained throughout entire dimming range.

Lifetime VS Case Temperature

