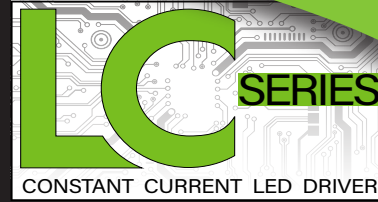


# HATCH LED DRIVERS



## GENERAL INFORMATION

LED Driver Type	Constant Current (Class 2)
Maximum Wattage	14 Watts
Input Voltage	120-277 VAC ± 10% Universal
Input Frequency	50/60Hz
Total Harmonic Distortion	<20%

## CASE STYLE S: METAL



## ELECTRICAL SPECIFICATIONS

Watts	Rated Current	Output Voltage	Dimming Type	Input Voltage	Input Power	Input Current	Power Factor	Efficiency	Hatch Part Number
<b>0-10V Dimming</b>									
14W	350mA	20-40 VDC	0-10V Dimming	120-277 VAC	17W	0.15/0.08A	>0.90	82%	LC14-0350Z-UNV-S
	500mA	14-28 VDC	0-10V Dimming	120-277 VAC	17W	0.15/0.08A	>0.90	82%	LC14-0500Z-UNV-S
	700mA	12-20 VDC	0-10V Dimming	120-277 VAC	17W	0.15/0.08A	>0.90	82%	LC14-0700Z-UNV-S

## PRODUCT FEATURES

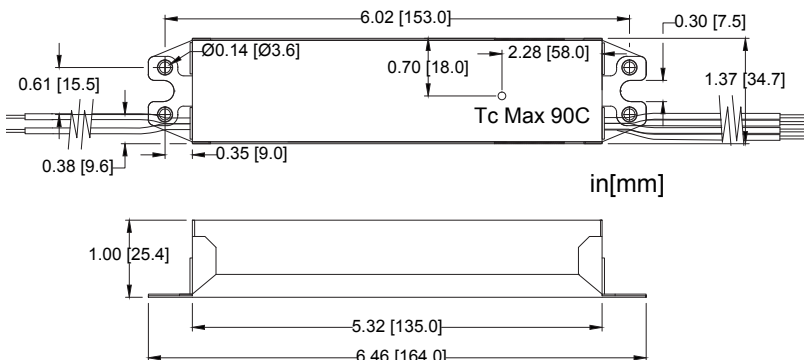
- Short circuit and overload protection
- Suitable for dry and damp locations
- Operating temperature range: -40°C to 90°C (measured at Tcase)
- Surge voltage rating: L-N 2kV, L/N-GND 4kV
- Withstanding Voltage: I/P - O/P 2.8kVDC, 2mA
- Output Current tolerance +/- 5% @ 25°C
- MTBF: 510,000 hrs @ 40°C ambient (-70°C case temp)
- Inrush Current: <7A Max @230VAC, cold start 25°C
- 0-10 V dimming range: 10%-100%

## APPROVALS

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

Type HL

## MECHANICAL SPECIFICATIONS: CASE STYLE S



## DIMENSIONS [IN/MM]

Length:	6.46 [164.0]
Mounting:	6.02 [153.0]
Width:	1.37 [34.7]
Height:	1.00 [25.4]

## WIRING INFORMATION

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

Dimming: 12", Purple (+), Grey (-) #22AWG

## PACKAGING INFORMATION

Weight: 9 oz  
Quantity: 50pc/carton

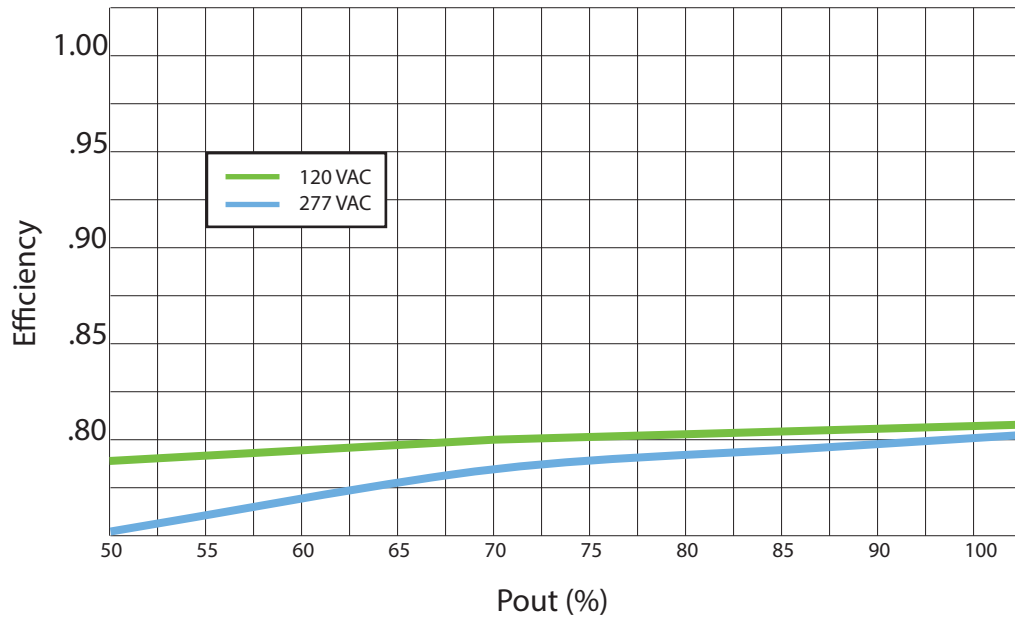
## WARRANTY

- 5 year limited warranty

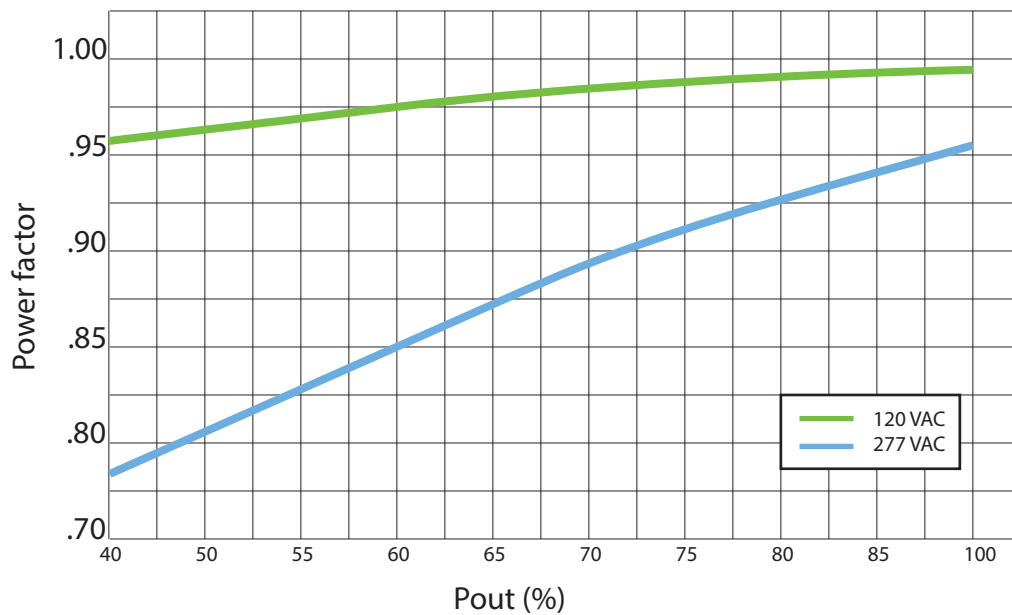
Specifications subject to change without notice.

### PERFORMANCE CURVES

Efficiency vs. Output Power

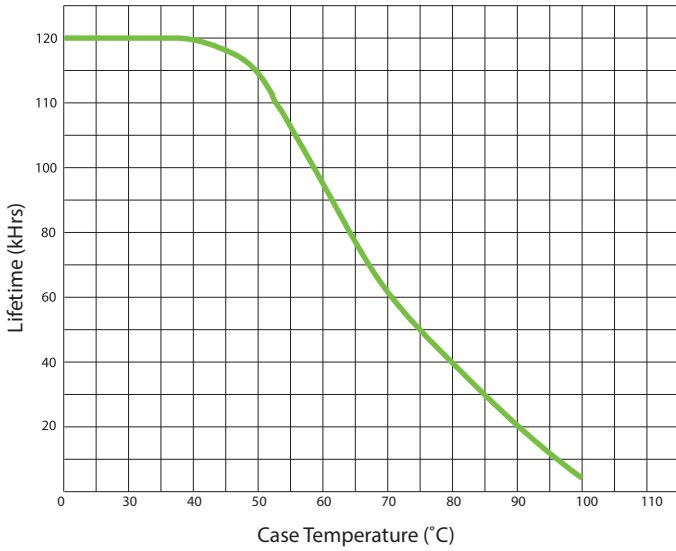


Power Factor vs. Output Power

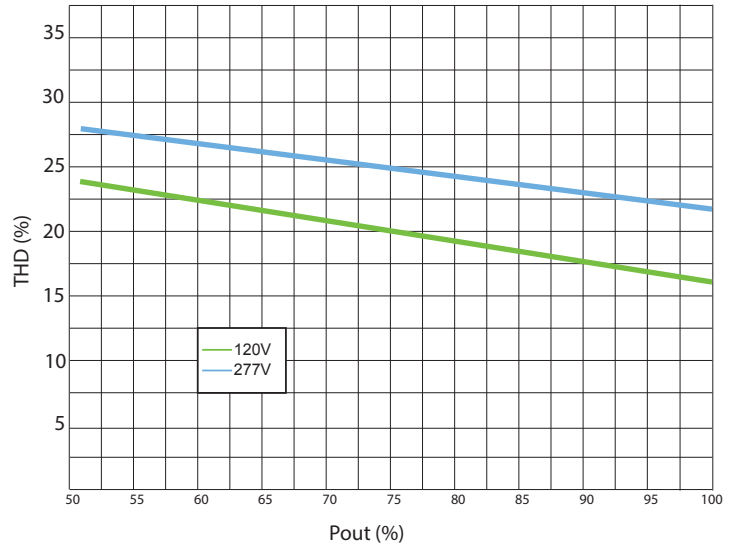


### PERFORMANCE CURVES

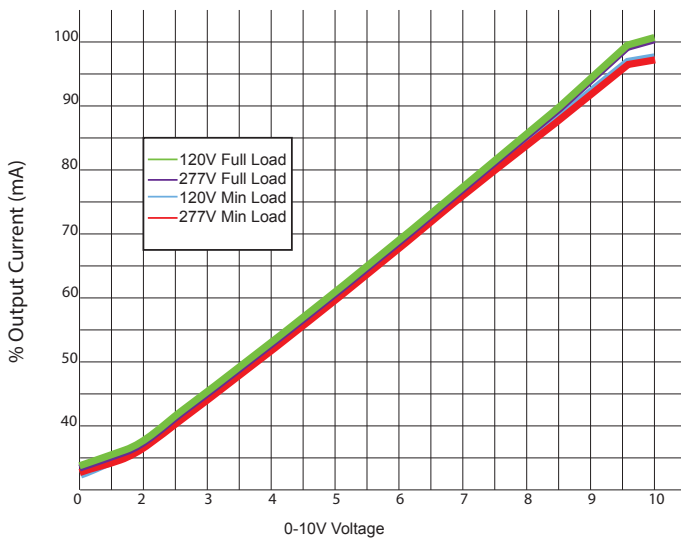
Lifetime vs. Case Temperature



THD vs Output Power



Dimming Curve



Specifications subject to change without notice.