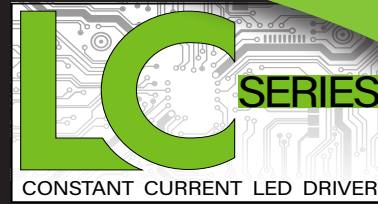


HATCH LED DRIVERS



GENERAL INFORMATION

LED Driver Type	Constant Current (Class 2)
Maximum Wattage	14 Watts
Input Voltage	120-277 VAC $\pm$ 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
0-10V Dimming									
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%

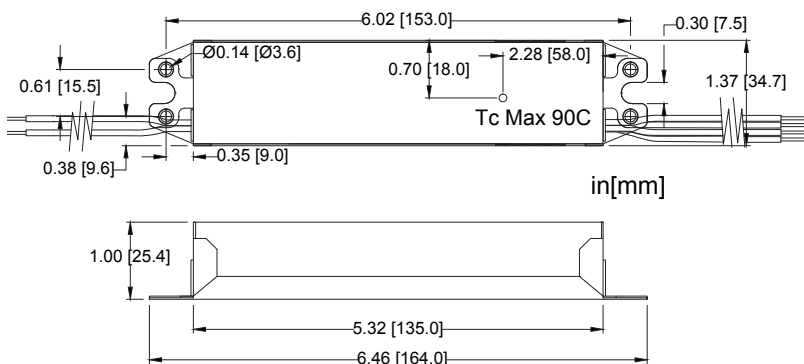
APPROVALS

- 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
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PACKAGING INFORMATION

Weight:	9 oz
Quantity:	50pc/carton

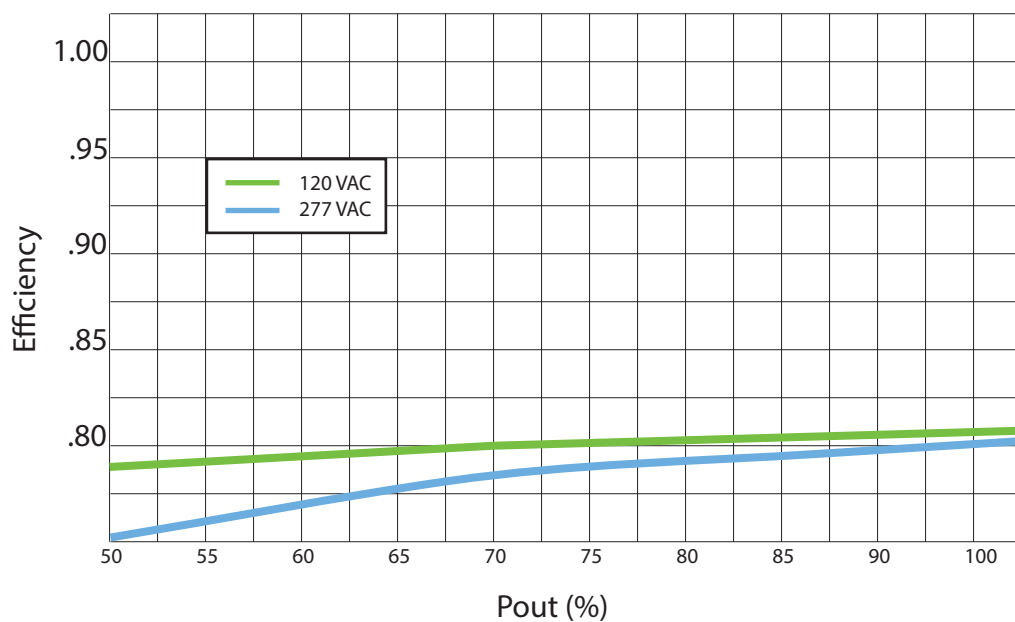
WARRANTY

- 5 year limited warranty

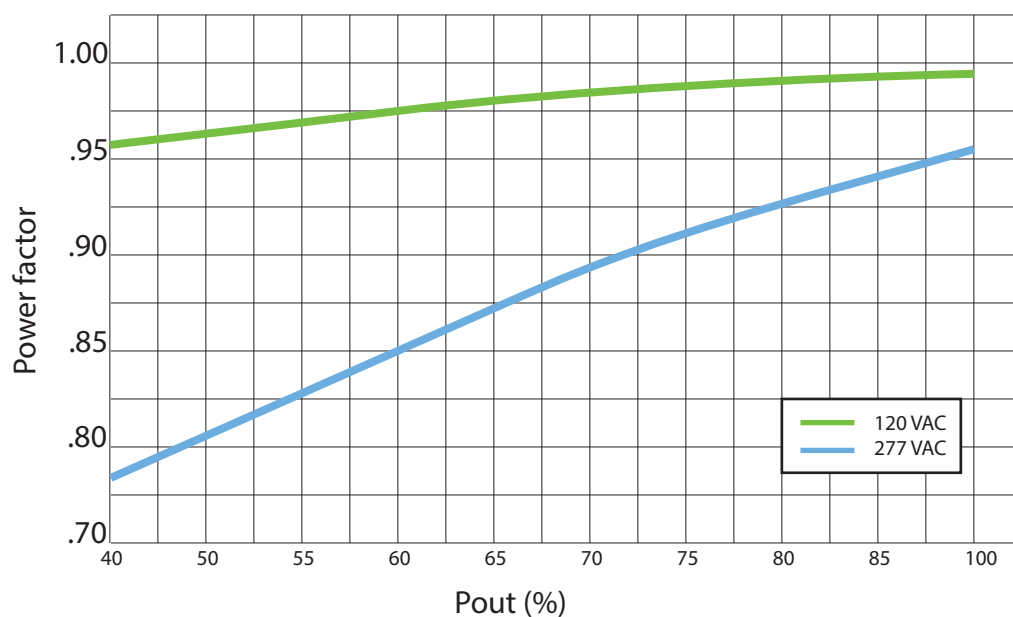
Specifications subject to change without notice.

PERFORMANCE CURVES

Efficiency vs. Output Power

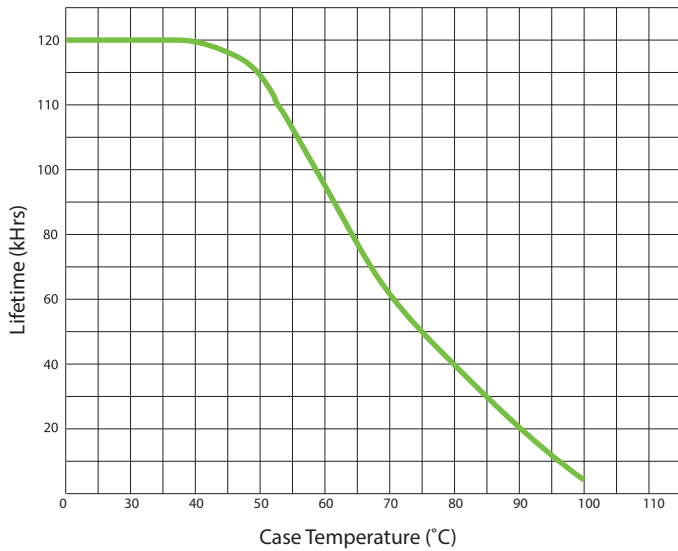


Power Factor vs. Output Power

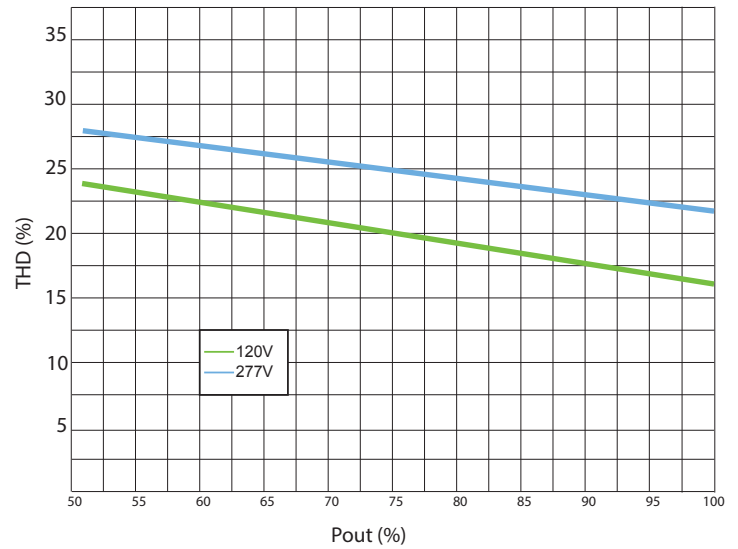


PERFORMANCE CURVES

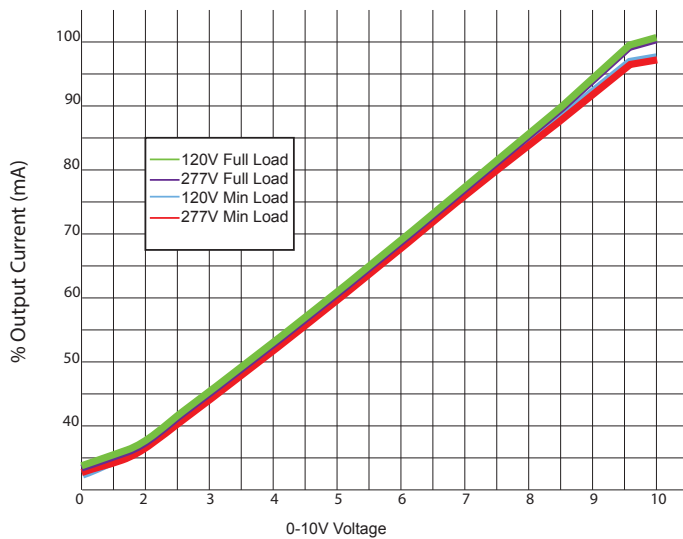
Lifetime vs. Case Temperature



THD vs Output Power



Dimming Curve



Specifications subject to change without notice.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Hatch Lighting:](#)

[LC14-0350Z-UNV-S](#) [LC14-0700Z-UNV-S](#)