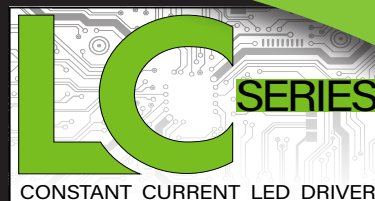


HATCH LED DRIVERS



GENERAL INFORMATION

LED Driver Type	Constant Current (Class 2)
Maximum Wattage	36 Watts
Input Voltage	120 - 277 VAC $\pm$ 10% Universal
Input Frequency	50/60Hz
Total Harmonic Distortion	<20%

CASE STYLE G: METAL



ELECTRICAL SPECIFICATIONS

Watts	Rated Current	Output Voltage	Dimming Type	Input Voltage	Input Power	Input Current	Power Factor	Efficiency	Hatch Part Number
Dimming Models									
36W	*700mA	26 - 52 VDC	0-10V Dimming	120 - 277 VAC	46W	0.33/0.19A	>0.90	80%	*LC36-0700Z-UNV-G
	900mA	18 - 36 VDC	0-10V Dimming	120 - 277 VAC	46W	0.33/0.19A	>0.90	80%	LC36-0900Z-UNV-G
	1050mA	17 - 34 VDC	0-10V Dimming	120 - 277 VAC	46W	0.33/0.19A	>0.90	80%	LC36-1050Z-UNV-G
	1500mA	12 - 24 VDC	0-10V Dimming	120 - 277 VAC	46W	0.33/0.19A	>0.90	80%	LC36-1500Z-UNV-G

*Class 2 US ONLY

PRODUCT FEATURES

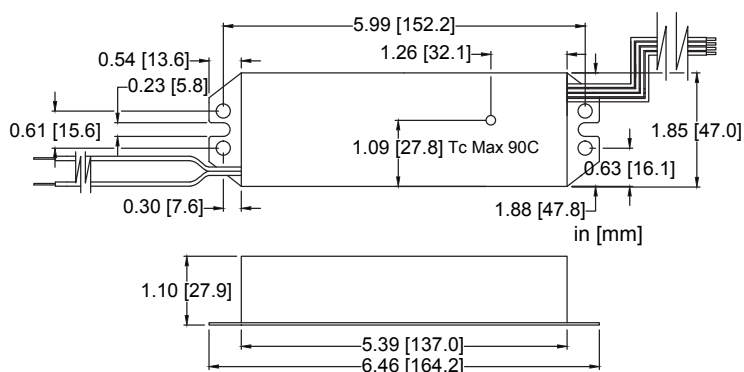
- Short circuit and overload protection
- Over temperature protection
- Suitable for dry and damp locations
- Withstanding voltage: I/P – O/P 2.8kVDC, 2mA
- Operating temperature range: -40°C to 90°C (measured at Tcase)
- MTBF: 384,000 hours @ 40°C ambient (~70°C case temp)
- Surge voltage rating: L-N 2kV, L/N-GND 4kV
- Inrush Current: <10A Max @230VAC, cold start 25°C
- Output Current tolerance +/- 5% @ 25°C
- 0-10V dimming range: 10%-100%

APPROVALS

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



MECHANICAL SPECIFICATIONS: CASE STYLE G



DIMENSIONS [IN/MM]

Length:	6.46 [164.2]
Mounting:	5.99 [152.2]
Width:	1.85 [47.0]
Height:	1.10 [27.9]

WIRING INFORMATION

Input:	12", Black (L), White (N) #18AWG
Output:	12", Red (+), Blue (-) #18AWG #22AWG (with Class 2 Output)
Dimming:	12", Purple (+), Grey (-) #22AWG

PACKAGING INFORMATION

Weight:	13.2oz
Quantity:	40pc/carton

WARRANTY

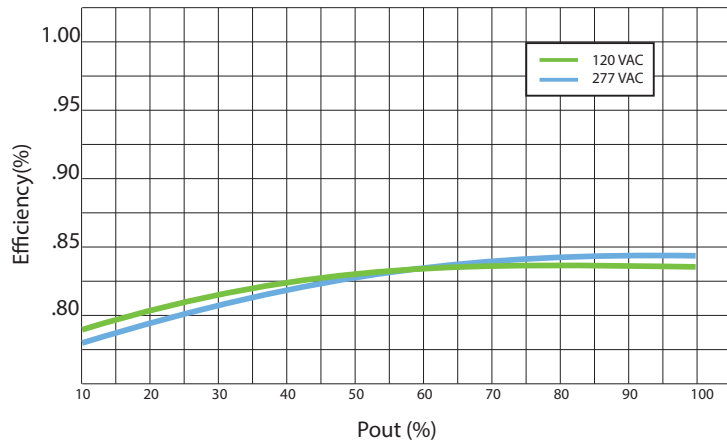
- 5 year limited warranty

*Specifications Subject to Change Without Notice

PERFORMANCE CURVES

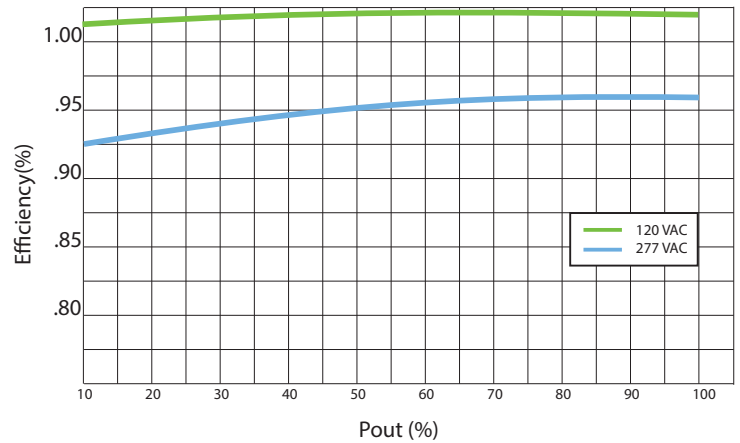
Efficiency VS Output Power

Efficiency vs. Output Power - 0-10V-Dimming



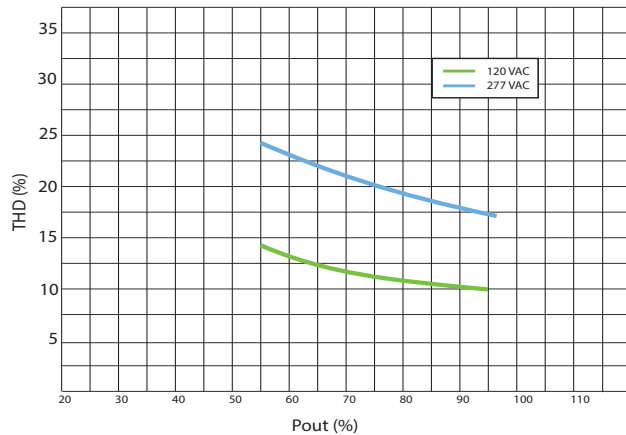
Power Factor VS Output Power

Power Factor vs. Output Power - 0-10V-Dimming



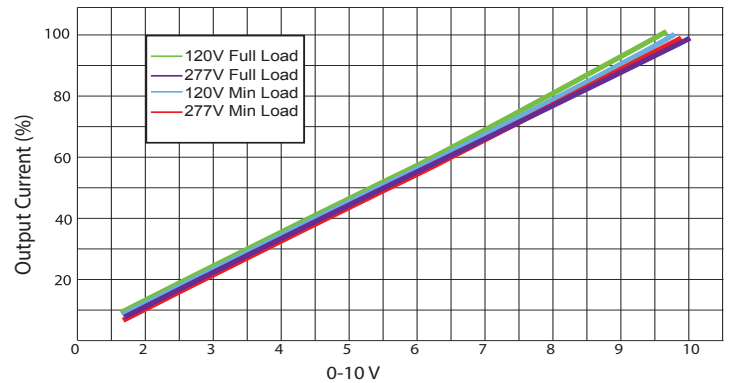
THD VS Output Power

THD vs Output Power - 0-10V-Dimming



Dimming Curves

Dimming Curve - 0-10V Dimming



Output voltage range must be maintained throughout entire dimming range.

Lifetime VS Case Temperature

Lifetime vs. Case Temperature

