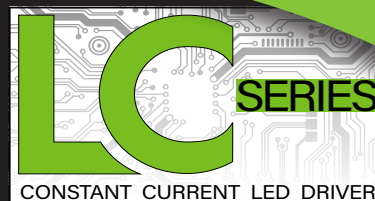


HATCH LED DRIVERS



GENERAL INFORMATION

LED Driver Type	Constant Current (Class 2)
Maximum Wattage	25 Watts
Input Voltage	120 VAC $\pm$ 10% Dedicated 120-277 VAC $\pm$ 10% Universal 347 VAC $\pm$ 10% Dedicated
Input Frequency	50/60Hz
Total Harmonic Distortion	<20%

CASE STYLE P: 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									
25W	700mA	12 - 36 VDC	Non-Dimming	347 VAC	29W	0.10A	>0.90	86%	LC25-0700N-347-P
Dimming Models									
25W	700mA	18 - 36 VDC	Phase Dimming	120 VAC	30W	0.29A	>0.90	82%	LC25-0700P-120-P
	700mA	12 - 36 VDC	0 - 10V Dimming	347 VAC	29W	0.10A	>0.90	86%	LC25-0700Z-347-P

PRODUCT FEATURES

- Short circuit and overload protection
- Over temperature protection on 0-10V dimming models.
- Suitable for dry and damp locations
- Withstanding voltage: I/P – O/P 2.8VDC, 2mA
- Operating temperature range: -40°C to 60°C (measured at Tcase)
- MTBF: 440,000 hours @ 40°C ambient (~70°C case temp)
- Inrush Current: <10A Max @230VAC for Universal input models, cold start 25°C
- Inrush Current: <7A Max @120VAC for 120V input models, cold start 25°C
- Inrush current: <7A Max @ 347VAC for 347V input models, cold start 25°C
- Output Current tolerance +/- 5% @ 25°C

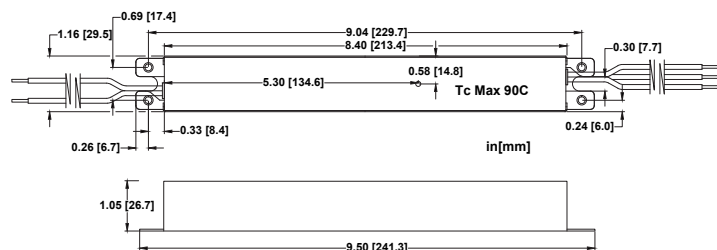
APPROVALS

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



TYPE
HL

MECHANICAL SPECIFICATIONS: CASE STYLE P



DIMENSIONS [IN/MM]

Length:	9.50 [241.3]
Mounting:	9.04 [229.7]
Width:	1.16 [29.5]
Height:	1.05 [26.7]

WIRING INFORMATION

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

PACKAGING INFORMATION

Weight:	13oz
Quantity:	50pc/carton

WARRANTY

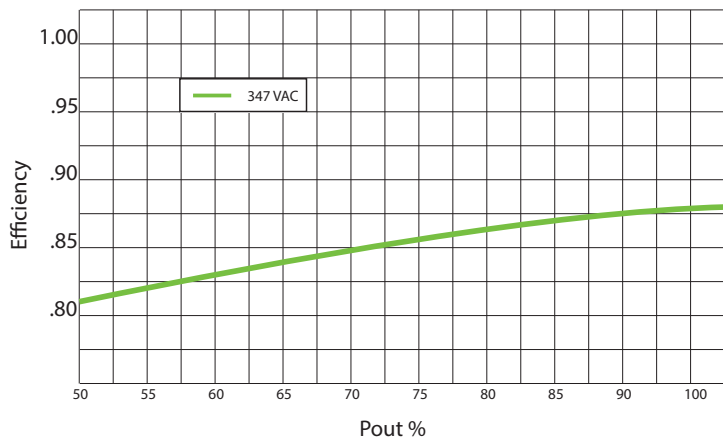
- 5 year limited warranty

Specifications subject to change without notice.

PERFORMANCE CURVES

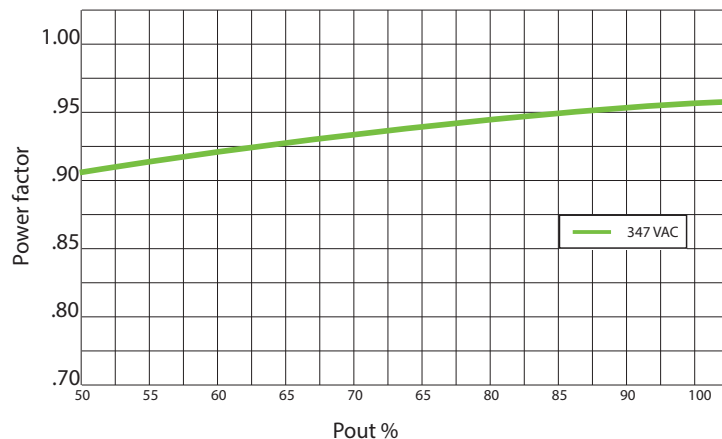
Efficiency VS Output Power

Efficiency vs. Output Power - 0-10V Dimming

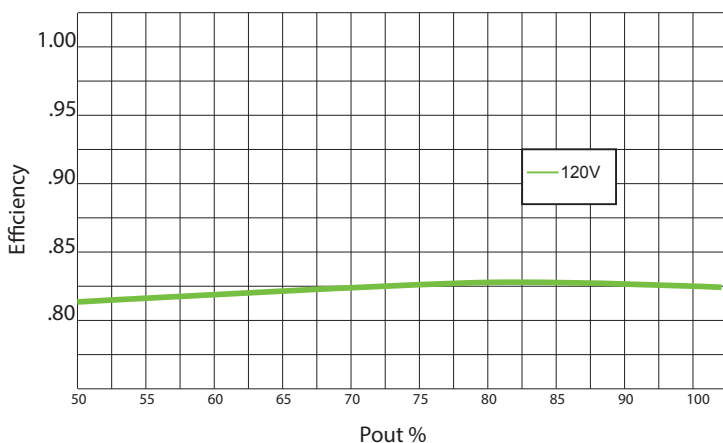


Power Factor VS Output Power

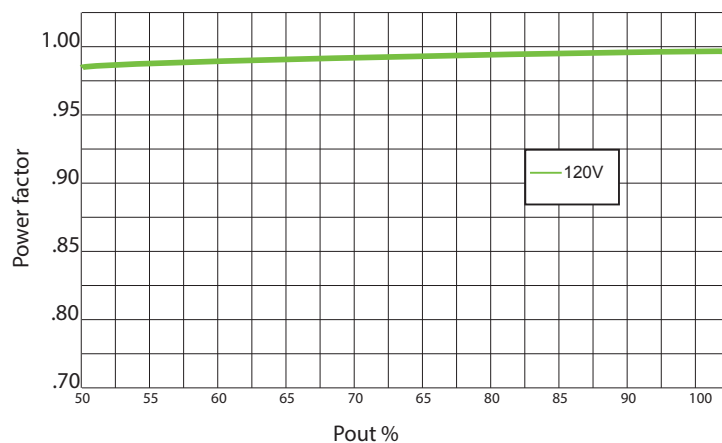
Power Factor vs. Output Power - 0-10V Dimming



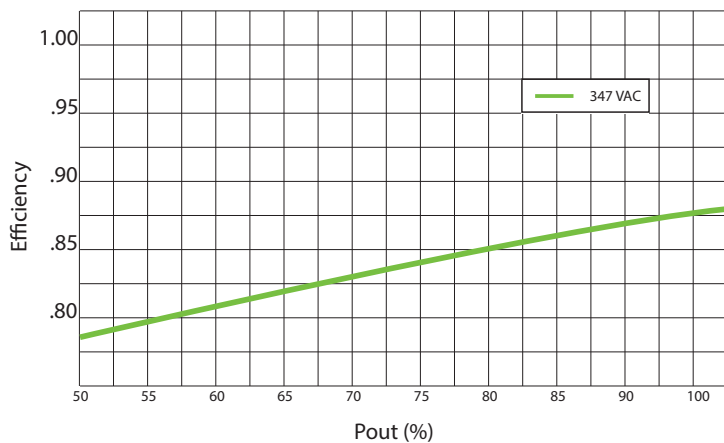
Efficiency vs. Output Power - Phase Dimming



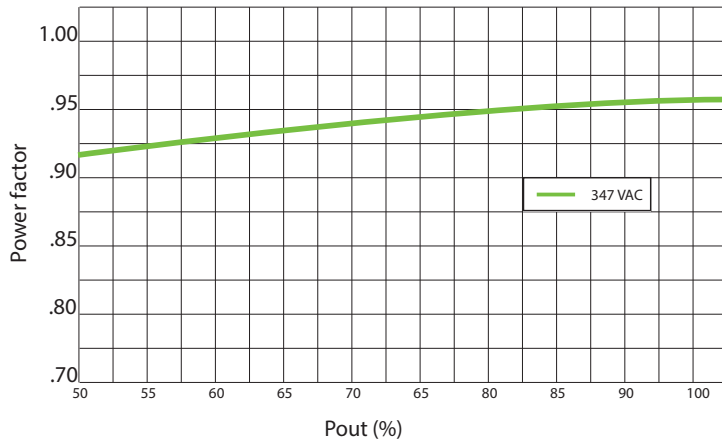
Power Factor vs. Output Power - Phase Dimming



Efficiency vs. Output Power - Non-Dimming



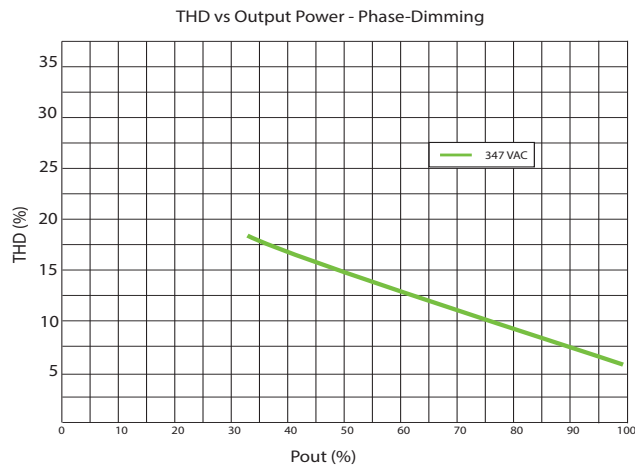
Power Factor vs. Output Power - Non-Dimming



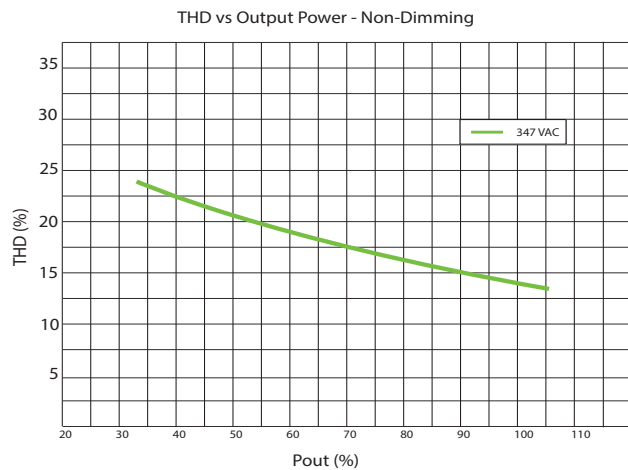
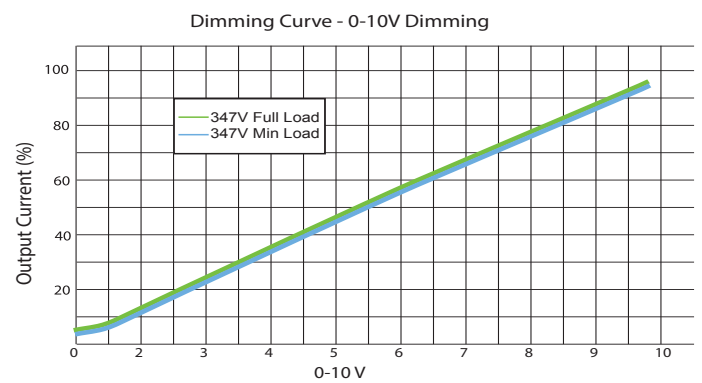
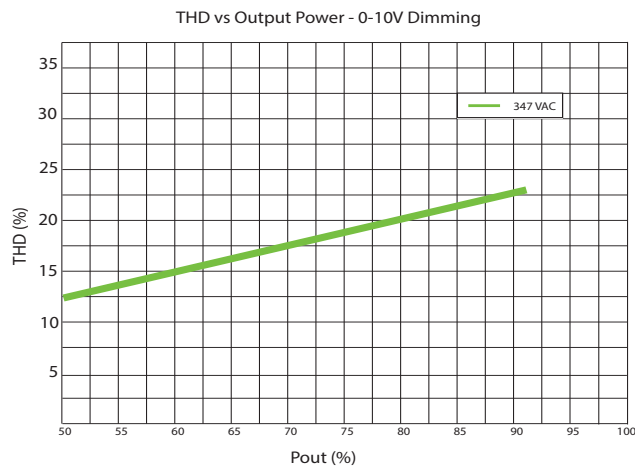
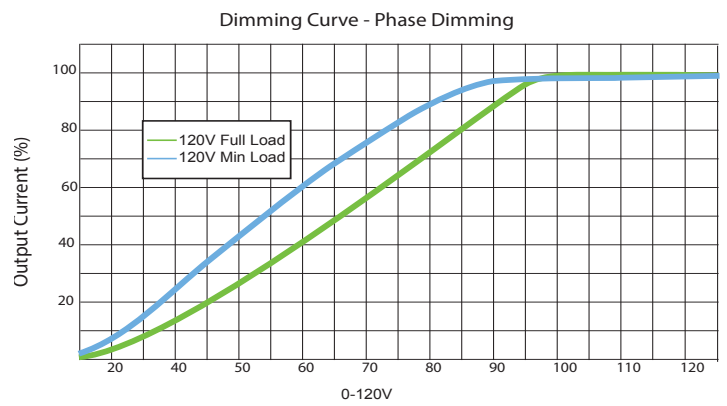
Specifications subject to change without notice.

PERFORMANCE CURVES

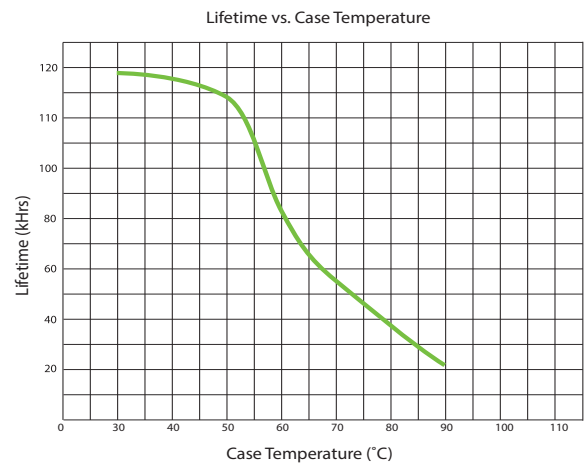
THD VS Output Power



Dimming Curves



Lifetime VS Case Temperature



Specifications subject to change without notice.

Mouser Electronics

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