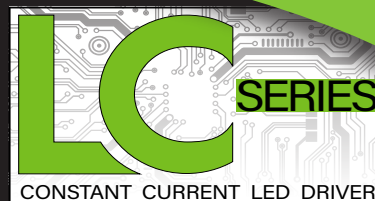


HATCH LED DRIVERS



GENERAL INFORMATION

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

CASE STYLE C: POLYCARBONATE



ELECTRICAL SPECIFICATIONS

Watts	Rated Current	Output Voltage	Dimming Type	Input Voltage	Input Power	Input Current	Power Factor	Efficiency	Hatch Part Number
14W	Non-Dimming								
	350mA	15-40 VDC	Non-Dimming	120-277 VAC	17W	0.17/0.08A	>0.90	80%	LC14-0350N-UNV-C ‡
	700mA	10-20 VDC	Non-Dimming	120-277 VAC	17W	0.17/0.08A	>0.90	80%	LC14-0700N-UNV-C ‡
	Phase Dimming								
	260mA	18-54 VDC	Phase Dimming	120 VAC	17W	0.17A	>0.90	79%	LC14-0260P-120-C *
	350mA	10-40 VDC	Phase Dimming	120 VAC	17W	0.17A	>0.90	79%	LC14-0350P-120-C
	500mA	10-28 VDC	Phase Dimming	120 VAC	17W	0.17A	>0.90	79%	LC14-0500P-120-C
	700mA	8-20 VDC	Phase Dimming	120 VAC	17W	0.17A	>0.90	79%	LC14-0700P-120-C
	0-10 Dimming								
	350mA	20-40V	0-10V Dimming	120-277 VAC	17W	0.17/0.08A	>0.90	76%	LC14-0350Z-UNV-C ‡
	500mA	14-28V	0-10V Dimming	120-277 VAC	17W	0.17/0.08A	>0.90	76%	LC14-0500Z-UNV-C ‡
	700mA	12-20V	0-10V Dimming	120-277 VAC	17W	0.17/0.08A	>0.90	76%	LC14-0700Z-UNV-C ‡

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
- Withstanding Voltage: I/P - O/P 2.8kVDC, 2mA
- Output Current tolerance +/- 5% @ 25°C
- MTBF: 570,000 hrs @ 40°C ambient (-70°C case temp)
- Inrush Current: <7A Max @230VAC for universal models and <20A Max @120VAC for 120V models, cold start 25°C

APPROVALS

* Class 2 US ONLY ‡ Class P

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

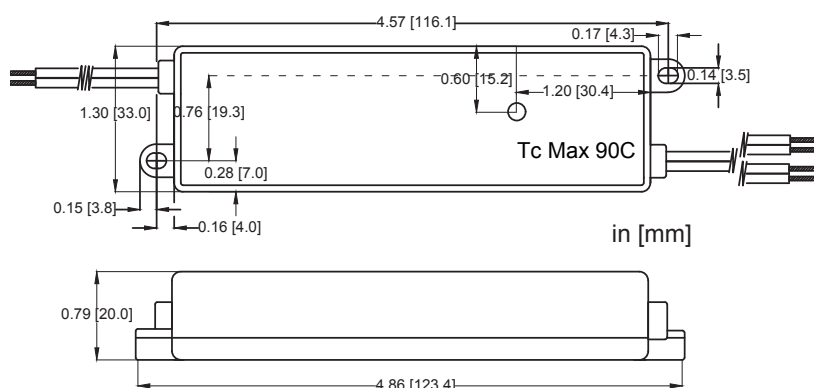


Type
HL



LISTED
Class P

MECHANICAL SPECIFICATIONS: CASE STYLE C



DIMENSIONS [IN/MM]

Length:	4.86 [123.4]
Mounting:	4.57 [116.1]
Width:	1.30 [33.0]
Height:	0.79 [20.0]

WIRING INFORMATION

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

PACKAGING INFORMATION

Weight:	4.1oz
Quantity:	40pc/carton

WARRANTY

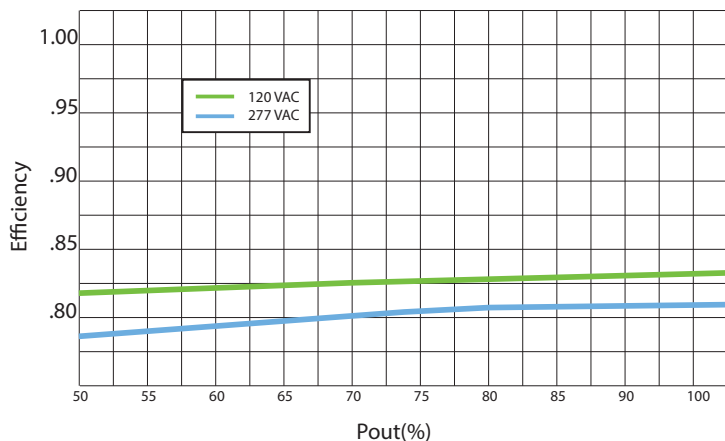
- 5 year limited warranty

Specifications subject to change without notice.

PERFORMANCE CURVES

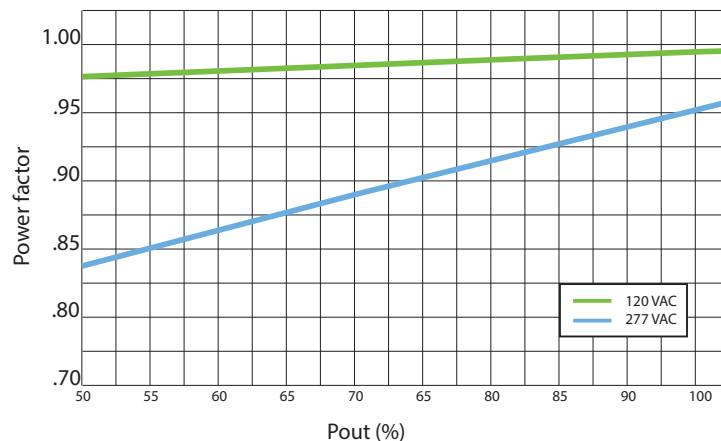
Efficiency VS Output Power

Efficiency vs. Output Power - Non-Dimming

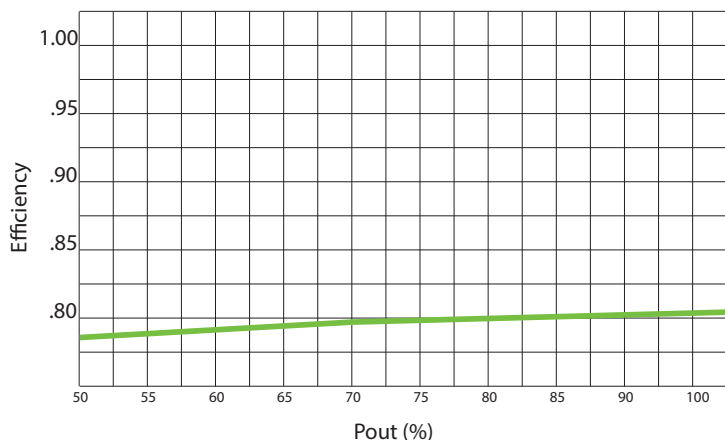


Power Factor VS Output Power

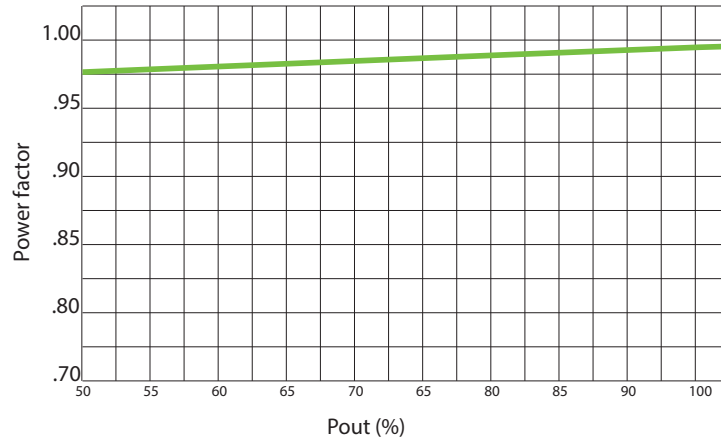
Power Factor vs. Output Power - Non-Dimming



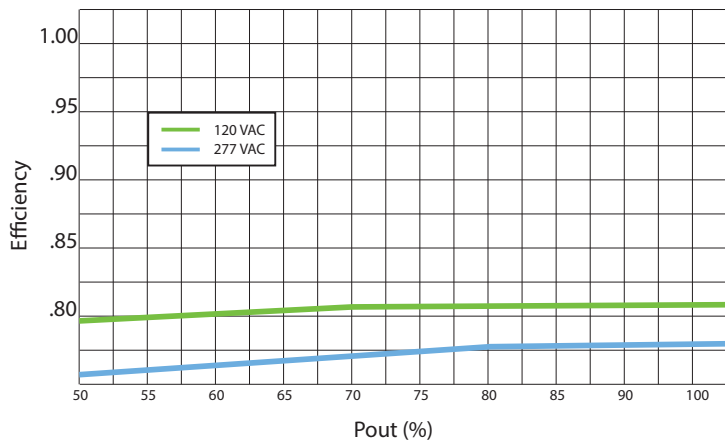
Efficiency vs. Output Power - Phase Dimming



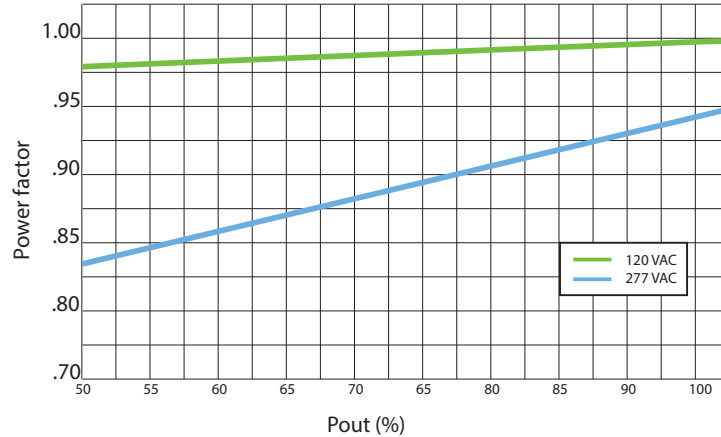
Power Factor vs. Output Power - Phase Dimming



Efficiency vs. Output Power - 0-10V Dimming



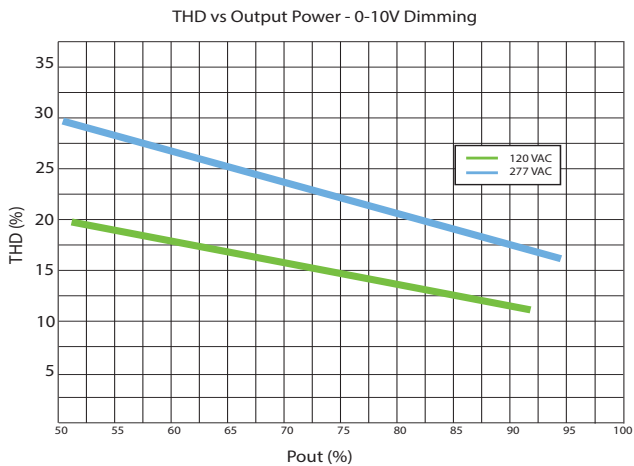
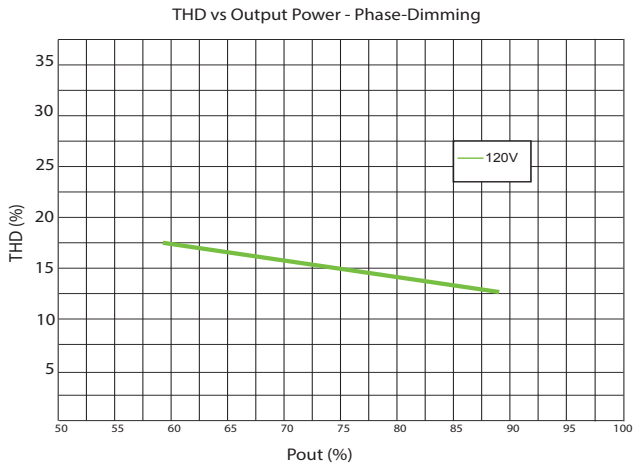
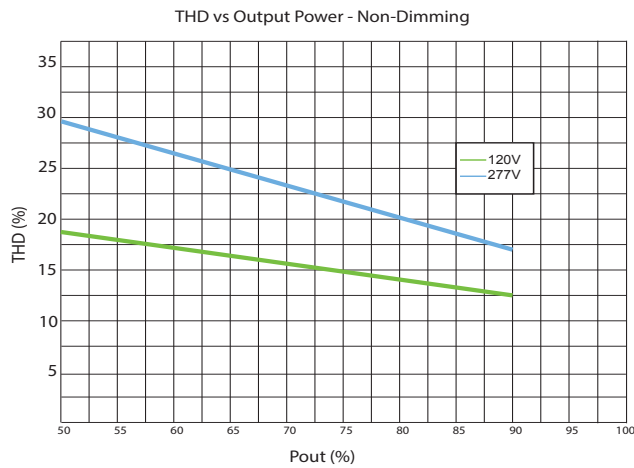
Power Factor vs. Output Power - 0-10 Dimming



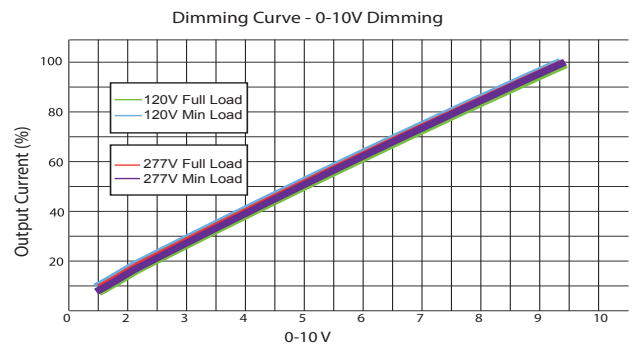
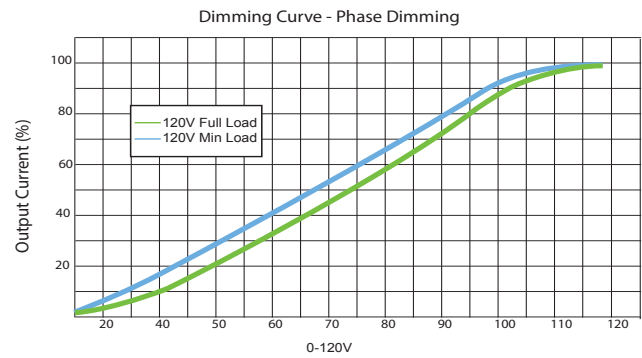
Specifications subject to change without notice.

PERFORMANCE CURVES

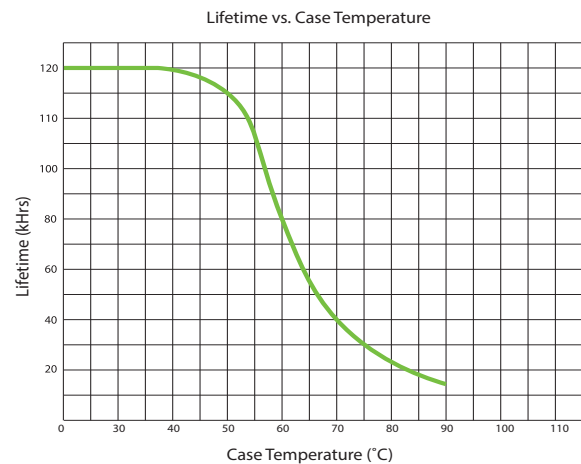
THD vs Output Power



Dimming Curves



Lifetime VS Case Temperature



Specifications subject to change without notice.

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Hatch Lighting:

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