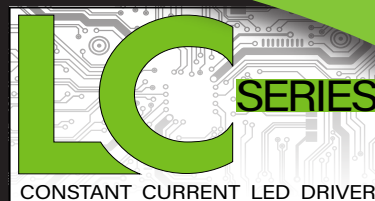


HATCH LED DRIVERS



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



FOR FUTURE RELEASE

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	10-20V	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

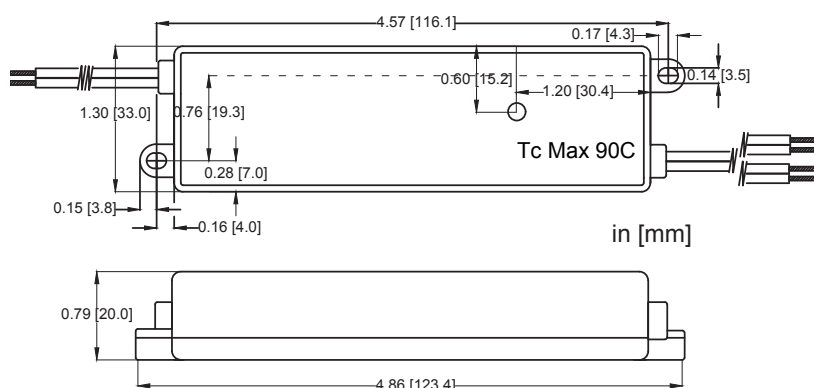


Type
HL



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

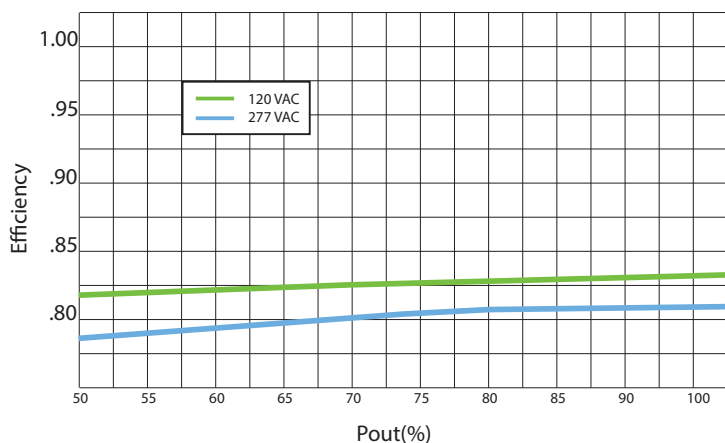
- 5 year limited warranty

Specifications subject to change without notice.

PERFORMANCE CURVES

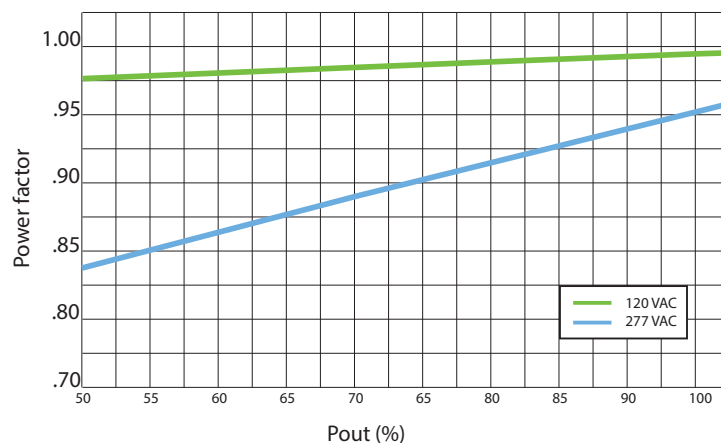
Efficiency VS Output Power

Efficiency vs. Output Power - Non-Dimming

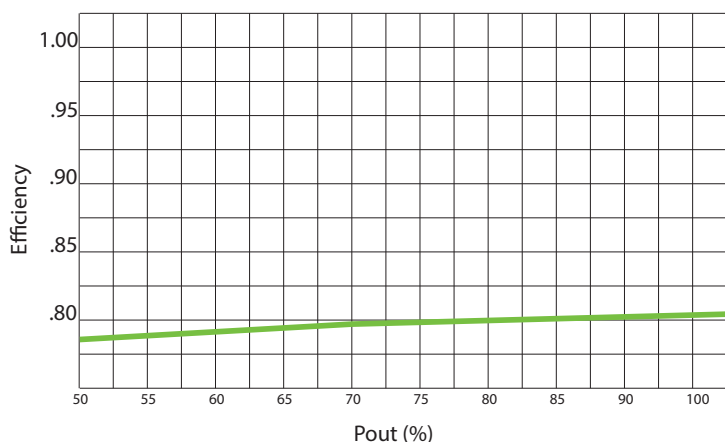


Power Factor VS Output Power

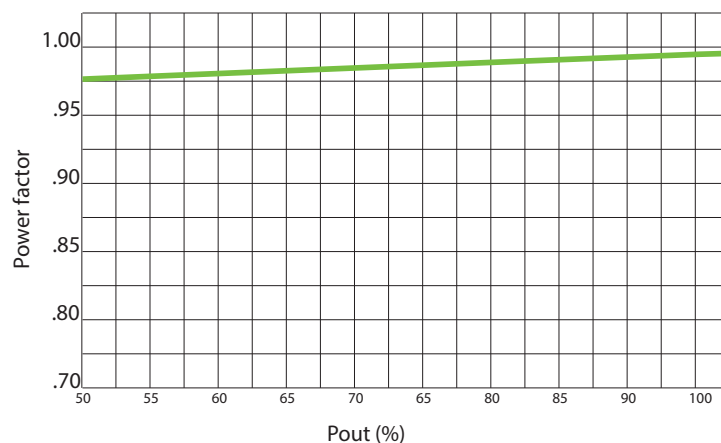
Power Factor vs. Output Power - Non-Dimming



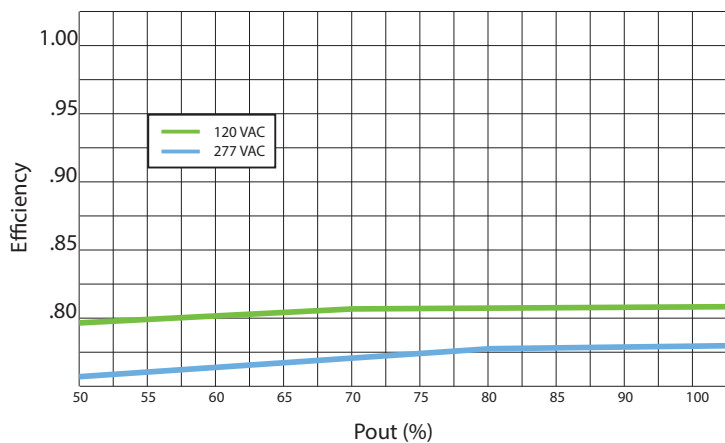
Efficiency vs. Output Power - Phase Dimming



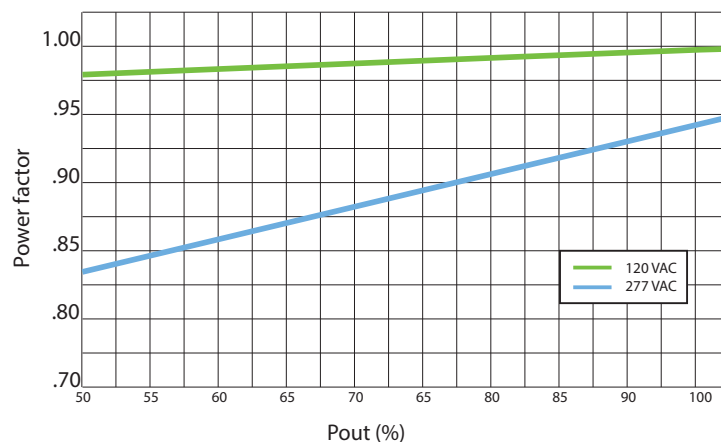
Power Factor vs. Output Power - Phase Dimming



Efficiency vs. Output Power - 0-10V Dimming



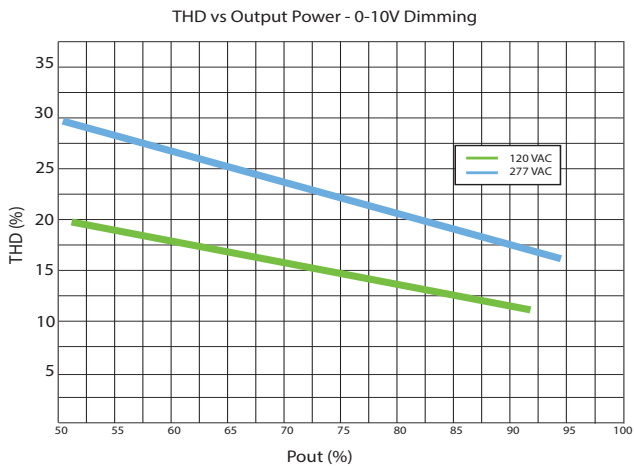
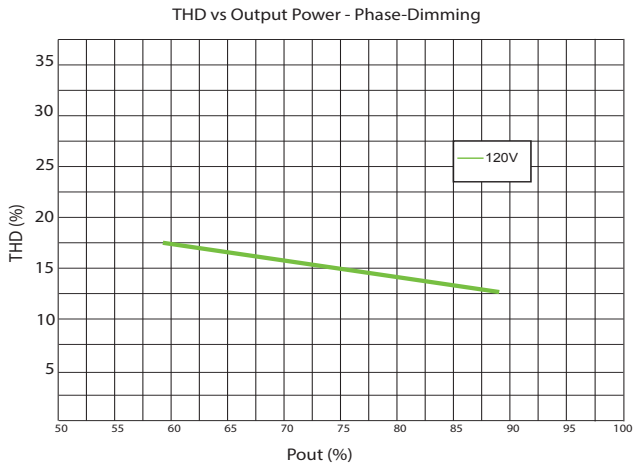
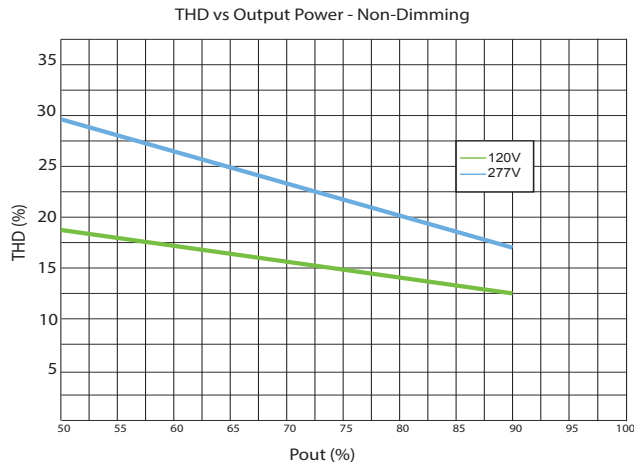
Power Factor vs. Output Power - 0-10 Dimming



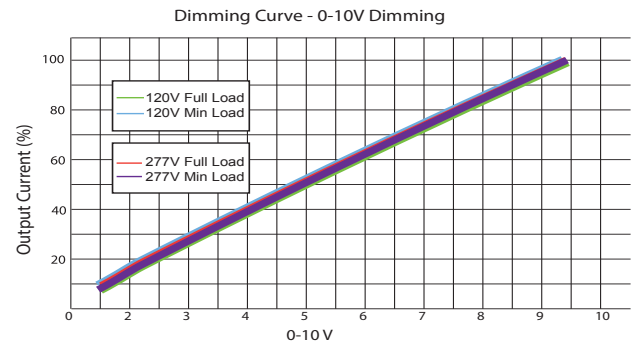
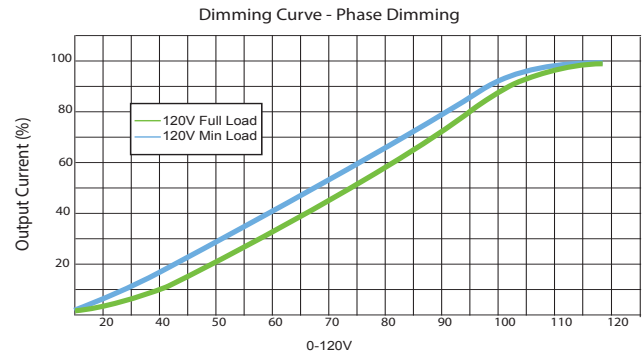
Specifications subject to change without notice.

PERFORMANCE CURVES

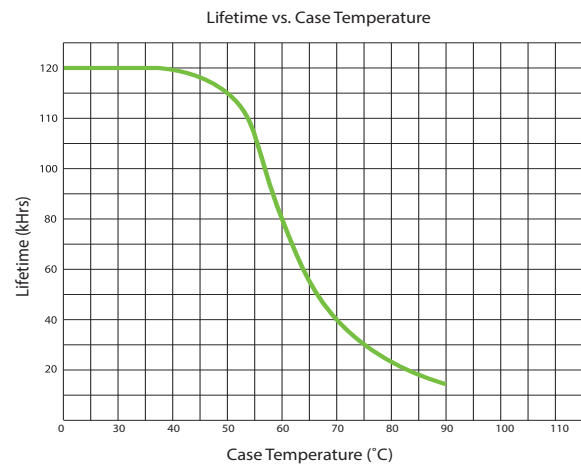
THD vs Output Power



Dimming Curves



Lifetime VS Case Temperature



Specifications subject to change without notice.

Mouser Electronics

Authorized Distributor

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

Hatch Lighting:

[LC14-0260P-120-C](#) [LC14-0350P-120-C](#) [LC14-0500P-120-C](#) [LC14-0700P-120-C](#) [LC14-0350N-UNV-C](#) [LC14-0700N-UNV-C](#)