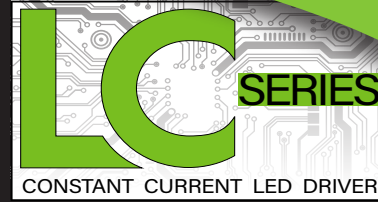


HATCH LED DRIVERS



GENERAL INFORMATION

LED Driver Type	Constant Current (Class 2)
Maximum Wattage	14 Watts
Input Voltage	120 VAC ± 10% Dedicated 120-277 VAC ± 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

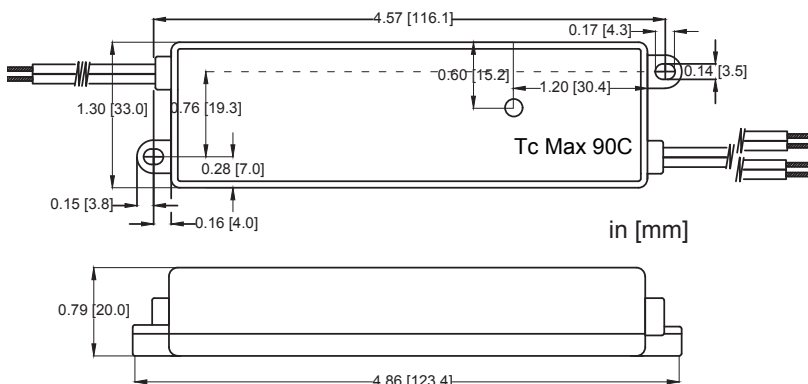


Type
HL



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

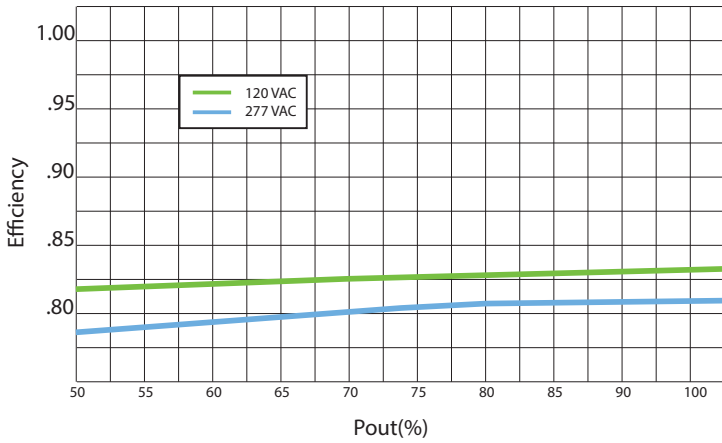
- 5 year limited warranty

Specifications subject to change without notice.

PERFORMANCE CURVES

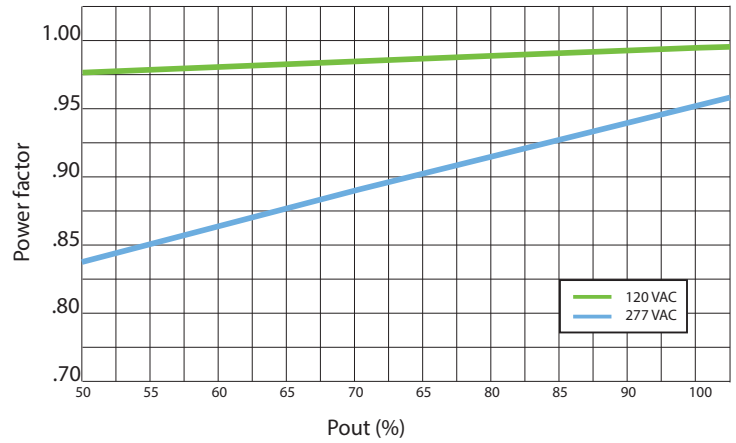
Efficiency VS Output Power

Efficiency vs. Output Power - Non-Dimming

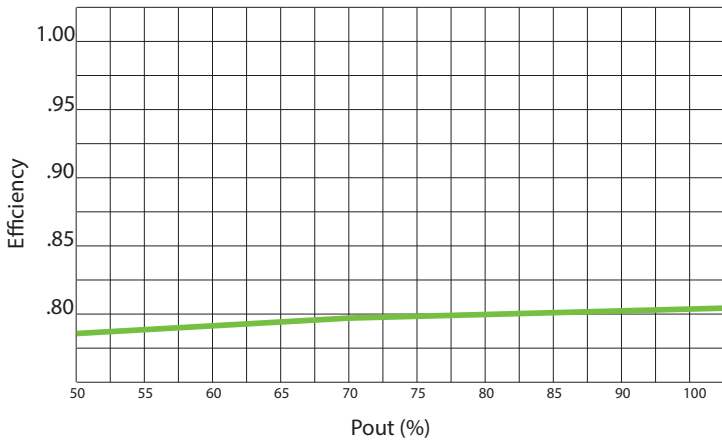


Power Factor VS Output Power

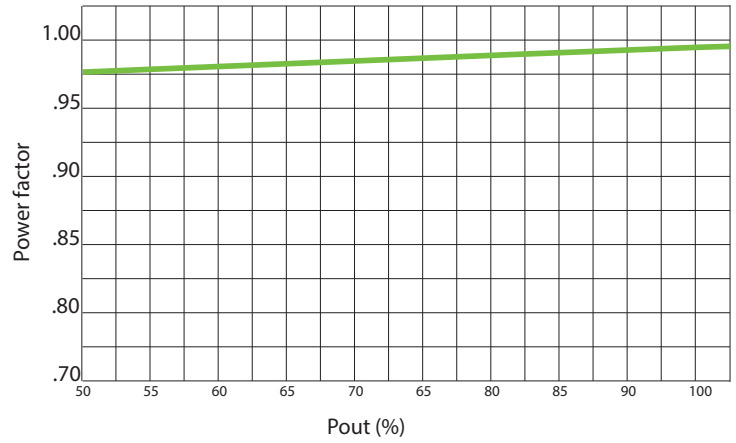
Power Factor vs. Output Power - Non-Dimming



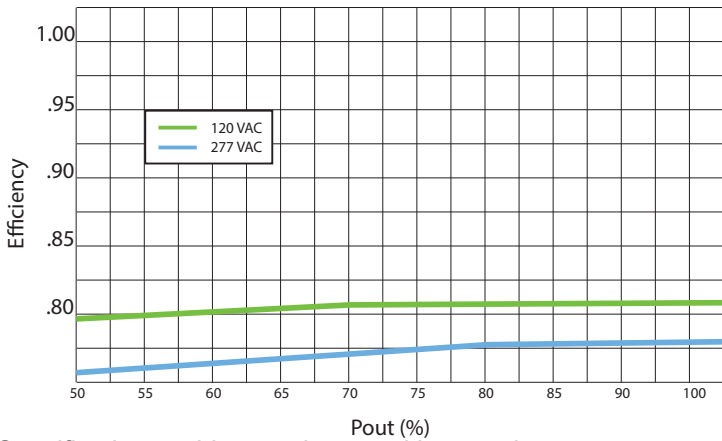
Efficiency vs. Output Power - Phase Dimming



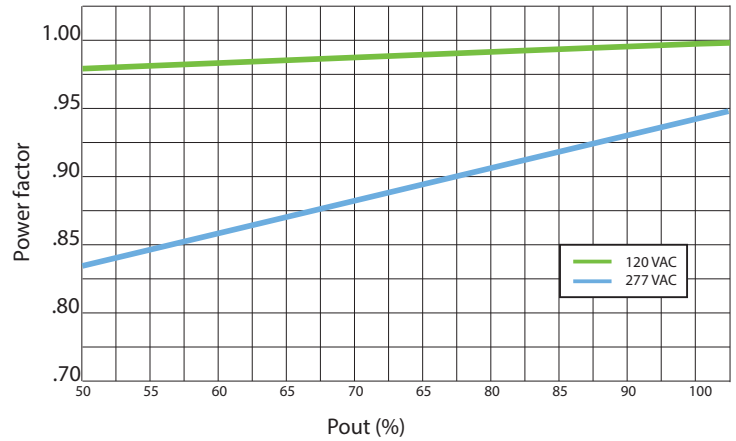
Power Factor vs. Output Power - Phase Dimming



Efficiency vs. Output Power - 0-10V Dimming



Power Factor vs. Output Power - 0-10 Dimming

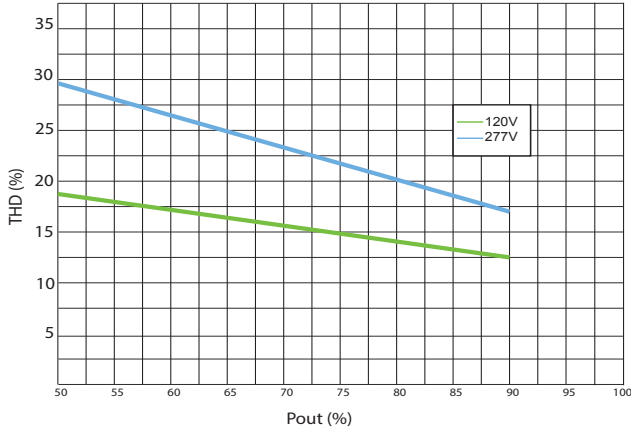


Specifications subject to change without notice.

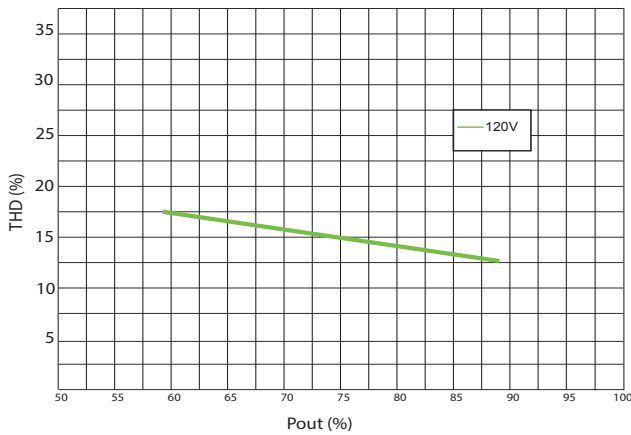
PERFORMANCE CURVES

THD vs Output Power

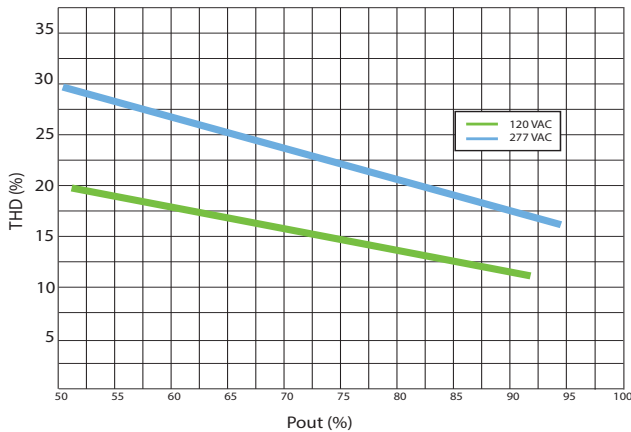
THD vs Output Power - Non-Dimming



THD vs Output Power - Phase-Dimming

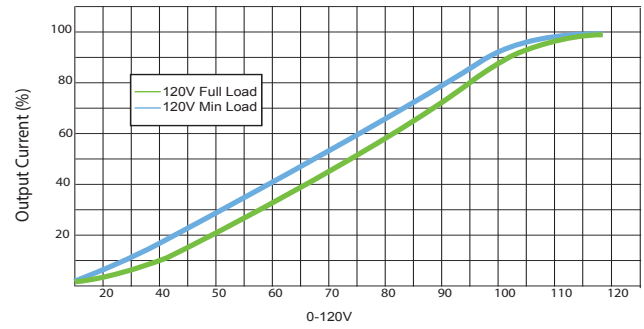


THD vs Output Power - 0-10V Dimming

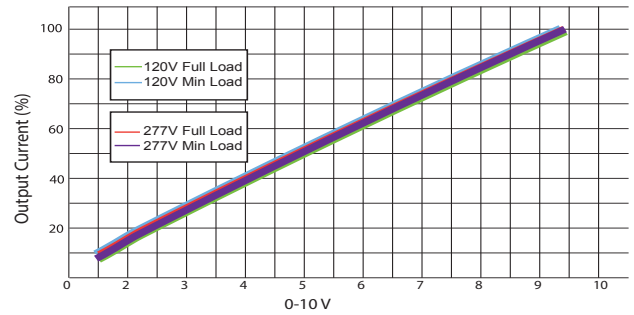


Dimming Curves

Dimming Curve - Phase Dimming

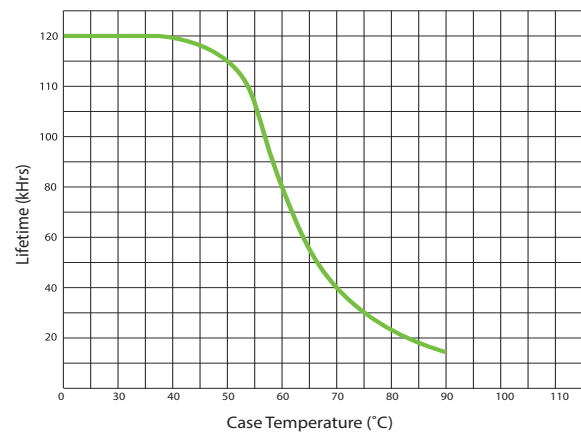


Dimming Curve - 0-10V Dimming



Lifetime VS Case Temperature

Lifetime vs. Case Temperature



Specifications subject to change without notice.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [LED Power Supplies](#) category:

Click to view products by [Hatch Lighting](#) manufacturer:

Other Similar products are found below :

[ESS015W-1000-12](#) [PDA-WIFI](#) [PIFC-K250F](#) [PITB-K222A](#) [ALD-514012PJ134](#) [LB240S24KH](#) [LMH020-SPLC-0000-0000001](#) [LMD600-0100-C1A7-7030000](#) [79534](#) [79535](#) [EUG-200S210DT](#) [ESS030W-1050-21](#) [ESS030W-0900-32](#) [BPOXL 4-12-035](#) [ESS010W-0350-24](#) [ESS010W-0200-42](#) [ESM060W-1400-42](#) [PDA080B-1A0G](#) [PDA150B-S1A5G](#) [SLM140W-1.05-130-ZA](#) [ESS015W-0700-18](#) [EUD-150S350DVA](#) [LWA320-C420-ARK-B](#) [HVG-240-48AB](#) [HVG-320-36AB](#) [HVG-320-54AB](#) [ELG-240-C1400AB](#) [EUK-150S105DV](#) [BXCS-12Z-N2P-B1-A](#) [BXPR-WN-01-A](#) [LN1224CV](#) [BXCS-12D-N2P-01-A](#) [BXCS-12W-N2P-01-A](#) [HBG-160-24AB](#) [980100001200394](#) [980060001200376](#) [LC 14W 250-350MA FLEXC R ADV2](#) [LC 24W 500-600MA FLEXC R ADV2](#) [LC 36W 850-900MA FLEXC R ADV2](#) [LC 18W 24V ONE4ALL SC PRE](#) [LC 50W 200-350ML 170V FLEXC LP SNC4](#) [LC 25W 200-350ML 70V FLEXC LP SNC4](#) [LC 35W 200-350ML 121V FLEXC LP SNC4](#) [LCBI 10W 350MA PHASE-CUT/1-10V LP](#) [LC 13W 300MA FIXC C SNC](#) [LC 10W 250MA FIXC SC SNC2](#) [LC 35W 800MA FIXC SR ADV2](#) [LC 38W 900MA FIXC SR ADV2](#) [LC 34W 800MA FIXC SC ADV2](#) [LC 44W 1050MA FIXC SC ADV2](#)