HATCH LED DRIVERS

LC SERIES
CONSTANT CURRENT LED DRIVER

GENERAL INFORMATION

LED Driver Type	Constant Current (Class 2)
Maximum Wattage	22 Watts
Input Voltage	120-277 VAC ± 10% Universal
Input Frequency	50/60Hz
Total Harmonic Distortion	<20%

CASE STYLE S: METAL

ELECTRICAL SPECIFICATIONS

Watts	Rated Current	Output Voltage	Dimming Type	Input Voltage	Input Power	Input Current	Power Factor	Efficiency	Hatch Part Number
Dimming Models									
22W	** 350mA	32 - 63 VDC	0-10V Dimming	120 - 277 VAC	27W	0.25/0.12A	>0.90	83%	LC22-0350Z-UNV-S
	* 500mA	22 - 44 VDC	0-10V Dimming	120 - 277 VAC	27W	0.25/0.12A	>0.90	83%	LC22-0500Z-UNV-S
	700mA	16 - 32 VDC	0-10V Dimming	120 - 277 VAC	27W	0.25/0.12A	>0.90	82%	LC22-0700Z-UNV-S
	1050mA	12 - 21 VDC	0-10V Dimming	120 - 277 VAC	27W	0.25/0.12A	>0.90	82%	LC22-1050Z-UNV-S

** Non-Class 2 *Class 2 US ONLY

PRODUCT FEATURES

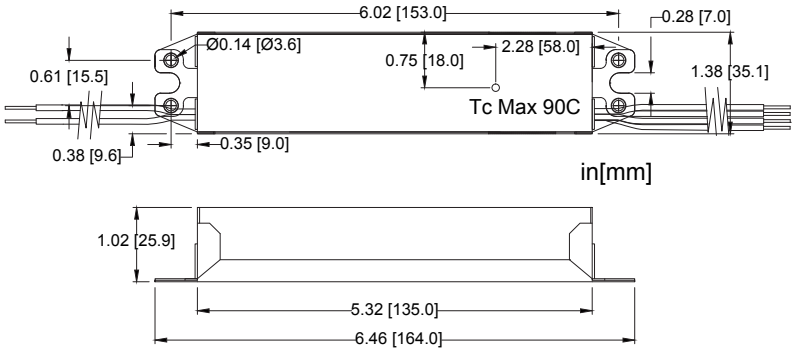
- Short circuit and overload protection
- Over temperature protection
- Suitable for dry and wet locations
- Withstanding voltage: I/P – O/P 2.8kVDC, 2mA
- Operating temperature range: -40°C to 90°C (measured at Tcase)
- Surge voltage rating: L-N 2kV
- Inrush Current: <7A Max @230VAC, cold start 25°C
- Output Current tolerance +/- 5% @ 25°C
- 0-10V dimming range: 10%-100%
- MTBF: 510,000 hrs @40°C ambient 70°C

APPROVALS

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

RoHS COMPLIANT
c UL us LISTED Class P
TYPE HL

MECHANICAL SPECIFICATIONS: CASE STYLE S



DIMENSIONS [IN/MM]

Length:	6.46 [164.0]
Mounting:	6.00 [153.0]
Width:	1.38 [35.1]
Height:	1.00 [25.9]

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:	9 oz
Quantity:	50pc/carton

WARRANTY

- 5 year limited warranty

Specifications subject to change without notice.

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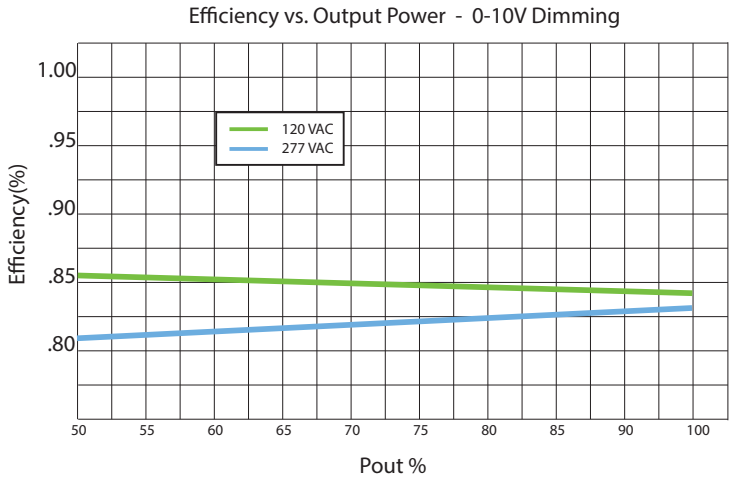
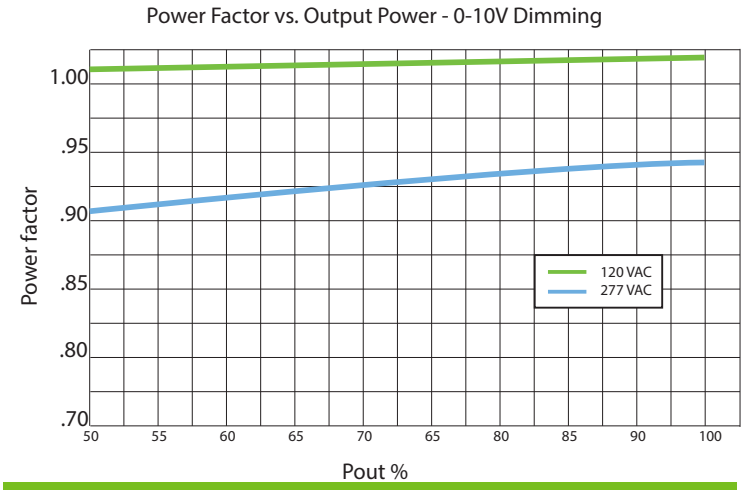
PERFORMANCE CURVES

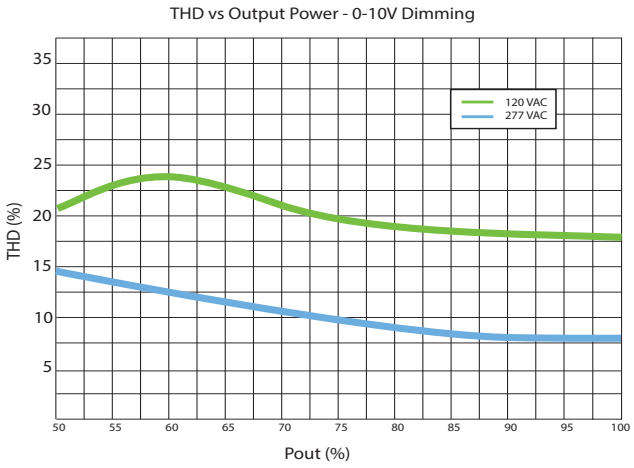
Efficiency VS Output Power



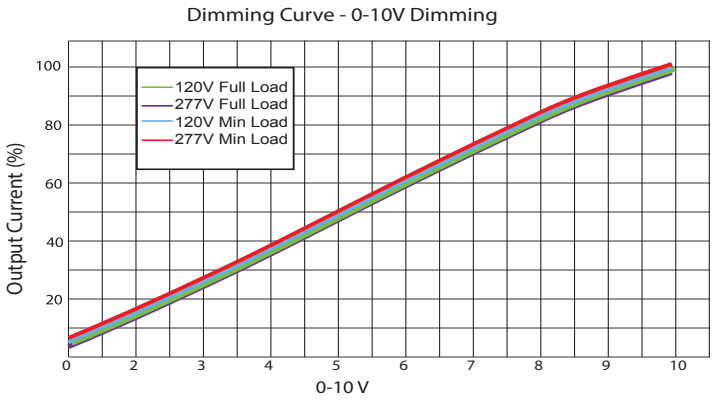
Power Factor VS Output Power



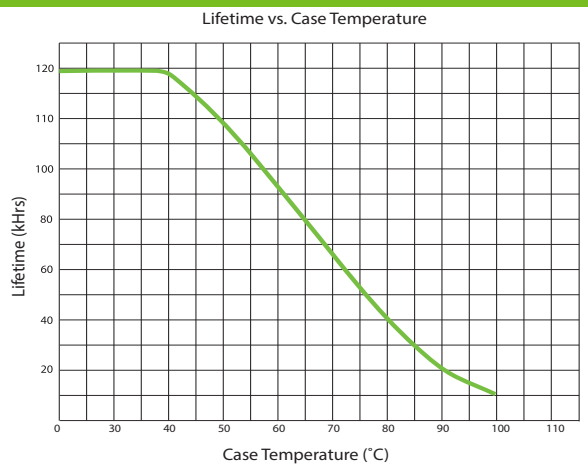
THD VS Output Power



Dimming Curves



Lifetime VS Case Temperature



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