

GENERAL INFORMATION

LED Driver Type	Constant Voltage (Class 2)
Maximum Wattage	80 Watts
Input Voltage	120 VAC ± 10% Dedicated 120 - 277 VAC ± 10% Universal
Input Frequency	50/60Hz
Total Harmonic Distortion	<20%

CASE STYLE I: METAL



ELECTRICAL SPECIFICATIONS

Watts	Output Voltage	Max Output Current	Input Voltage	Input Power	Input Current 120/277V	Power Factor	Efficiency	Hatch Part Number
80W	12 VDC	6.60A	120 - 277 VAC	93W	0.86/0.40A	>0.90	86%	*LV80-12N-UNV-I
	24 VDC	3.30A	120 - 277 VAC	93W	0.86/0.40A	>0.90	86%	LV80-24N-UNV-I
	24 VDC	3.30A	120 VAC	92W	0.79A	>0.90	87%	LV80-24N-120-I [§]

*Non Class 2

PRODUCT FEATURES

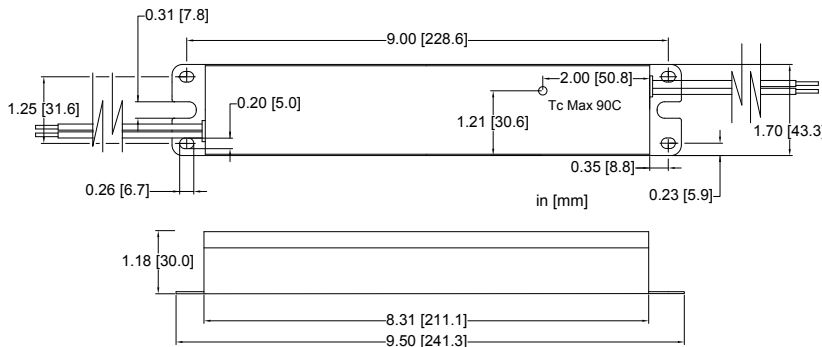
- Short circuit and overload protection
- Over temperature protection
- Suitable for dry and damp locations
- Withstanding voltage: I/P – O/P 2kVAC
- Operating temperature range: -40°C to 90°C (measured at Tcase)
- MTBF: 299,000 hours @ 40°C ambient (~70°C case temp)
- Inrush Current: <20A Max @230VAC for Universal input models, cold start 25°C
- Output Voltage tolerance +/- 5% @ 25°C
- No minimum load

APPROVALS

- UL 8750 recognized component
- EN61000-3-2
- EMC: Meets FCC47 CFR Part 15 (Class A) Non-consumer limits
- ^SUL879 SAM approved



MECHANICAL SPECIFICATIONS: CASE STYLE I



DIMENSIONS [IN/MM]

Length:	9.50 [241.3]
Mounting:	9.00 [228.6]
Width:	1.70 [43.2]
Height:	1.18 [30.0]

WIRING INFORMATION

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

PACKAGING INFORMATION

Weight:	21.2 oz
Quantity:	30pc/carton

WARRANTY

- 5 year limited warranty

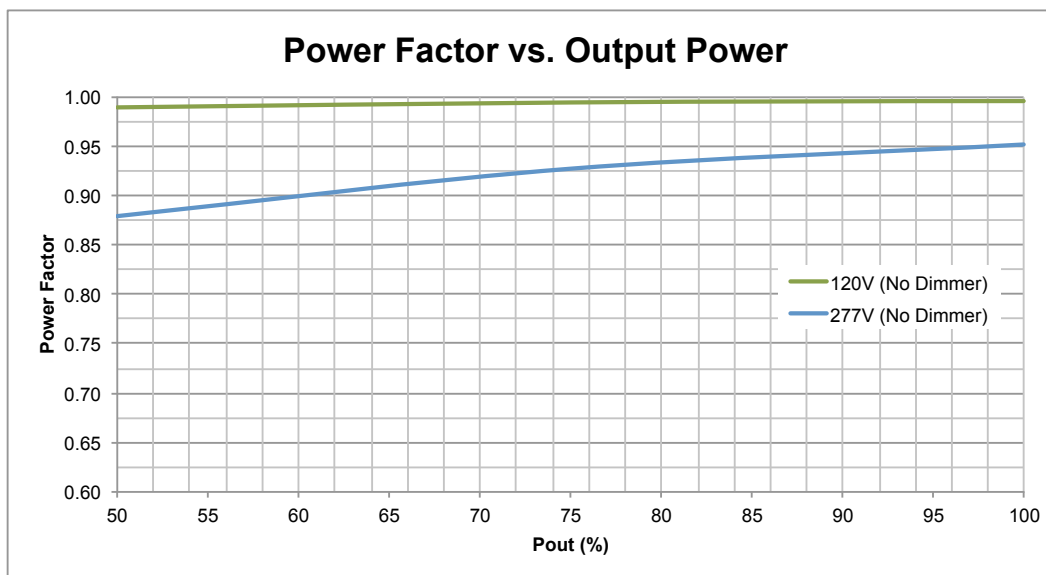
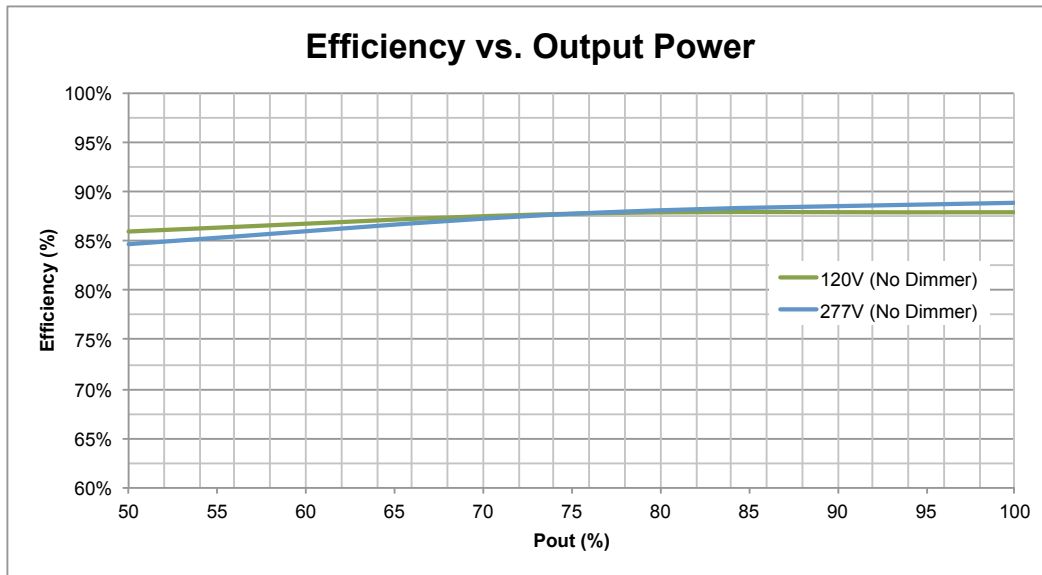
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PERFORMANCE CURVES



Efficiency and PF measured at 25°C.
Measurements made on model LV80-24N-UNV-I.

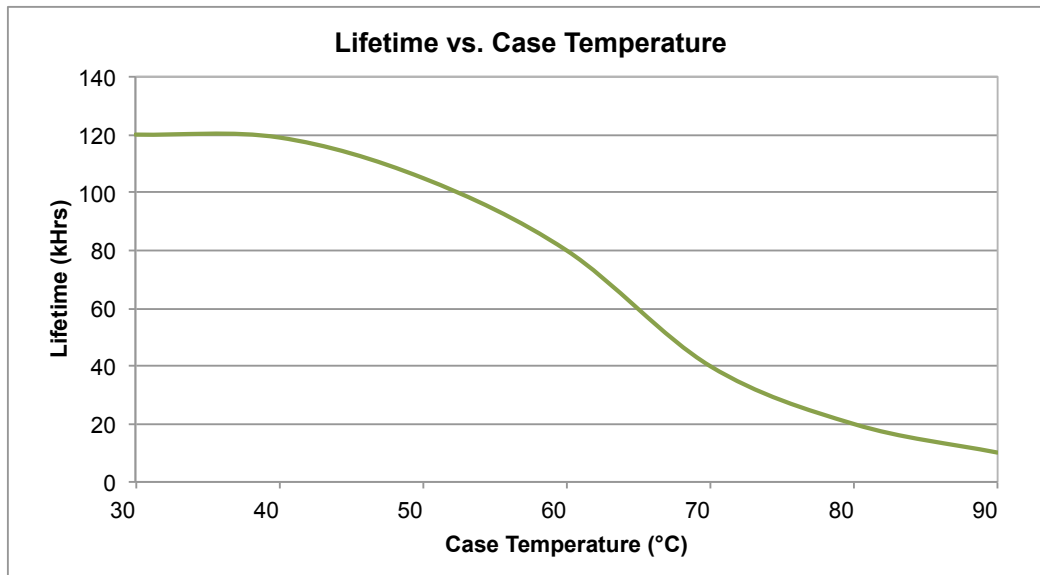
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