

Constant Current LED Driver

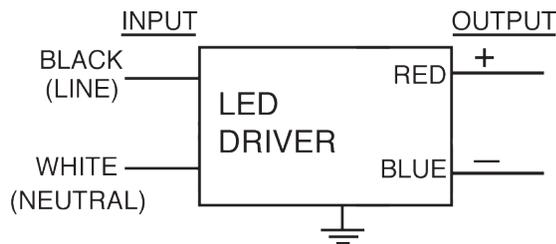
Model Number
AC-12C350UVHM

Input Voltage: 120-277V
Input Frequency: 50/60Hz
Side Mount/Leads

ELECTRICAL SPECIFICATIONS:

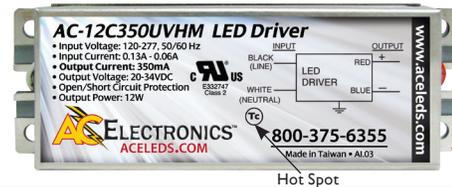
Output Power	Input Current	Min PF (full load)	Max THD (full load)	Output Voltage	Output Current	T case Max	Minimum Starting Temp	Efficiency Up To	IP Rating
12W	0.128A @ 120V, 0.064A @ 277V	>0.9	<20%	20 to 34V	350mA±5%	90° C	-40° C	78.6%	IP65

WIRING:



Wiring Lead Lengths	
White	5.9"
Black	5.9"
Red	5.9"
Blue	5.9"

PHYSICAL:



Dimensions	
Length	4.21"
Width	1.41"
Height	1.14"
Mounting Length	3.9"
Hole Diameter	0.197"
Weight	.44 lbs.
Case Qty.	100 pcs.

SAFETY:

- UL and cUL Recognized, Class 2
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- Overload Protection
- Open/Short Circuit Protection
- LED driver has a life expectancy of 50,000 hours at Tcase of ≤75°C
- LED driver has a life expectancy of 100,000 hours at Tcase of ≤65°C
- Warranty: 5 yrs based on max case temp of <75°C; 3 yrs based on max case temp of 90°C*
- Input/Output Isolation
- FCC Title 47 CFR Part 15
- Surge Protection (2 KV)

INSTALLATION:

- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/I05C tinned strand copper lead-wires are required for installation
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded



*AC Electronics/AC LED Power Designs warrants to the purchaser that each LED Driver will be free from defects in material or workmanship for a period of 5 years when operated at max case temp of up to <75°C; 3 years from date of manufacture when operated at a max case temp of up to 90°C when properly installed and under normal conditions of use. See aceleds.com for complete warranty policy.

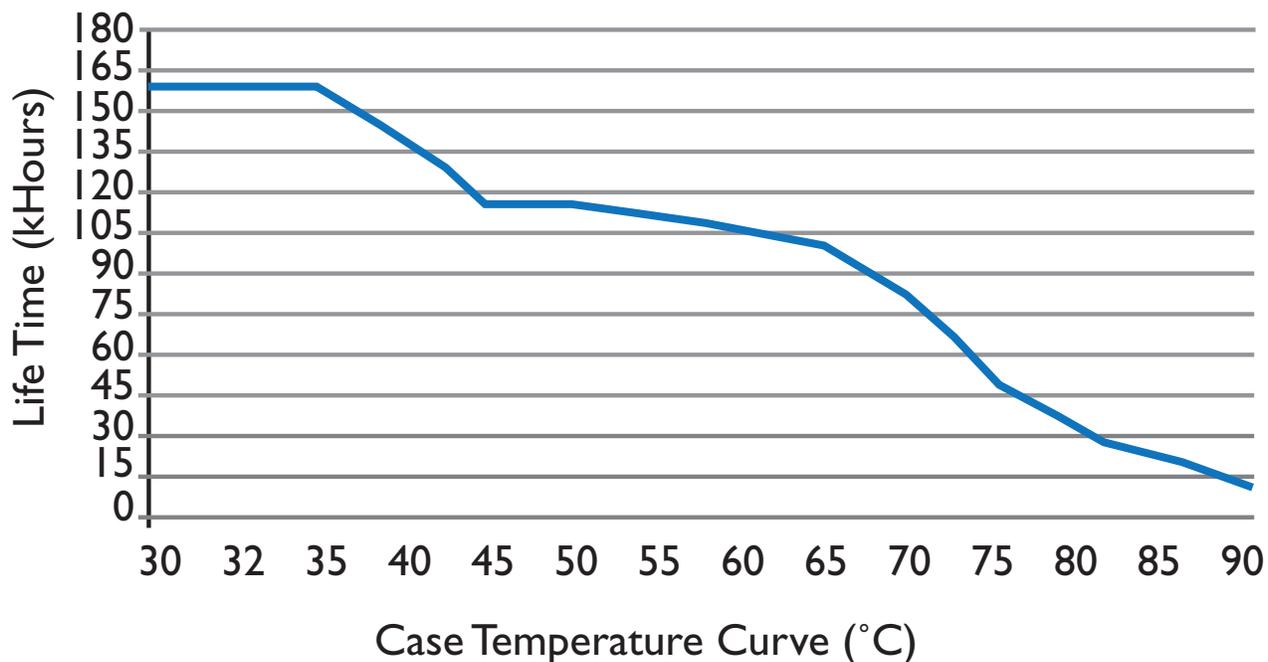
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Data is based upon tests performed by AC Electronics in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.



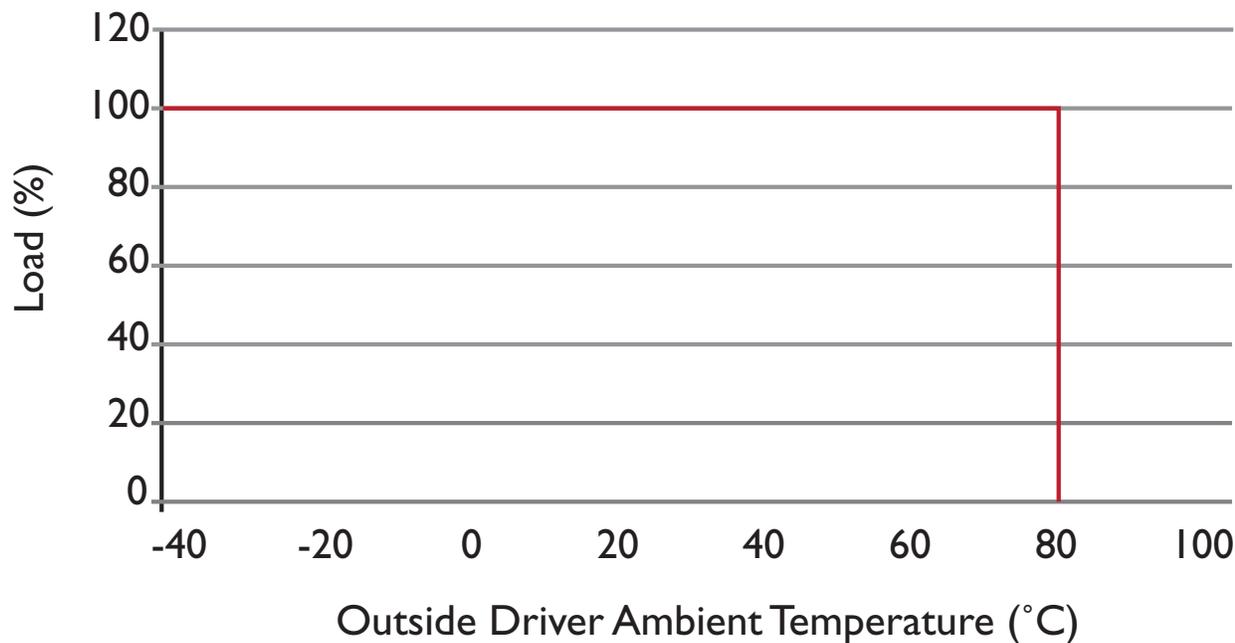
Performance Characteristics

Life Time v.s. Case Temperature Curve



Derating Curve

120Vac & 277Vac

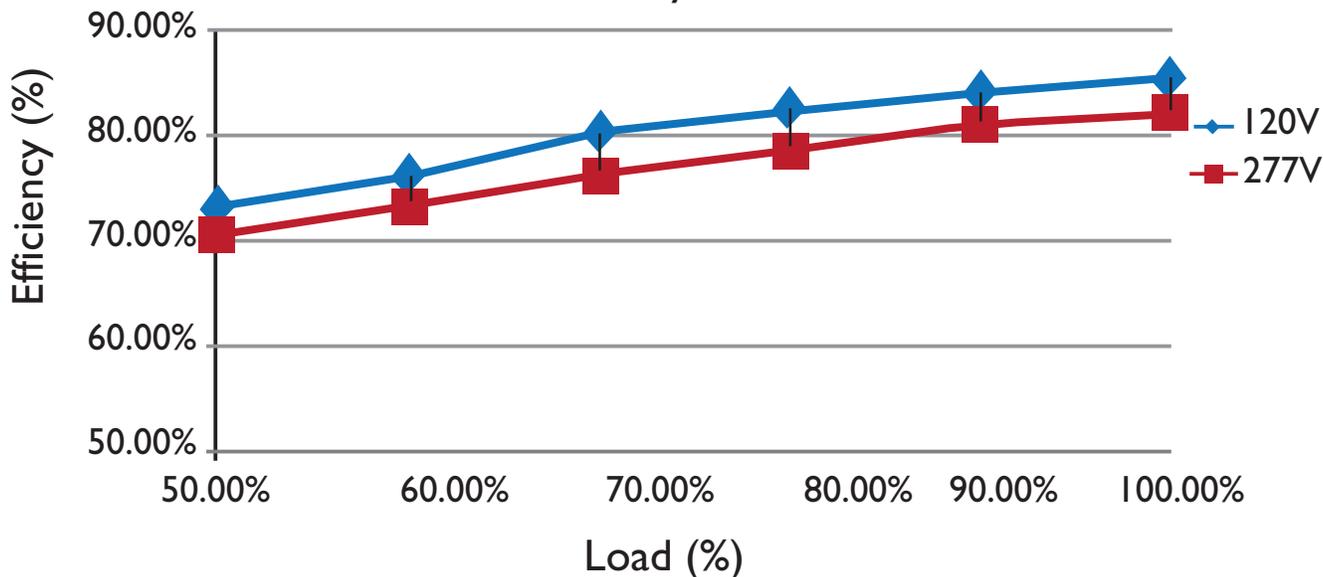


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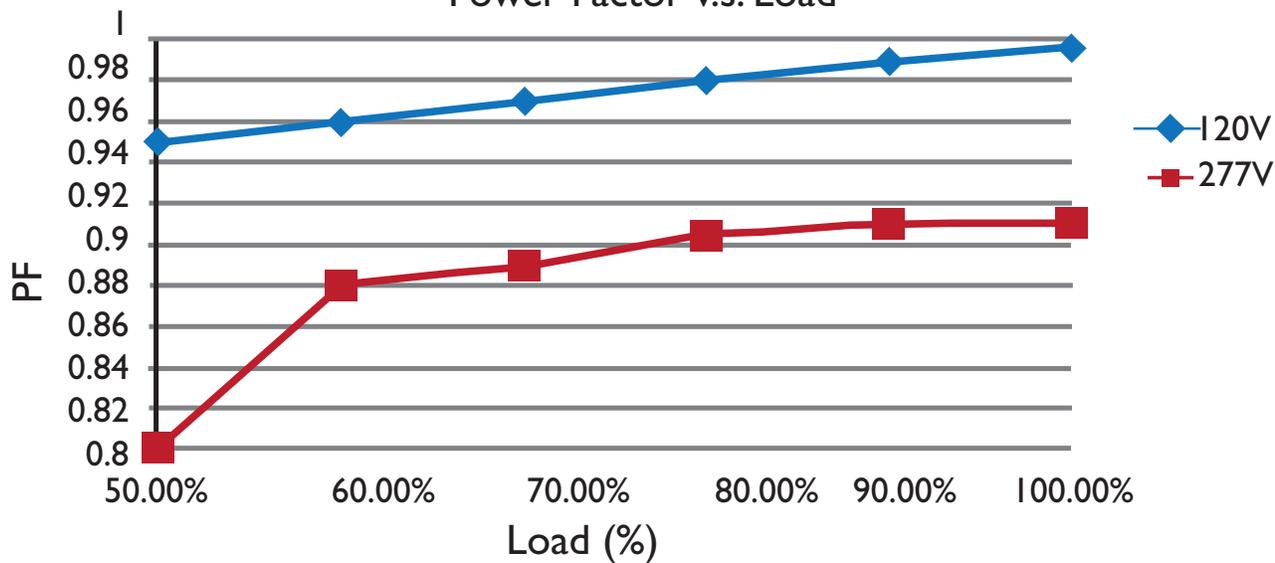
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Performance Characteristics

Efficiency v.s. Load



Power Factor v.s. Load

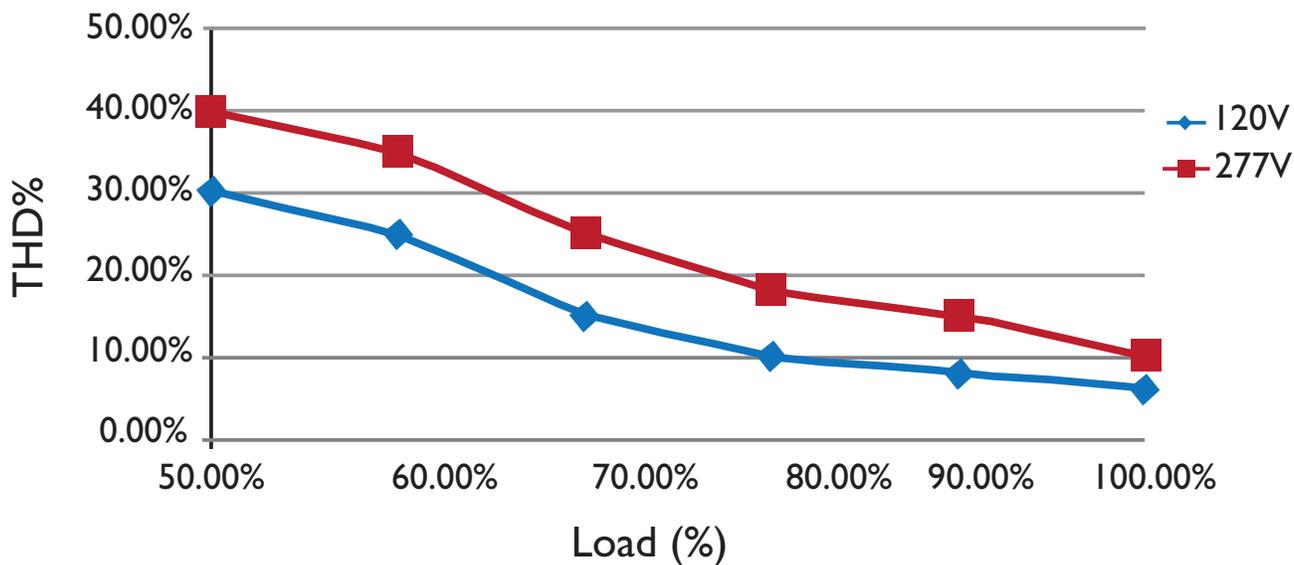


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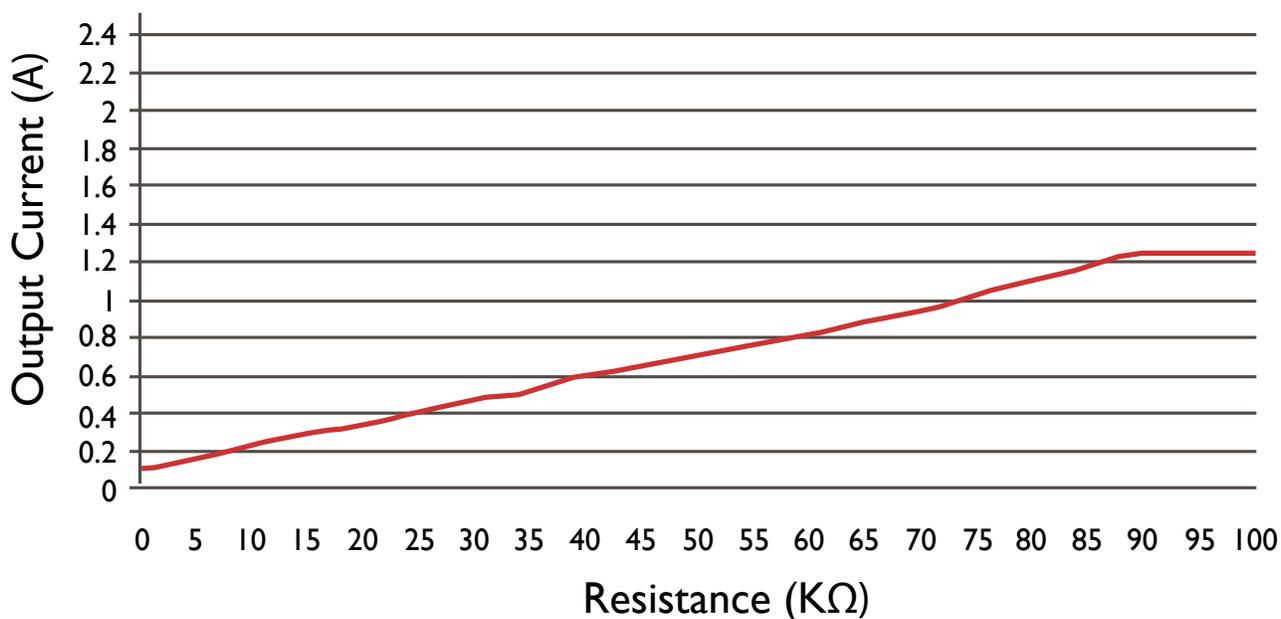
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Performance Characteristics

THD% v.s. Load



Output Current v.s. Resistance



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