AC ELECTRONICS™
ACELEDS.COM

MULTI-
CURRENT SWITCHING
AND DIMMING

Switch-Hitter™

Constant Current LED Driver

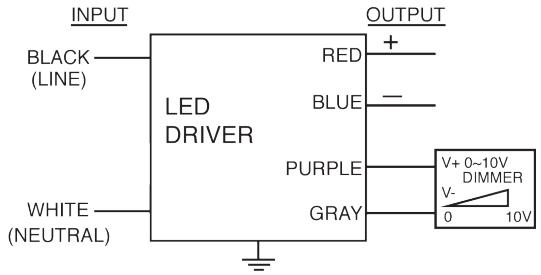
Model Number AC-150CD3.0UVTS

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

ELECTRICAL SPECIFICATIONS:

Output Power Max.	Input Power	Input Current	Minimum PF (full load)	Max. THD (full load)	Output Voltage	Output Current	T case Max.	Minimum Starting Temp.	Efficiency Up To	Dimming Protocol	Dimming Range
150W	170W	1.45A @ 120V 0.64A @ 277V	>0.95	<20%	30-50V	3000mA±5%	90° C	-40° C	87%	0 to 10V	10 to 100%
100W	115W	0.93A @ 120V 0.4A @ 277V	>0.95	<20%	30-50V	2000mA±5%	90° C	-40° C	86%	0 to 10V	10 to 100%
50W	60W	0.5A @ 120V 0.22A @ 277V	>0.95	<20%	30-50V	1000mA±5%	90° C	-40° C	85%	0 to 10V	10 to 100%

WIRING:



Lead Lengths					
Black	5.9"	Blue	5.9"	Purple	5.9"
White	5.9"	Red	5.9"	Gray	5.9"

PHYSICAL:

Dimensions	
Length	9.5"
Width	2.64"
Height	1.6"
Mounting Length	8.9"

SAFETY & PERFORMANCE:

- UL and cUL Recognized
- UL Outdoor Type 1
- Class A sound rating
- No PCBs
- IP66
- 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 years based on max case temp of 90°C*
- Input/Output Isolation
- FCC Title 47 CFR Part 15
- Surge Protection (6 KV)

INSTALLATION:

- LED drivers shall be installed inside UL approved electrical enclosures
- 18 AWG 600V/105C tinned strand copper lead-wires are required for installation
- Max Remote installation distance is 18 ft
- LED driver cases shall be grounded

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*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.

IP66 HARSH

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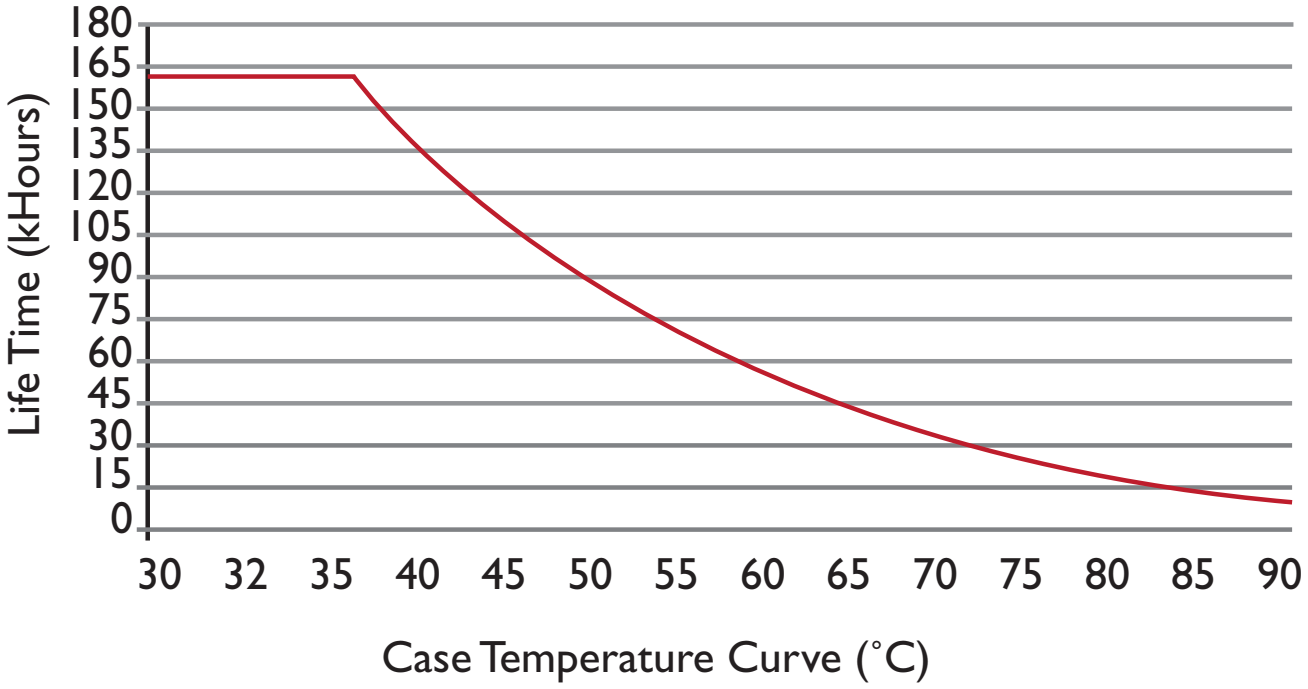
Data is based upon tests performed by AC Electronics in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.

RoHS COMPLIANT LEAD-FREE

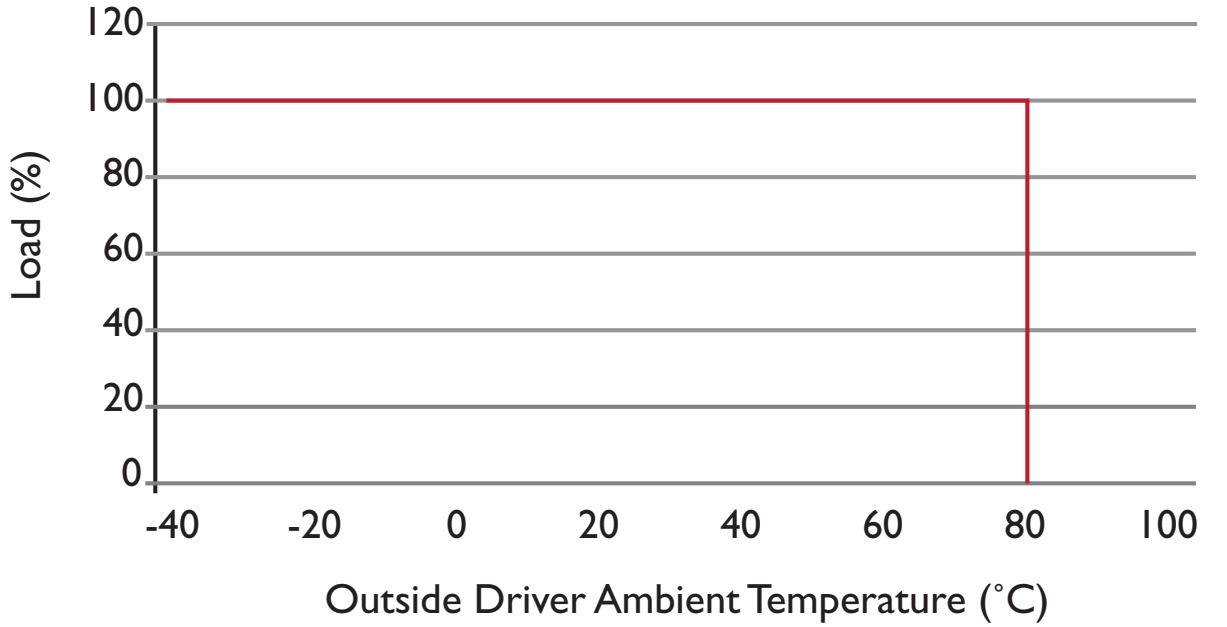
Revised 01/04/2016

Performance Characteristics

Life Time v.s. Case Temperature Curve

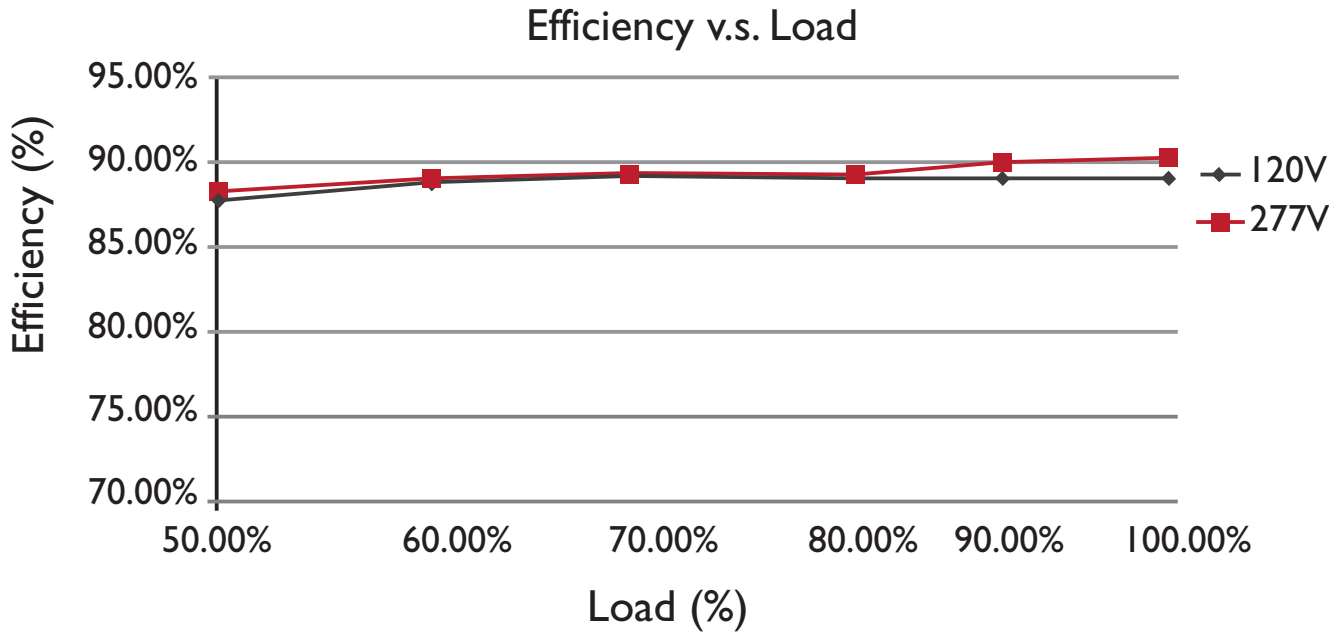


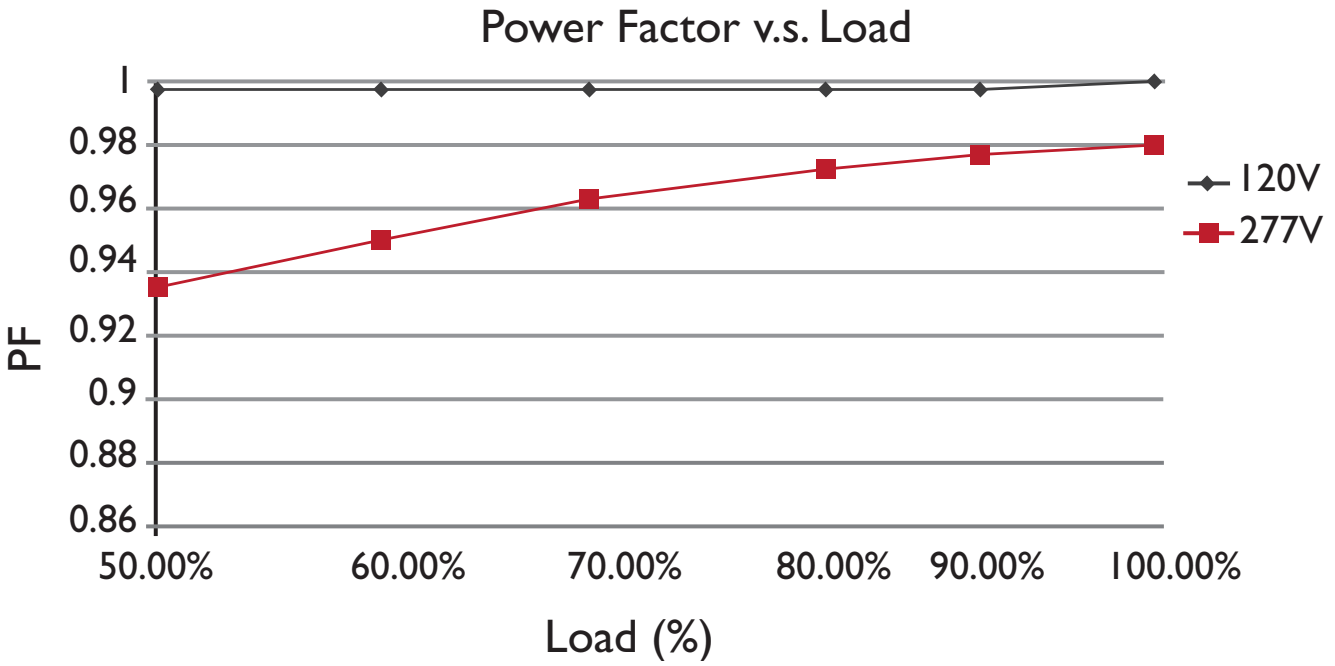
Derating Curve 120Vac & 277Vac



Revised 01/04/2016

Performance Characteristics





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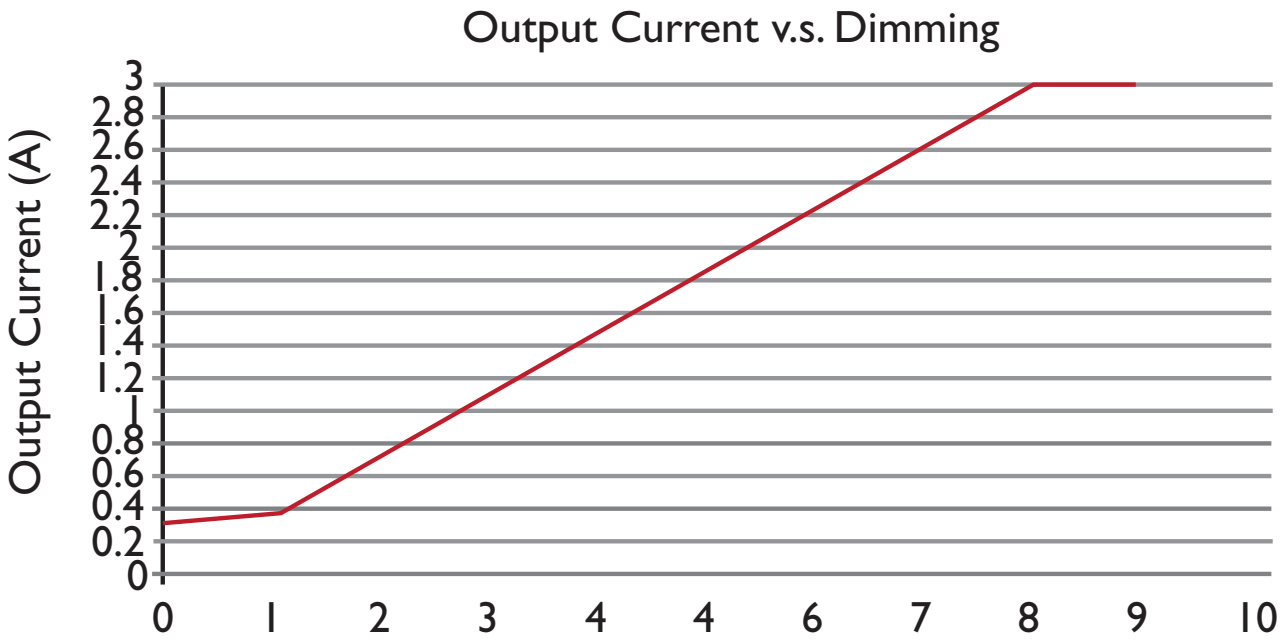

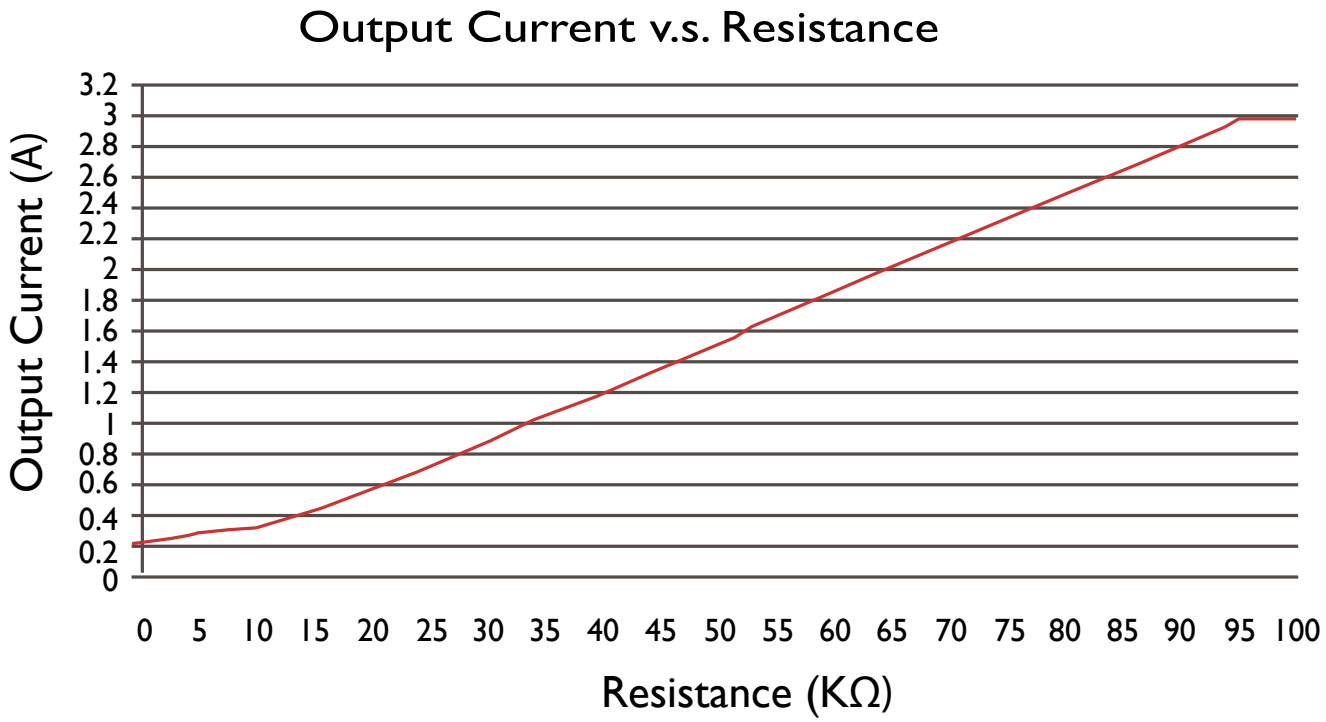

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