

MULTI-CURRENT SWITCHING AND DIMMING

Switch-Hitter™

Constant Current LED Driver

Model Number
AC-108CD2.0ATKS and
AC108CD2.0ATBKS

Input Voltage: 120-277V

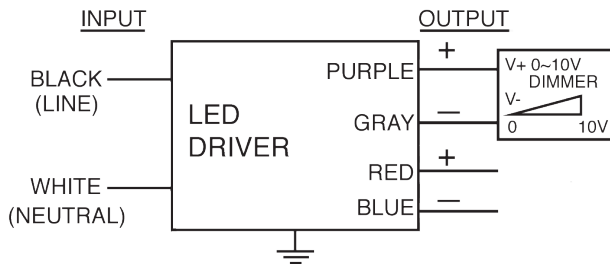
Input Frequency: 50/60Hz

Bottom and Side Mount/Leads Options

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	IP Rating	Dimming Protocol	Dimming Range
108W	123W	1.03A @ 120V 0.45A @ 277V	>0.9	<20%	33-54V	2000mA±5%	90° C	-40° C	88%	64	0 to 10V	10 to 100%
92W	106W	0.88A @ 120V 0.38A @ 277V	>0.9	<20%	33-54V	1700mA±5%	90° C	-40° C	87%	64	0 to 10V	10 to 100%
57W	63W	0.54A @ 120V 0.23A @ 277V	>0.9	<20%	33-54V	1050mA±5%	90° C	-40° C	86%	64	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"

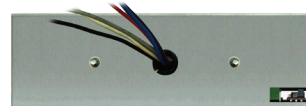
PHYSICAL:

Side Mount Option
Model Number:
AC-108CD2.0ATKS



Dimensions

Length	9.5"	Mounting Length	8.9"
Width	2.4"	Weight	xx lbs.
Height	1.46"	Case Qty.	xx pcs.



Bottom Mount Option
Model Number:
AC108CD2.0ATBKS

SAFETY & PERFORMANCE:

- UL Recognized
- cUL Recognized
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- IP64
- 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 (3 Kv)

INSTALLATION:

- LED drivers shall be installed inside 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 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.

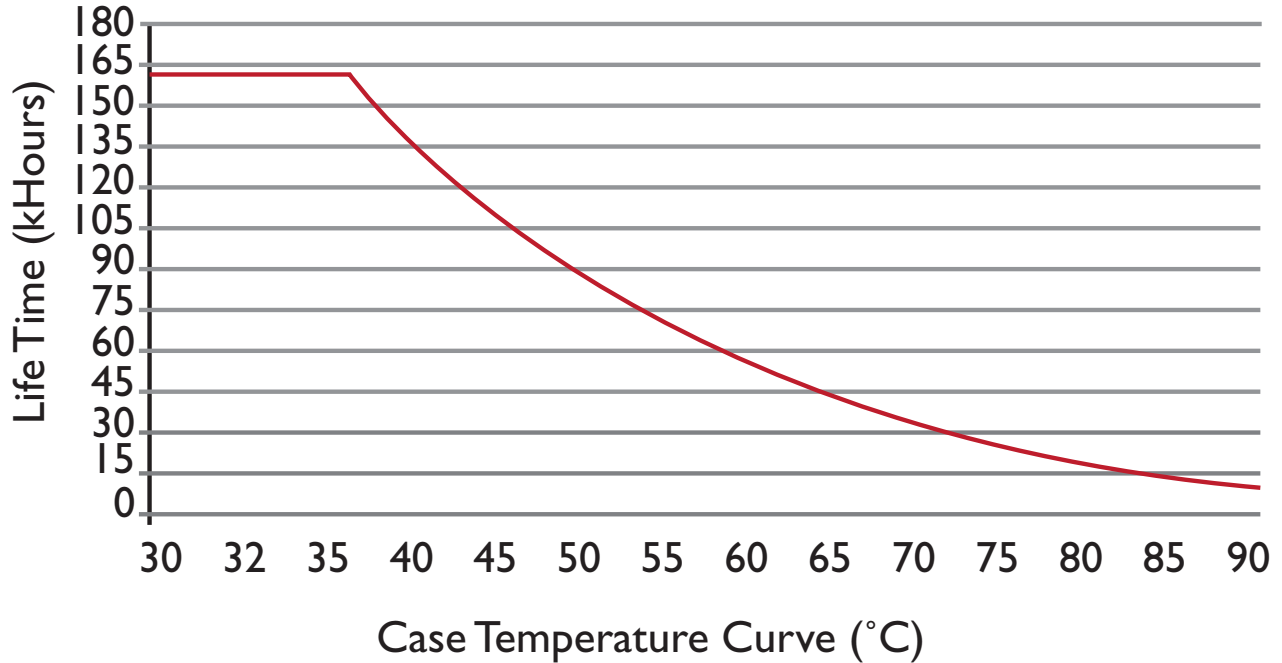
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Data is based upon tests performed by AC Electronics in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications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

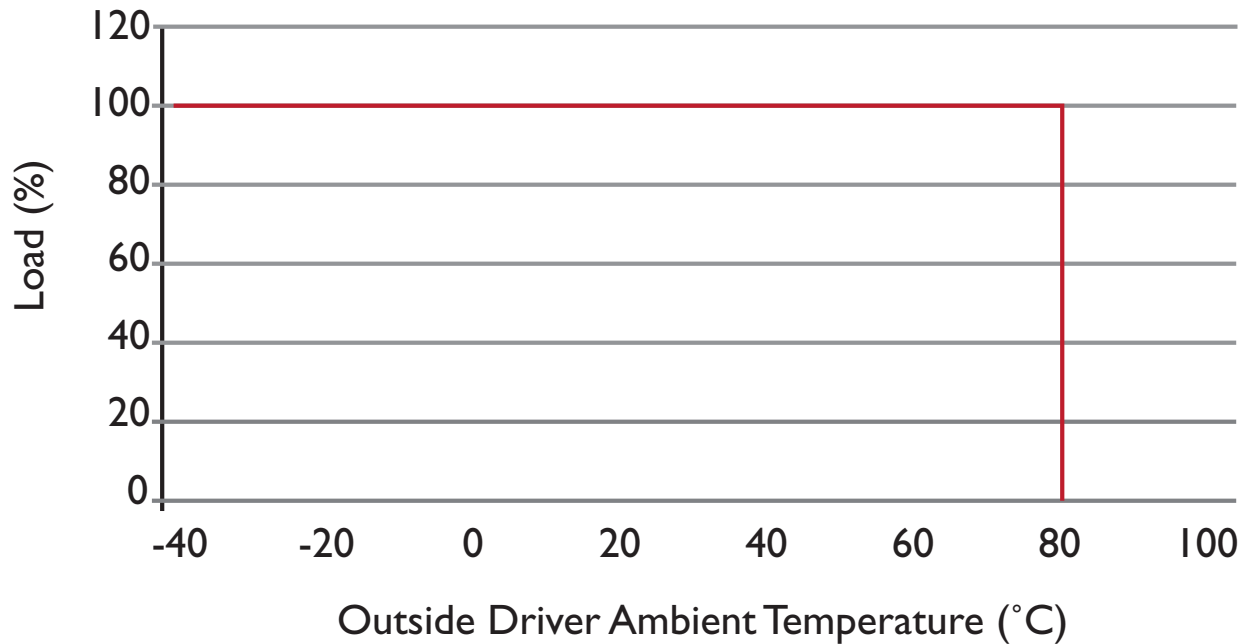


Performance Characteristics

Life Time v.s. Case Temperature Curve



Derating Curve 120Vac & 277Vac

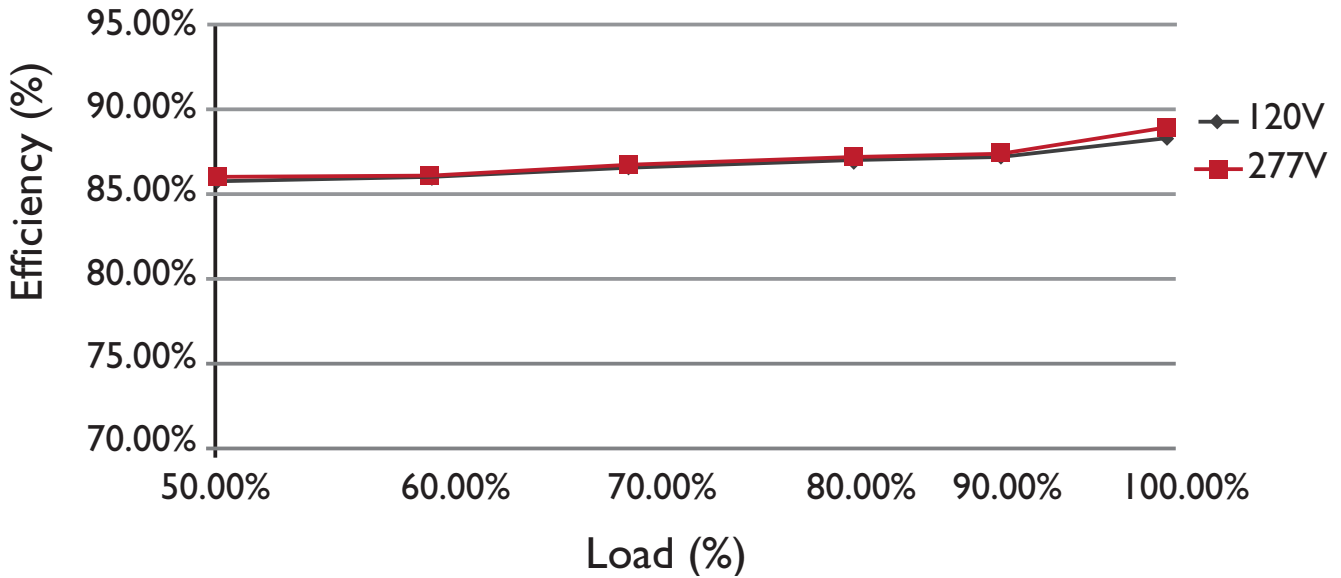


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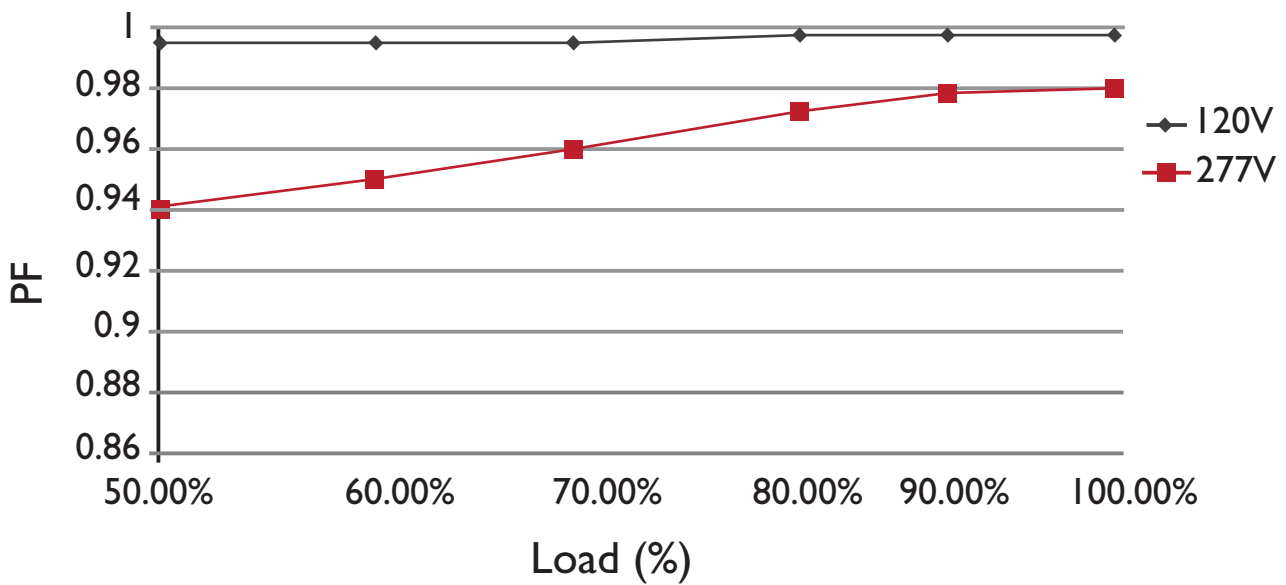
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Performance Characteristics

Efficiency v.s. Load



Power Factor v.s. Load

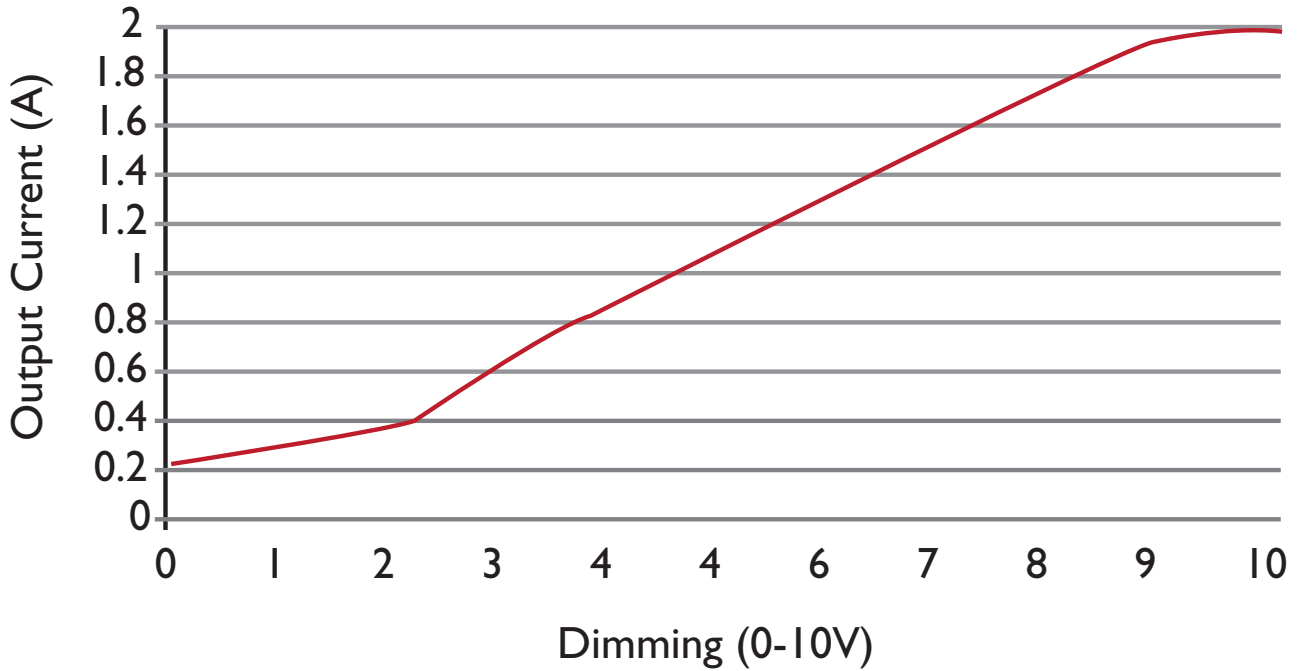


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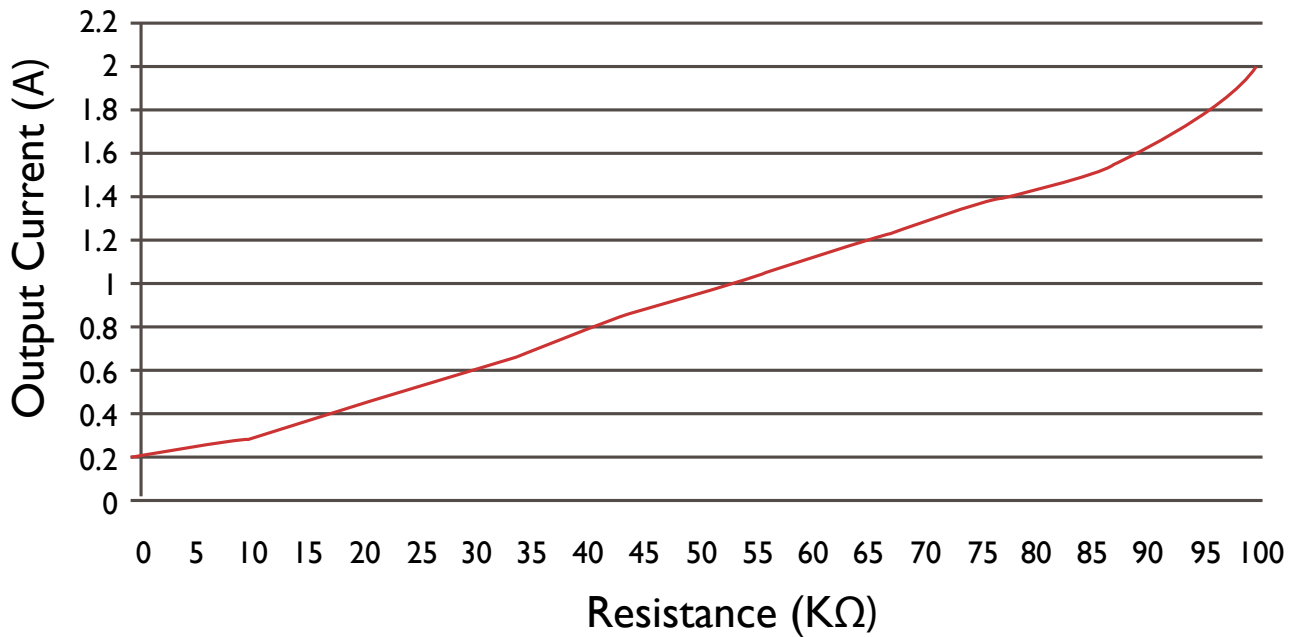
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Performance Characteristics

Output Current v.s. Dimming



Output Current v.s. Resistance



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