

MULTI-CURRENT SWITCHING AND DIMMING CLASS P

Switch-Hitter

Constant Current LED Driver

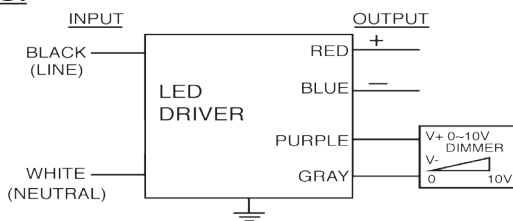
Model Number AC-60CDI.4UV-TS AC-60CDI.4ATTS

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	IP Rating	Dimming Protocol	Dimming Range
60W	72W @ 120V 71W @ 277V	0.6A @ 120V 0.26A @ 277V	>0.95	<20%	30-43V	1400mA±5%	90° C	-40° C	84%	64	0 to 10V	10 to 100%
45W	55W @ 120V 54W @ 277V	0.46A @ 120V 0.2A @ 277V	>0.95	<20%	30-43V	1050mA±5%	90° C	-40° C	83%	64	0 to 10V	10 to 100%
30W	37W @ 120V 36W @ 277V	0.31A @ 120V 0.13A @ 277V	>0.95	<20%	30-43V	700mA±5%	90° C	-40° C	83%	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:



Dimensions

Length	9.5"
Width	1.7"
Height	1.14"
Mounting Length	8.9"

We recommend these Dimmers: Leviton IP710-DLZ • Lutron DVTV • Lutron NFTV • Lutron NTSTV-DV • Hunt PS-010 • WattStopper ADFI20277

Driver Option:

- 12V Output Tap Wire (AC-60CDI.4ATTS)
- 10% dimming, Dim-To-Off and 1%
- 10Kv Surge Protection
- Consult Factory for model number and form factor

SAFETY & PERFORMANCE:

- Class P Listed
- cUL LVLE
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- 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:

This driver is NOT recommended for use in theater lighting applications.

- 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.



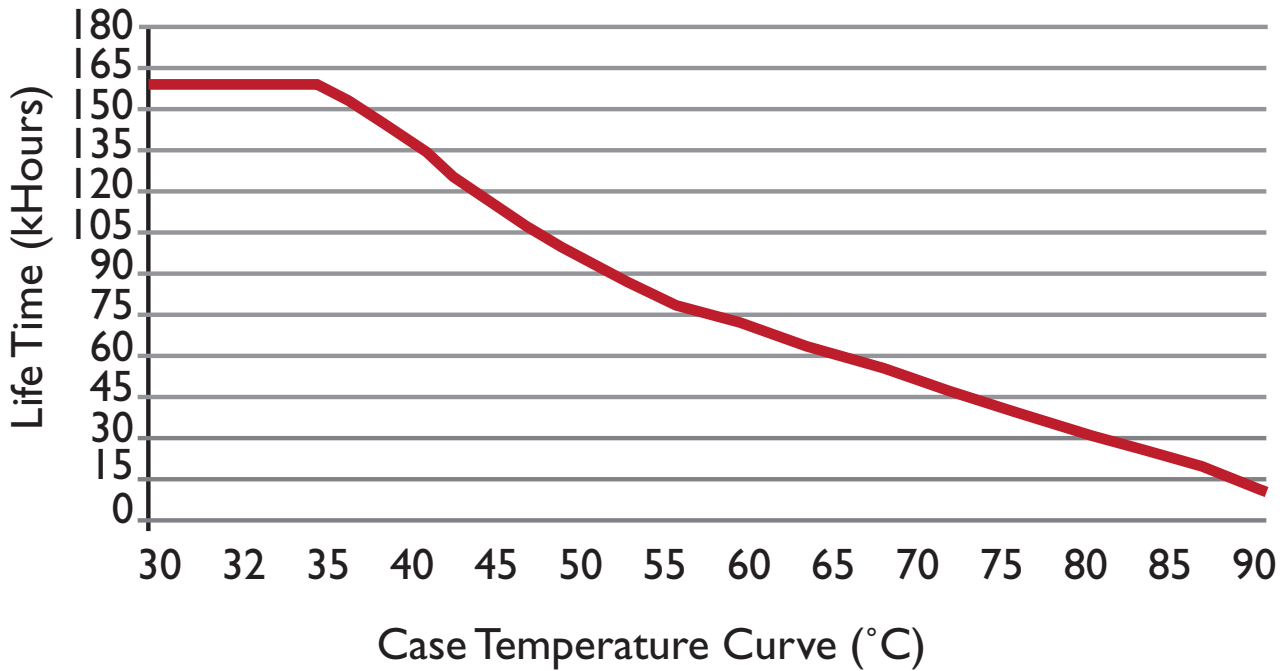
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Data is based upon tests performed by AC Electronics in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications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

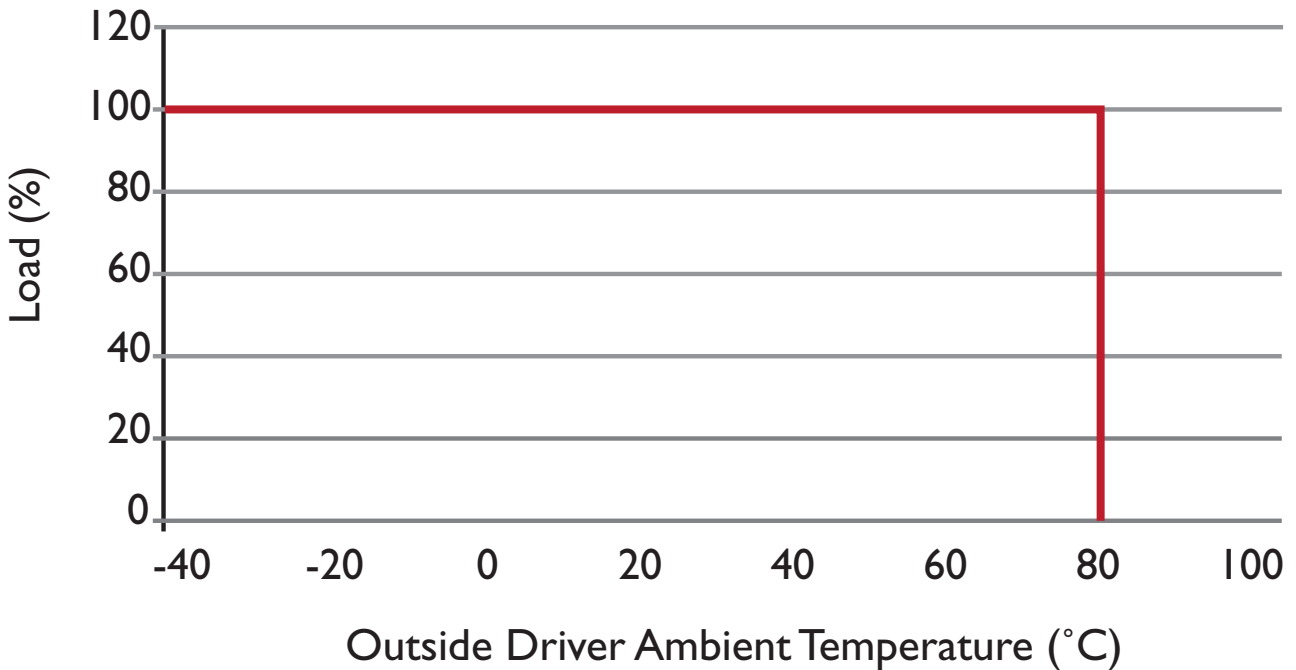


Performance Characteristics

Life Time v.s. Case Temperature Curve



Derating Curve 120Vac & 277Vac

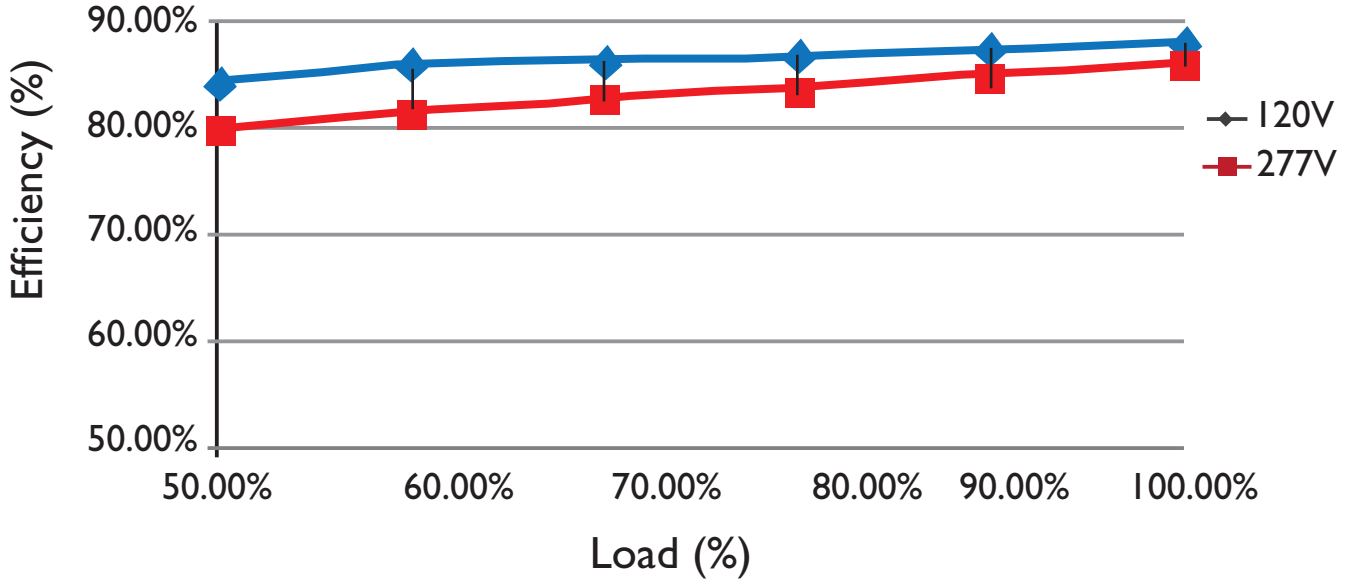


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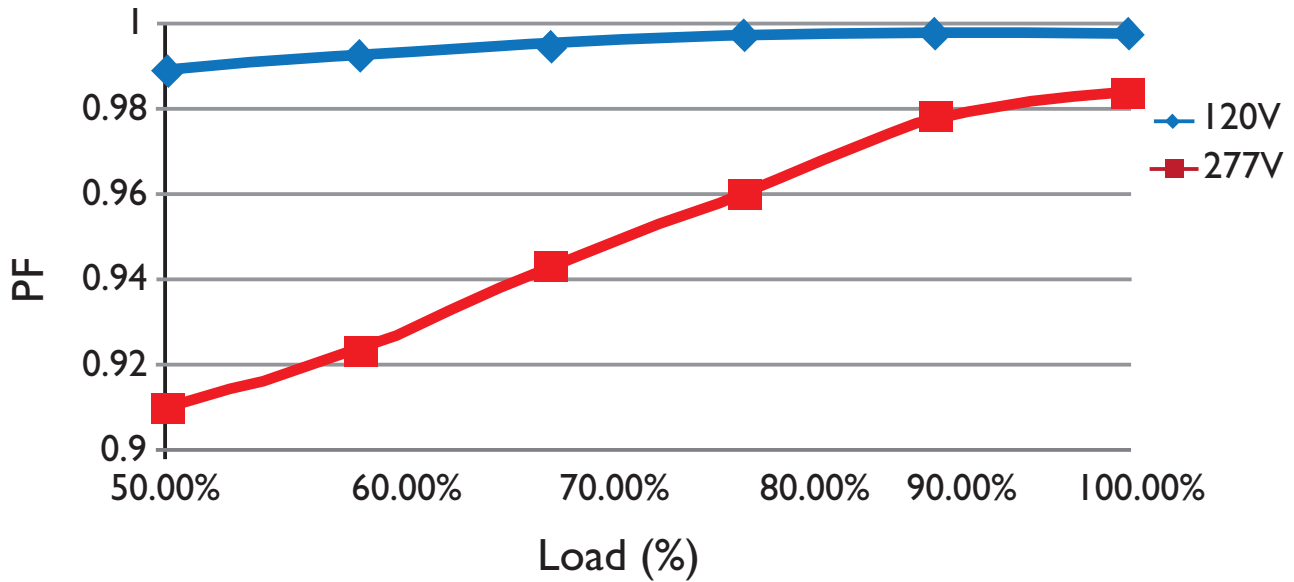
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Performance Characteristics

Efficiency v.s. Load



Power Factor v.s. Load

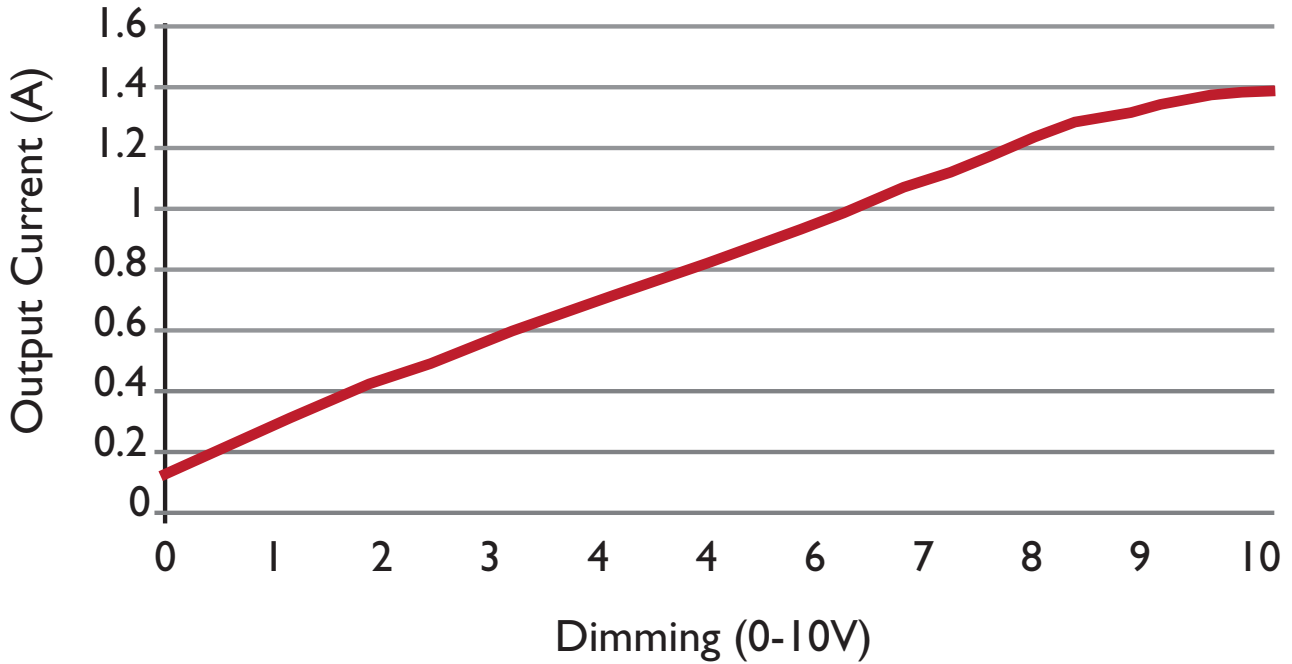


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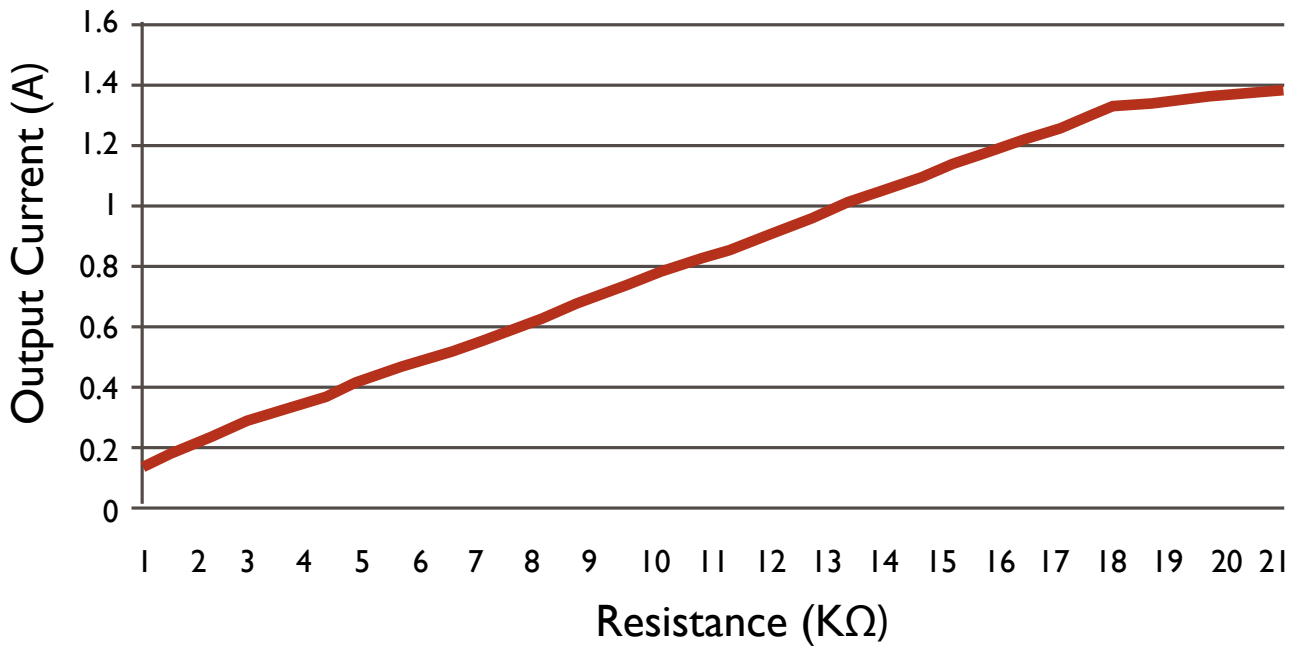
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Performance Characteristics

Output Current v.s. Dimming



Output Current v.s. Resistance



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