AC ELECTRONICS™
ACELEDS.COM

Switch-Hitter™

Constant Current LED Driver

P1

Model Number
AC-60CD1.4UV-TS
AC-60CD1.4ATTTS

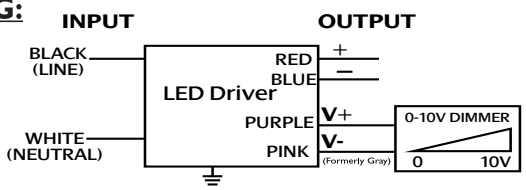
MULTI-CURRENT SWITCHING AND DIMMING CLASS P

Input Voltage: 120-277V
Input Frequency: 50/60Hz
Side Mount/Leads
New and Improved
Dimming: 1 to 100% @ Date Code ANC.37

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%	26-43V	1400mA±5%	90° C	-40° C	87%	64	0 to 10V	1 to 100%
45W	55W @ 120V 54W @ 277V	0.46A @ 120V 0.2A @ 277V	>0.95	<20%	26-43V	1050mA±5%	90° C	-40° C	85%	64	0 to 10V	1 to 100%
30W	37W @ 120V 36W @ 277V	0.31A @ 120V 0.13A @ 277V	>0.95	<20%	26-43V	700mA±5%	90° C	-40° C	84%	64	0 to 10V	1 to 100%

WIRING:



Note: Gray (-) dimming wire has been changed to pink per the 2020 NEC section 410.69 and NEMA.

Lead Lengths					
Black	6"	Blue	6"	Purple	7.1"
White	6"	Red	6"	Pink	7.1"

PHYSICAL:

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

Driver Option:

- **12V Output Tap Wire (AC-60CD1.4ATTTS)**

We recommend these Dimmers: Leviton IP710-DLZ • Lutron DVTV • Lutron NFTV • Lutron NTSTV-DV • Hunt PS-010 • WattStopper ADF120277

SAFETY & PERFORMANCE:

- Class 2
- Class P Listed
- cUL LVLE
- UL Outdoor Type 1
- 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)
- Gray (-) dimming wire has been changed to pink per the 2020 NEC section 410.69 and NEMA.

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

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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.

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LVLE

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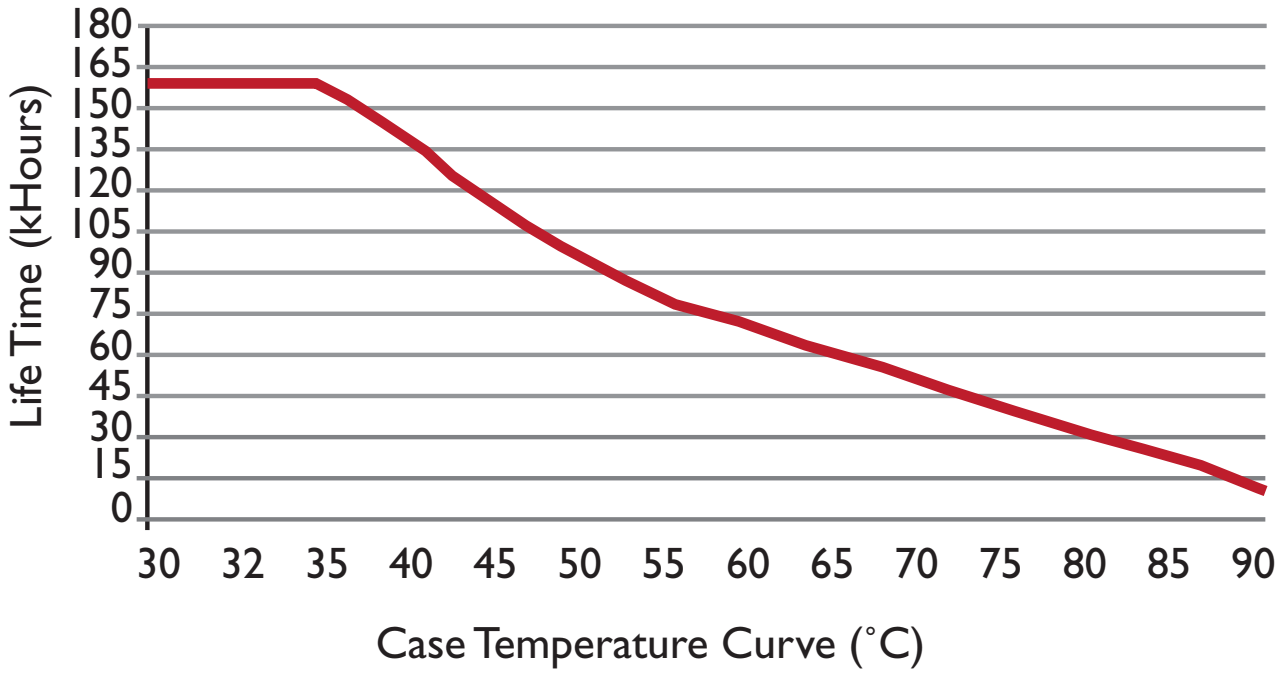
RoHS COMPLIANT LEAD-FREE

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.

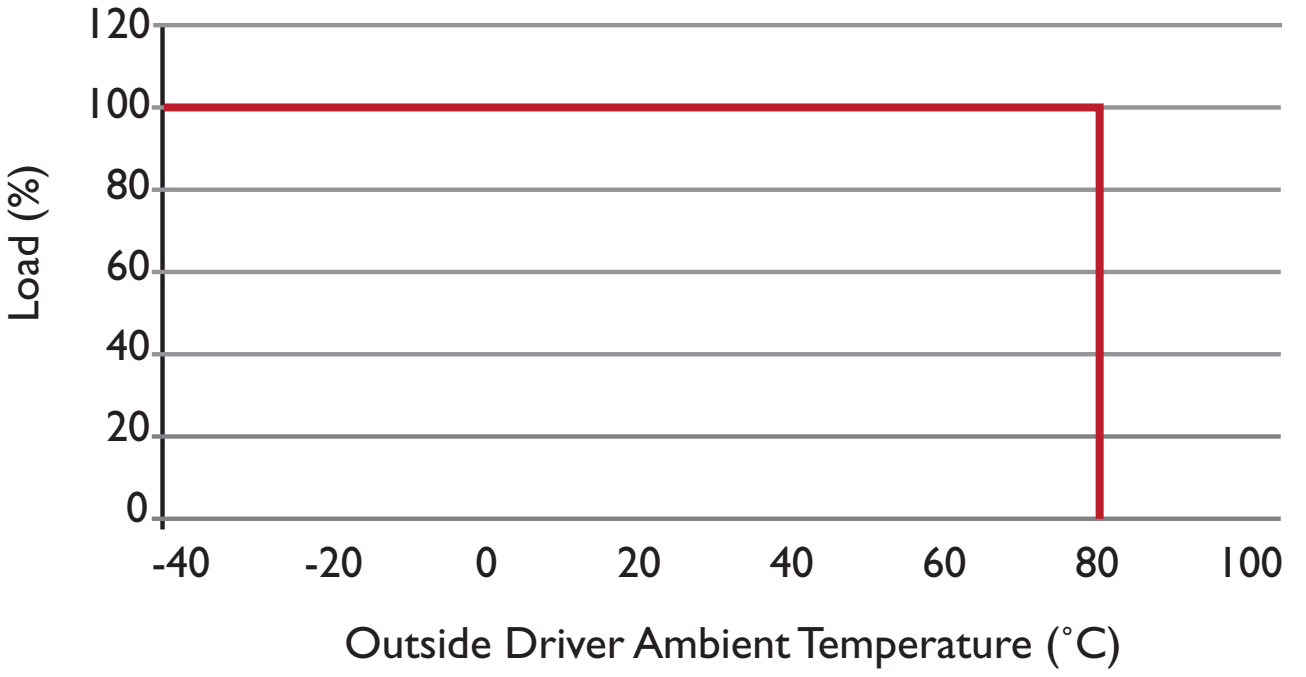
07/25/2023

Performance Characteristics

Life Time v.s. Case Temperature Curve



Derating Curve 120Vac & 277Vac



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AC-60CD1.4ATTTS

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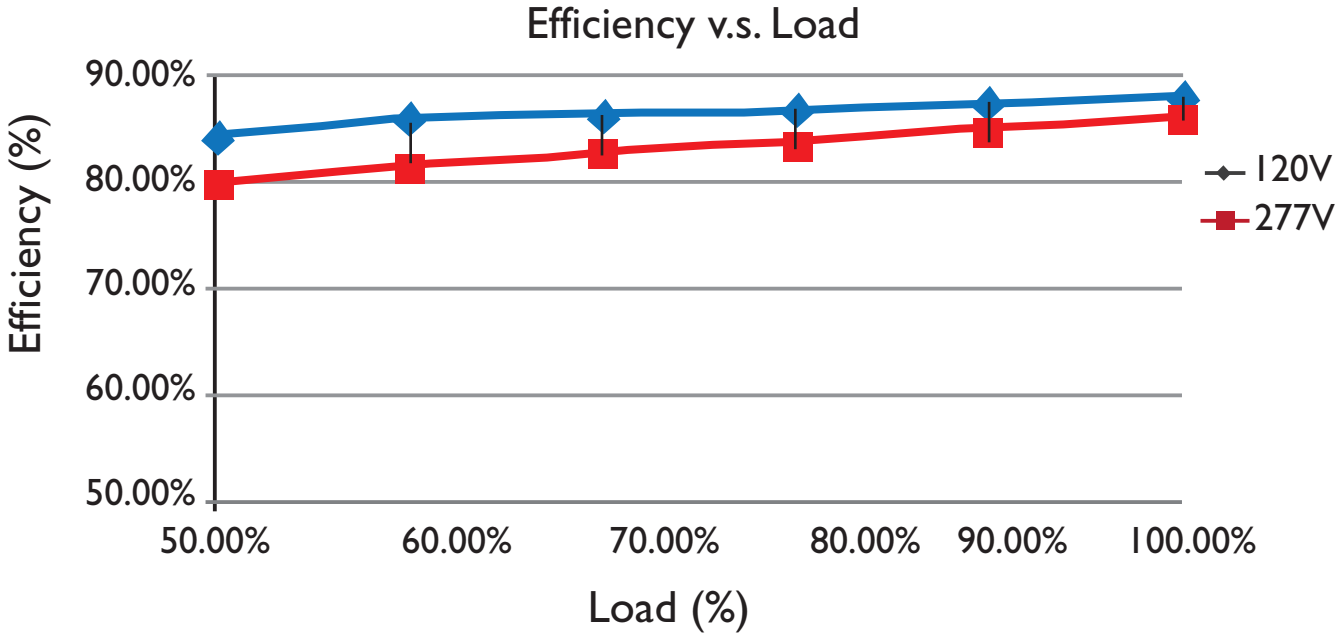

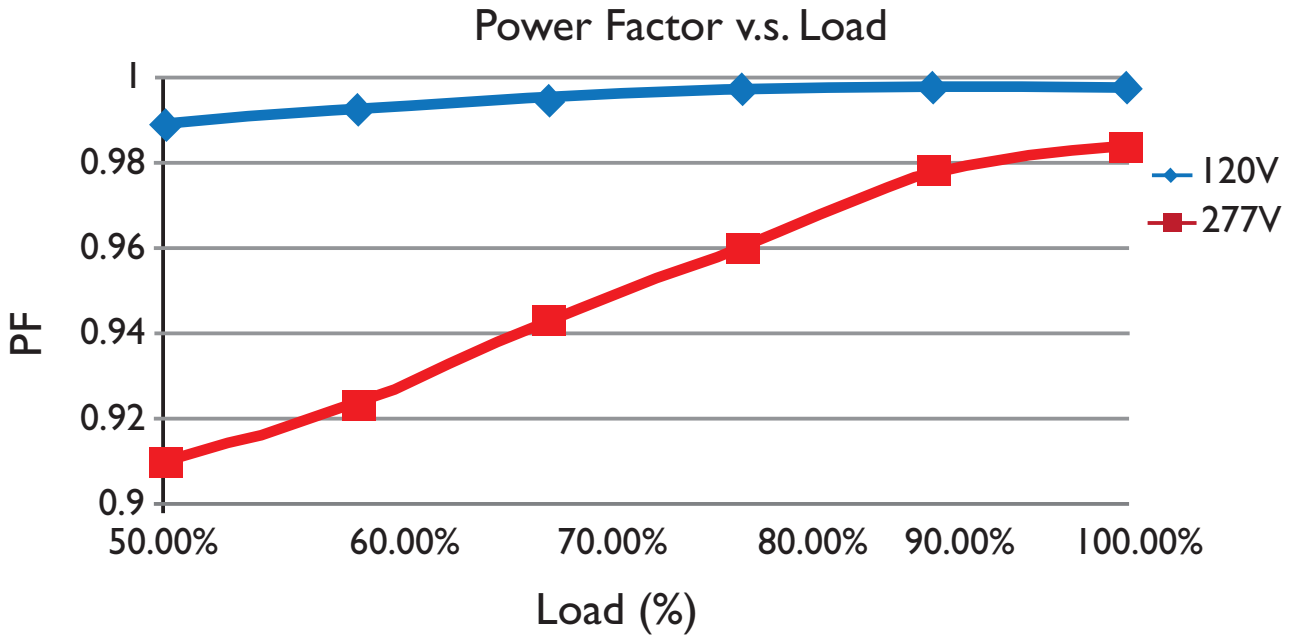

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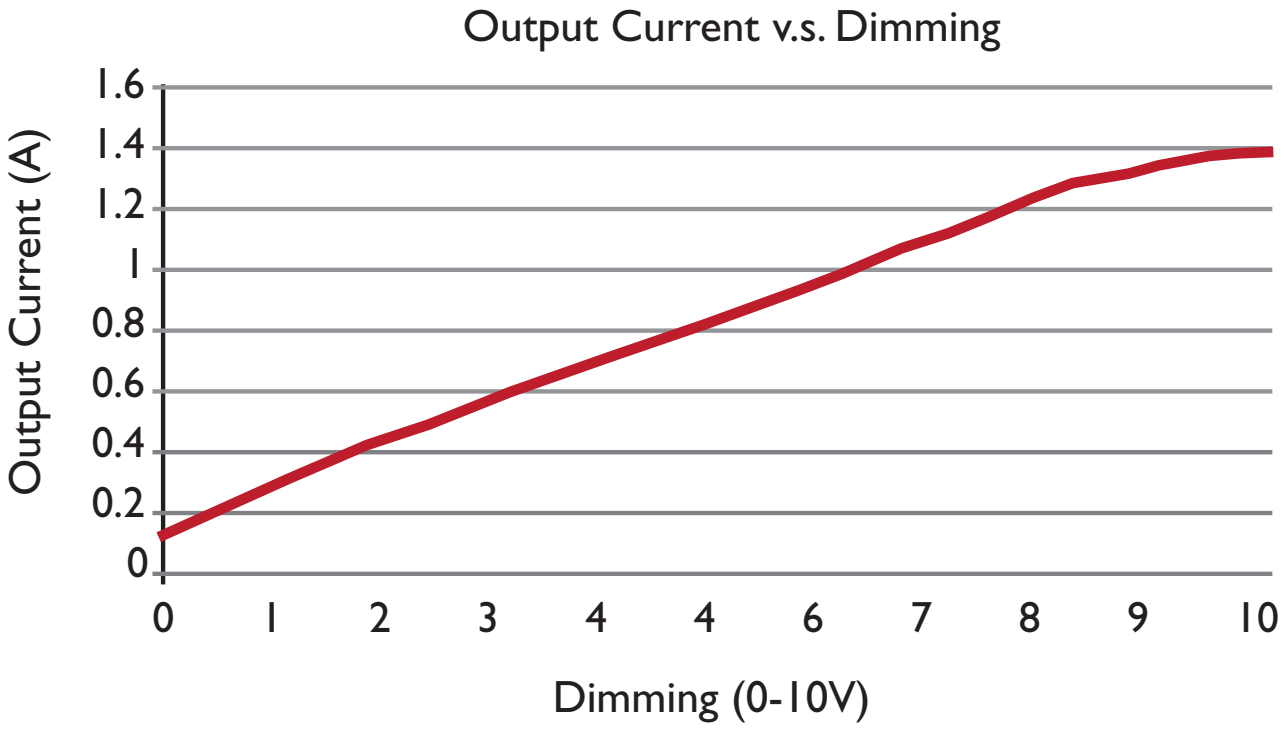

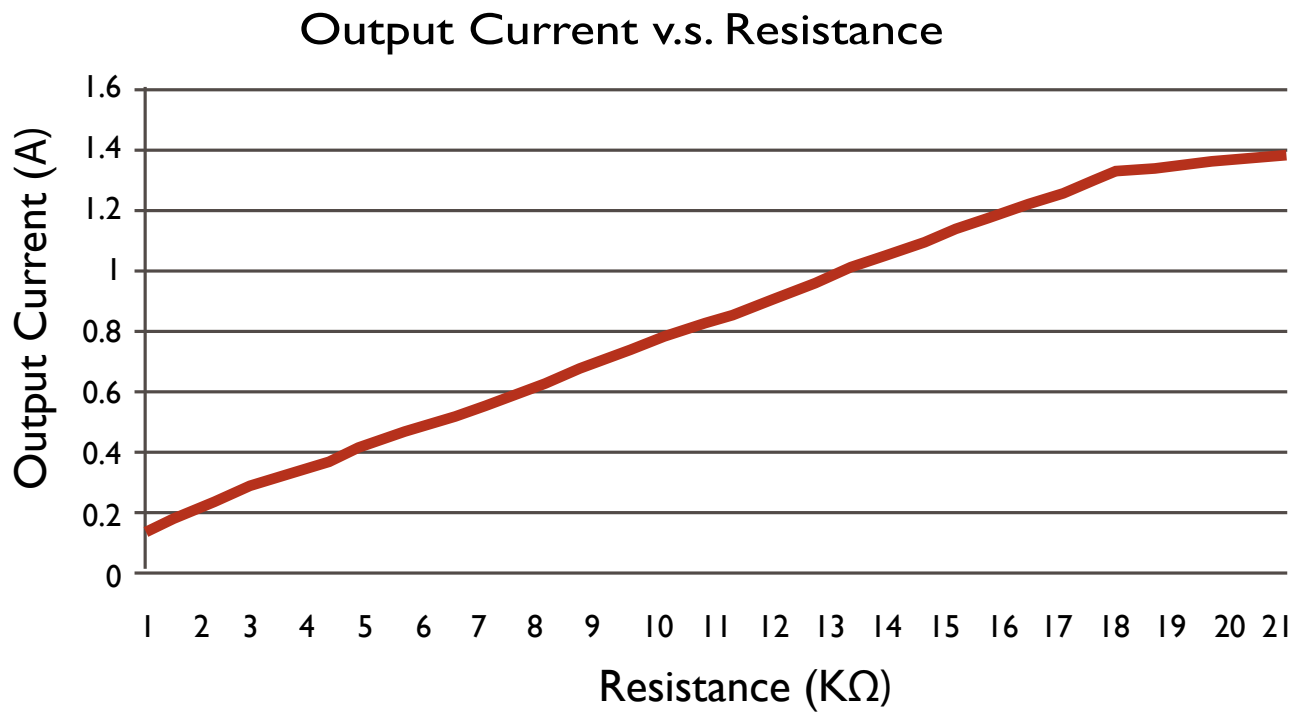

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