



**Programmable, Digital,
Wide-Range Adjustable Current & Dimming**

Constant Current LED Driver

**Model Number:
AC-60CD1.4APPU**

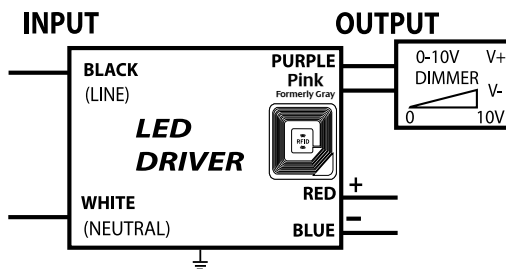
Input Voltage: 120-277V
Input Frequency: 50/60Hz
Side and Bottom Mount/Leads Options
< 1 Sec. Start time/(Starting with batch code AKT.48)

Electrical Specifications:

Output Power Max	Input Power	Input Current	Min PF (full load)	Max THD (full load)	Output Voltage	Output Current	T case Max	Min, Starting Temp**	Efficiency Up To	IP Rating	Dimming Protocol	Dimming Range
60W	70W	0.6A @ 120V 0.26A @ 277V	>0.90	<20%	27 to 55V	700mA-1400mA	90°C	-40°C	85%	64	0 to 10V	0 to 100%

** This driver can operate down to -40°C in a non-dimming condition. Below 0°C some flicker may be observed.

WIRING:



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

Lead Lengths

Black	5.9"	Blue	5.9"	Purple	7.1"
White	5.9"	Red	5.9"	Pink	7.1"

PHYSICAL:



Hot Spot

Dimensions	Length	Width	Height	Mounting
AC-60CD1.4APPU	12.8"	1.34"	1.08"	12.5"

Tref Max Value (°C)	Tc/Tref Value (°C)	Ta/Value (°C)
90	53	40

SAFETY:

- Class A sound rating
- Overload Protection
- Open/Short Circuit Protection
- Input/Output Isolation
- Class P Listed
- Type TL
- Hazardous Location (HL)
- 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*
- FCC Title 47 CFR Part 15
- Surge Protection (2 KV)
- Gray (-) dimming wire has been changed to pink per the 2020 NEC section 410.69 and NEMA.
- Dim-To-Off Programming Option
 - Active: Code = E2 04 01 04
 - Inactive: Code = E2 04 00 04

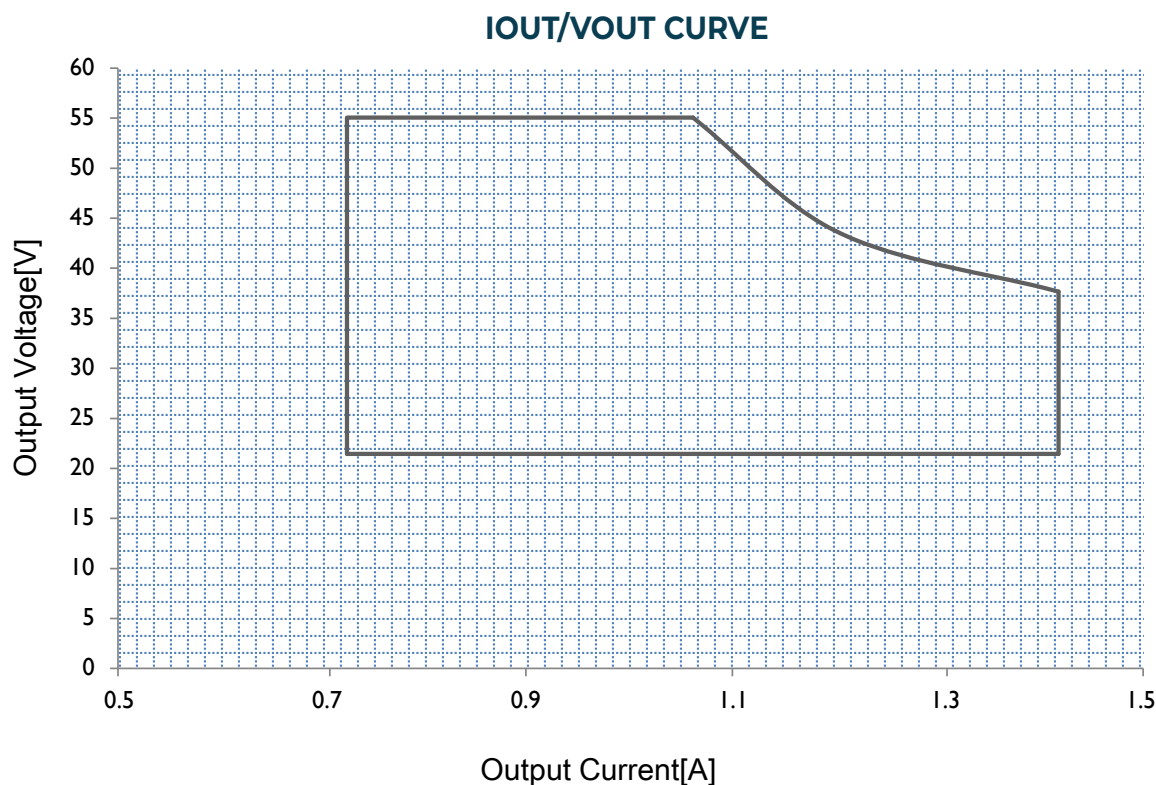
INSTALLATION:

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

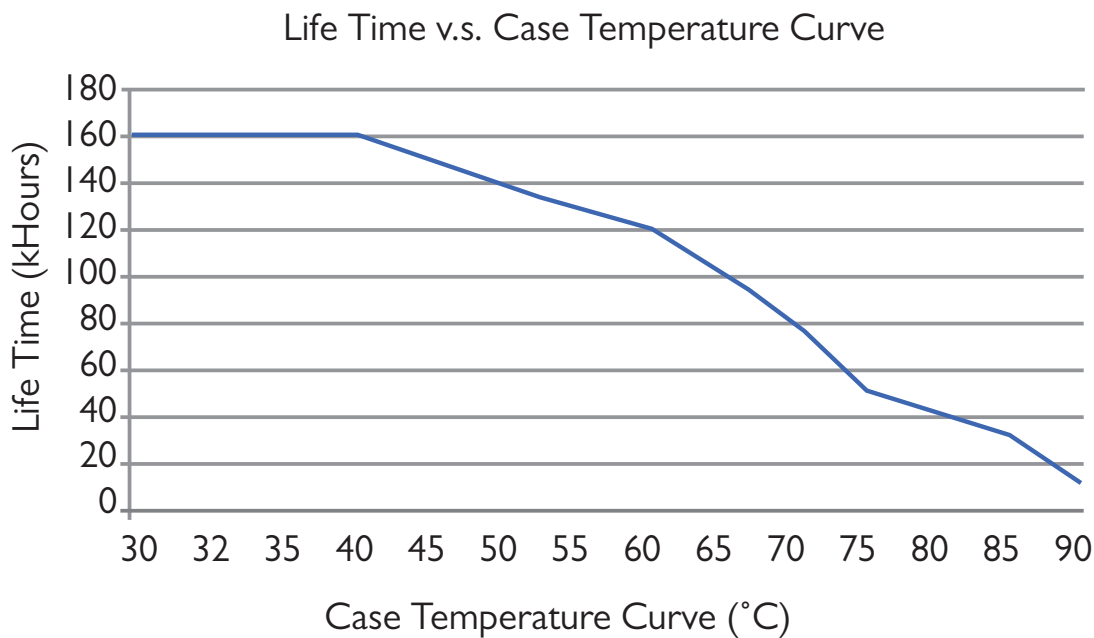


*AC Electronics/AC LED Power Designs warrants to the purchaser that each LED Driver will be free from defects in material or workmanship for a period of 5 years when operated at max case temp of up to <75°C; 3 years from date of manufacture when operated at a max case temp of up to 90°C when properly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

For questions or to place an order contact us at oemsales@aceleds.com or 800-375-6355 or your local WPG American Sales representative at inquiry@wpgamericas.com or 888-WPG8881

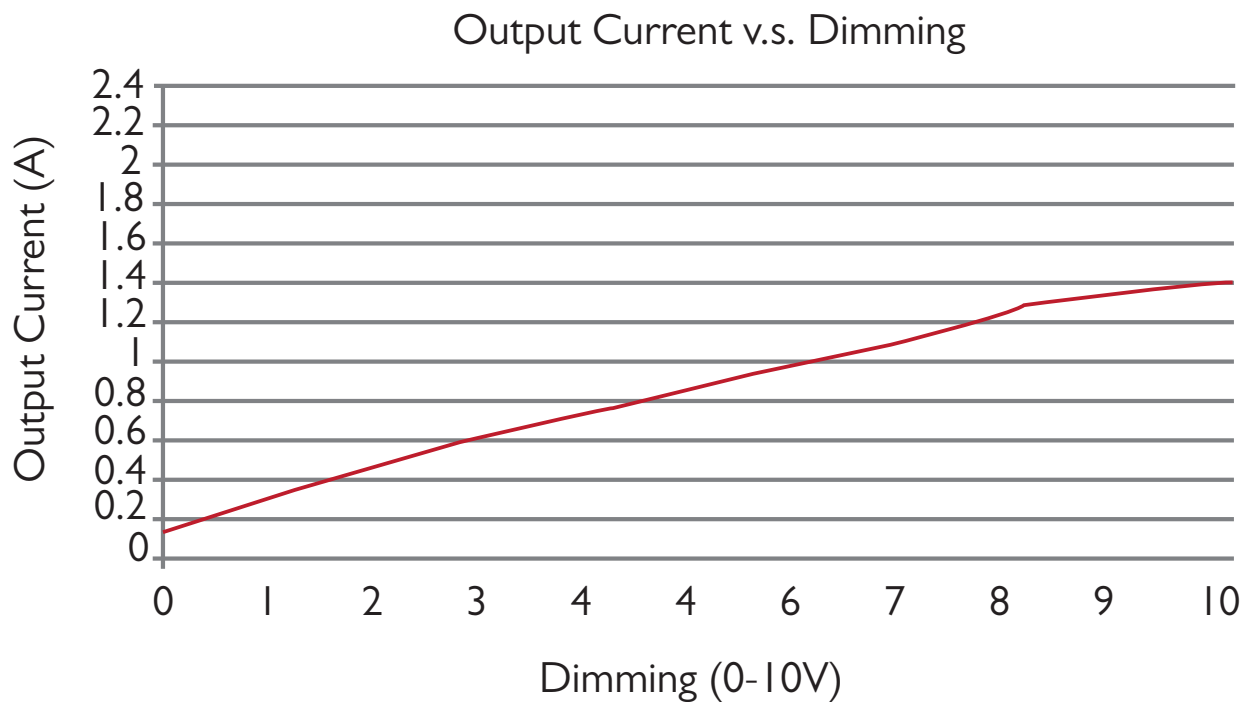
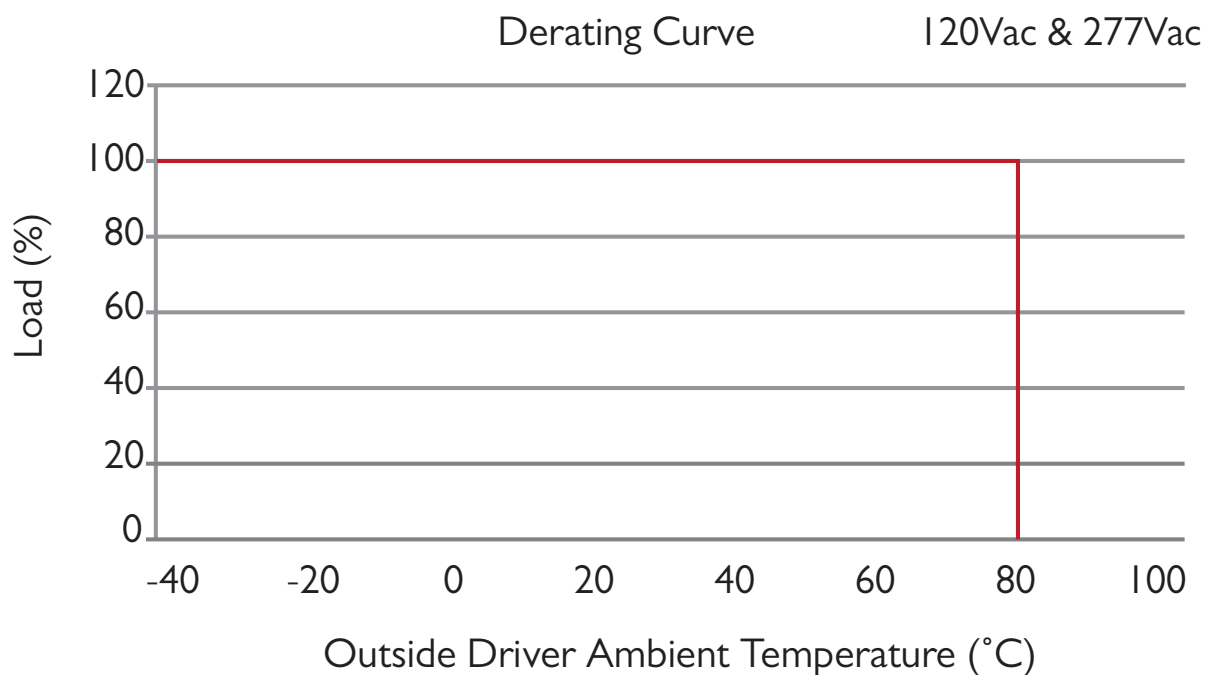


CONTROL THE IOUT WITH THE PROGRAMMING WAND. DOWNLOAD SOFTWARE FROM <http://www.aceleds.com/programmable.php>



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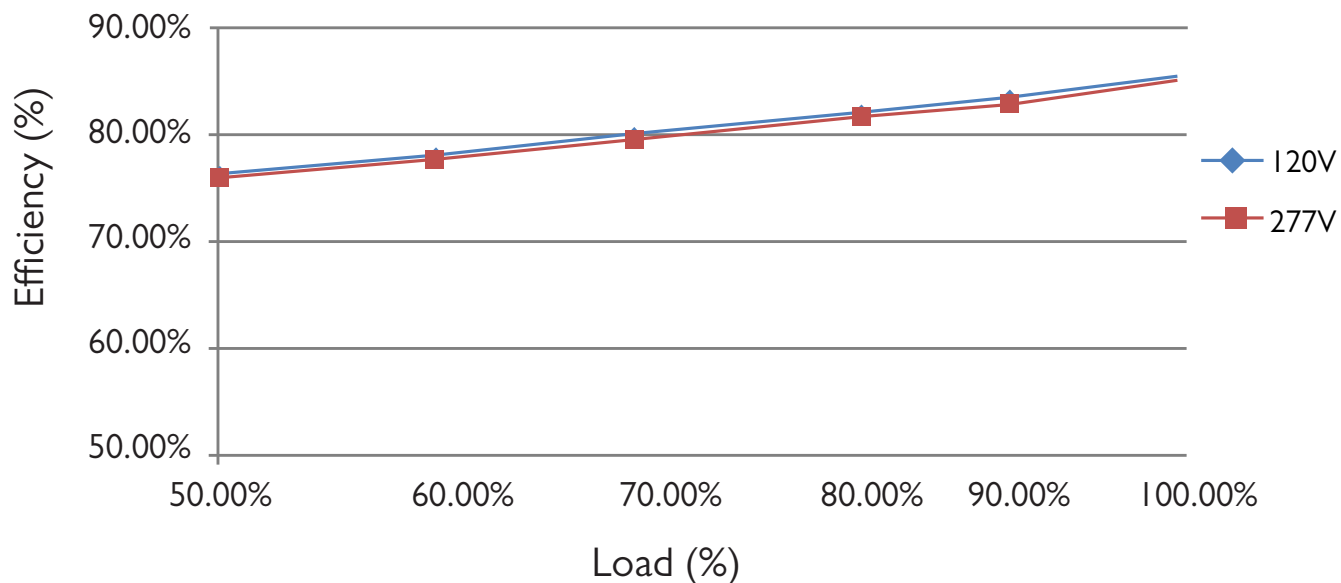
PERFORMANCE CHARACTERISTICS



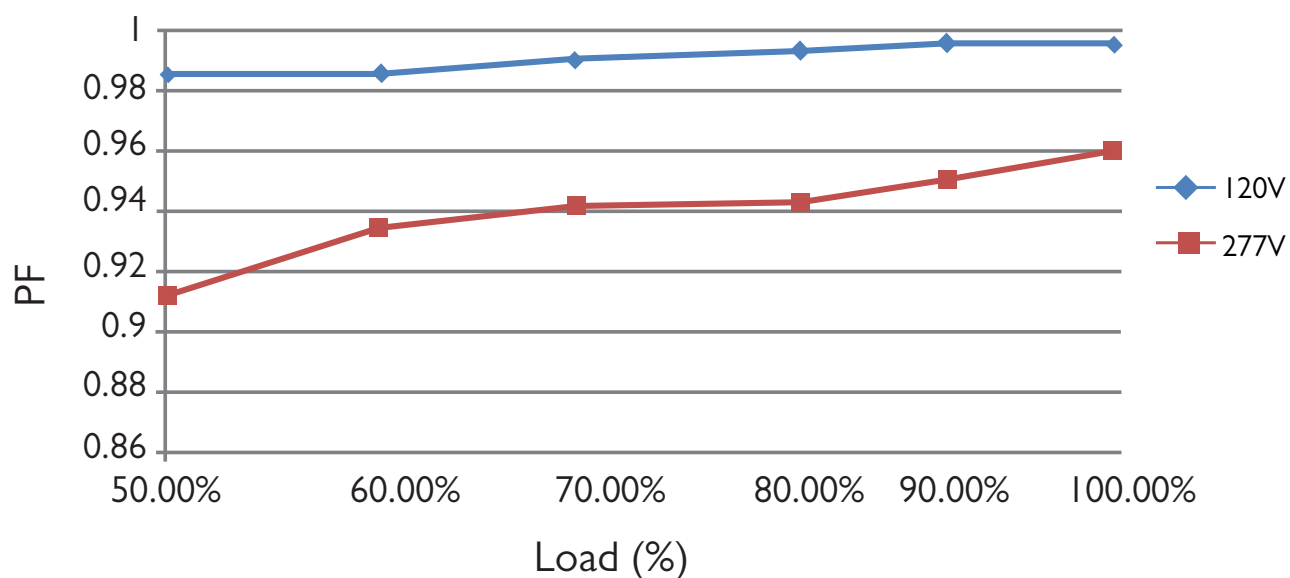
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PERFORMANCE CHARACTERISTICS

Efficiency v.s. Load



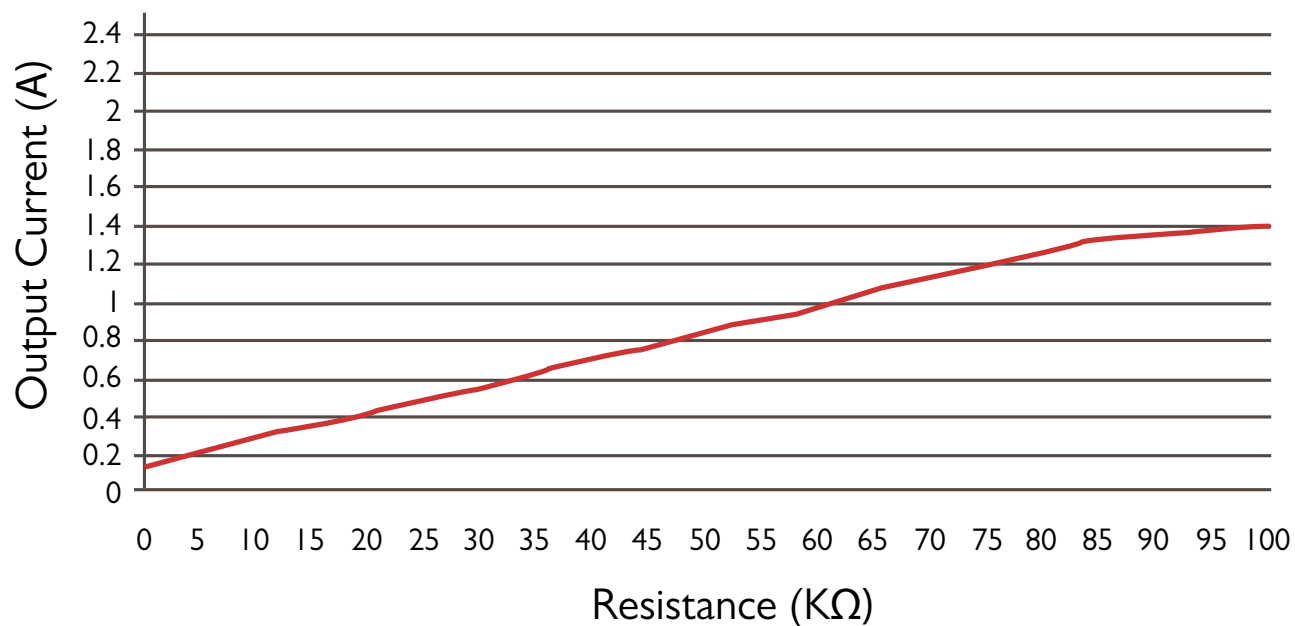
Power Factor v.s. Load



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PERFORMANCE CHARACTERISTICS

Output Current v.s. Resistance



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