

# PRELIMINARY SPEC



Constant Current LED Driver

**Model Number  
AC-60CDI.4AP4J**

Input Voltage: 120 - 277V

Input Frequency: 50/60Hz

Side Mount/Leads

Dim-to-Off (Optional) @ Max Current

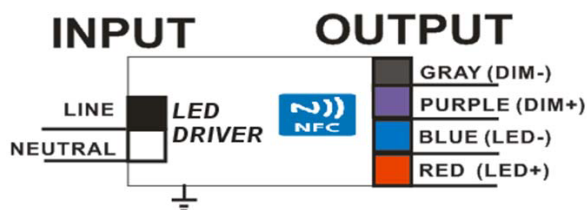
**PROGRAMMABLE,  
DIGITAL, WIDE-RANGE  
AJUSTABLE CURRENT & DIMMING  
TYPE TL RATED**

## Electrical Specifications

Output Power Max. (W)	Output Voltage (V)	Output Current (A)	Min. Start Temp (°F/°C)	Tcase Temp. Max. (°F/°C)	Input Current (A)	Input Power (W)	THD Max. (%)	IP Rating	Power Factor Min.	Typical Efficiency (%)
60	27-55	700mA - 1400mA	32/0	194/90	0.6@120V 0.26@277V	70	<20	64	>0.9	86

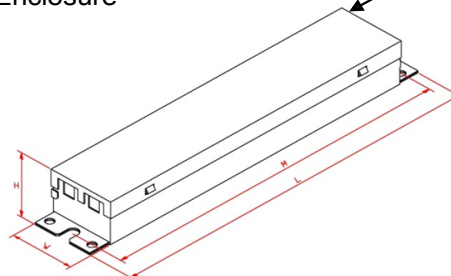
Dimming Protocol 0 to 10V - Dimming Range 1 to 100%

Wiring Diagram



Sensor Area

Enclosure



	in.	cm.
Black	5.9	15
White	5.9	15
Blue	5.9	15
Red	5.9	15
Purple	7.1	18
Gray	7.1	18

Overall (L)	Width (W)	Height (H)	Mounting (M)
24.1cm	4.3cm	2.9cm	22.6cm
9.5"	1.7"	1.14"	8.9"

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

## SAFETY:

- Type HL Rated
- Class A sound rating
- Overload Protection
- 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](http://aceleds.com) for complete warranty policy.

3401 Avenue D, Arlington, TX 76011 • 800-375-6355 • [www.aceleds.com](http://www.aceleds.com)

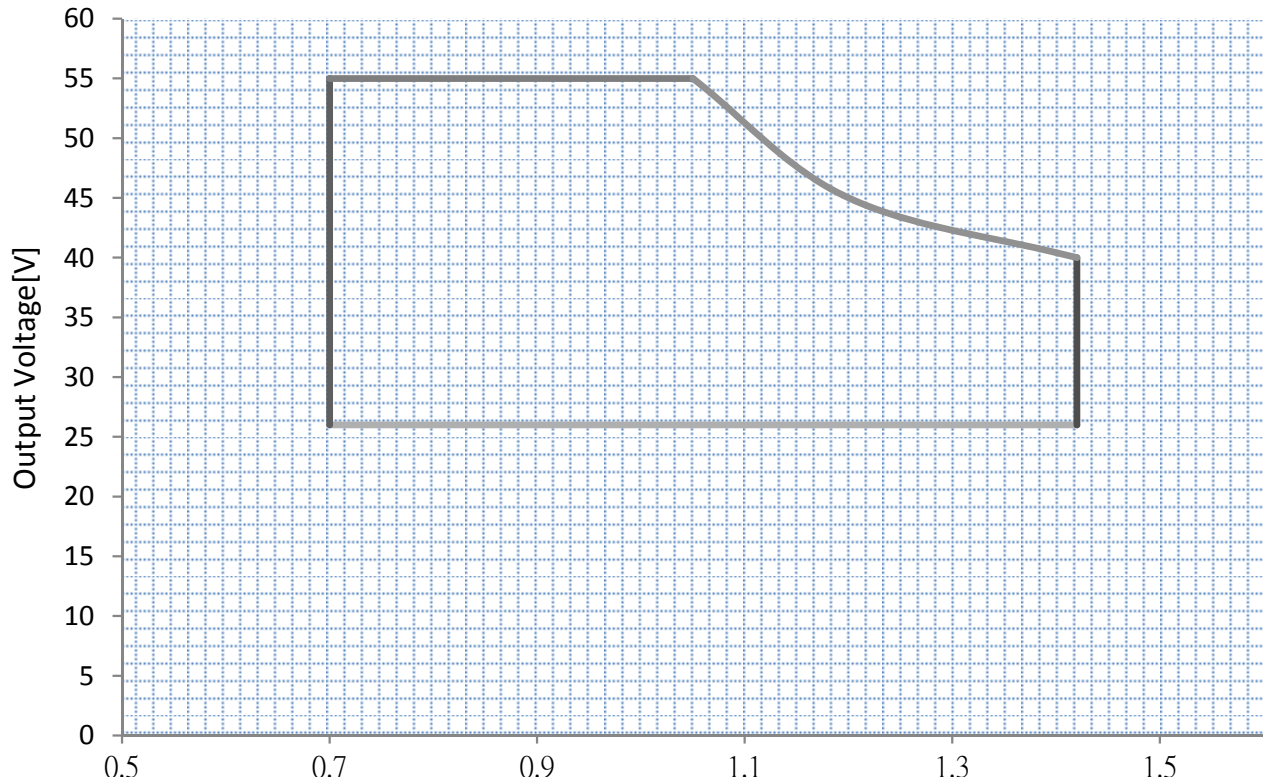
Data is based upon tests performed by AC Electronics in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.





**IOUT/VOUT CURVE**

Use with NFC-V Reader App Available Free at Google App Store



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

**Phone Instructions**

First you must have a Android device (phone/tablet) with NFC-V app downloaded.

Open App; then place the device on top of the driver matching up sensors until it syncs up

Basic format

Write

Insert the appropriate code from chart above

Write

Successfully written will appear

To Check: Read

Read

Shows you the Block - 00 00 00 00

This is where the code you input appears