



**TRIAC-DIMMING**  
COMPATIBLE WITH BOTH LEADING EDGE  
AND TRAILING EDGE DIMMERS

## Constant Current LED Driver

**Model Number**  
**AC-35CT700APT**

Input Voltage: 120V

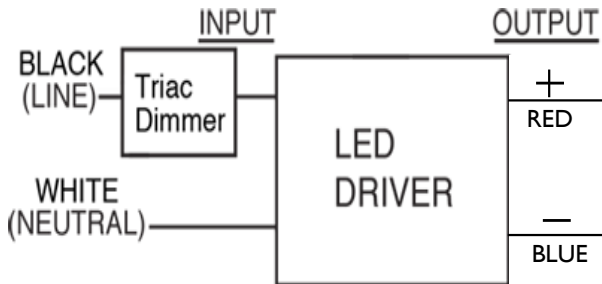
Input Frequency: 50/60Hz

Side Mount/Leads

### ELECTRICAL SPECIFICATIONS:

Output Power	Input Current	Input Power	Min PF (full load)	Max THD (full load)	Output Voltage	Output Current	T case Max	Min Starting Temp	Efficiency Up To	Dimming Protocol	TRIAC Dimming
35W	0.35A@120V	42W	>0.90	<20	35-50V	700mA +/- 5%	75°C	0°C	83%	120Vac Norm with Dimmer	100 to 1%

### WIRING:

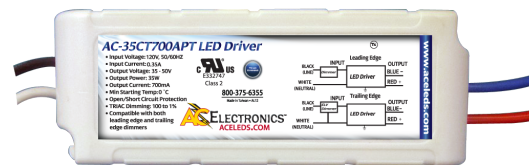


#### Lead Lengths

Black	5.9"	Blue	5.9"
White	5.9"	Red	5.9"

Dimmer Compatibility Chart on Back

### PHYSICAL:



#### Dimensions

Length (L)	4.33"
Width (W)	1.77"
Height (H)	1.1"
Mounting (M)	4.1"

### SAFETY:

- UL and cUL Recognized, Class 2
- UL Outdoor Type I
- Class A sound rating
- Overload Protection
- Approved Dimmers:
- Open/Short Circuit Protection
- LED driver has a life expectancy of 50,000 hours at Tcase of  $\leq 75^{\circ}\text{C}$
- LED driver has a life expectancy of 100,000 hours at Tcase of  $\leq 65^{\circ}\text{C}$
- Warranty: 5 yrs based on max case temp of  $< 75^{\circ}\text{C}$ ;
- Input/Output Isolation
- FCC Title 47 CFR Part 15
- Surge Protection (2 KV)

### INSTALLATION:

- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105C tinned strand copper lead-wires are required to use in 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  $< 75^{\circ}\text{C}$ ; when properly installed and under normal conditions of use. See [aceleds.com](http://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.



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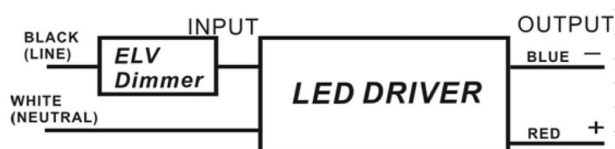
## Dimmer Compatibility

Manufacturer	Dimming Type	AC-35CT700APT
Lutron/Skylark SF-103P	LEADING	YES
Lutron/Skylark S600P	LEADING	NO
Lutron/Skylark DV-103P	LEADING	NO
Lutron/NTLV-600	LEADING	YES
Lutron/DVPDC-203P	LEADING	YES
Lutron/DVCL-153P	LEADING	YES
Leviton/IPI06	LEADING	YES
Leviton/6633-P	LEADING	YES
Leviton/6615-P	TRAILING	NO
Leviton/6684	LEADING	NO
Leviton/6613-P	LEADING	YES
Leviton/RPI06	LEADING	NO
Leviton/6674	LEADING	YES

## WORKS WITH LEADING EDGE DIMMERS

### WIRING DIAGRAM

#### Leading Edge Dimmer



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