



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

Constant Current LED Driver

Model Number
AC-I8CT500ASX

Input Voltage: 120V

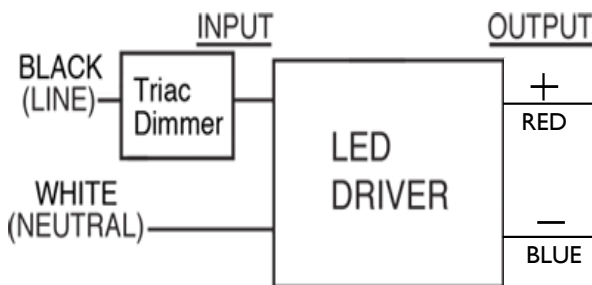
Input Frequency: 50/60Hz

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
18W	0.18A@120V	22W	>0.90	<20	25-36V	500mA +/- 5%	75°C	0°C	83%	120Vac Norm with Dimmer	100 to 1%

WIRING:

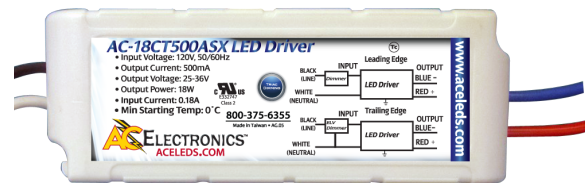


Lead Lengths

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

Dimmer Compatibility Chart on Back

PHYSICAL:



Dimensions

Length (L)	3.86"
Width (W)	1.46"
Height (H)	1.06"
Mounting (M)	3.7"

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 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.

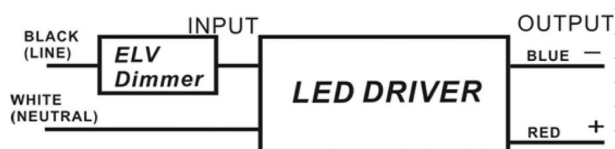


Dimmer Compatibility		
Manufacturer	Dimming Type	AC-I8CT500ASX
Lutron/Skylark SF-I03P	LEADING	YES
Lutron/Skylark S600P	LEADING	YES
Lutron/Skylark DV-I03P	LEADING	NO
Lutron/NTLV-600	LEADING	NO
Lutron/DVPDC-203P	LEADING	YES
Lutron/DVCL-I53P	LEADING	YES
Leviton/IPI06	LEADING	YES
Leviton/6633-P	LEADING	YES
Leviton/6615-P	TRAILING	YES
Leviton/6684	LEADING	NO
Leviton/6613-P	LEADING	YES
Leviton/RPI06	LEADING	YES
Leviton/6674	LEADING	YES

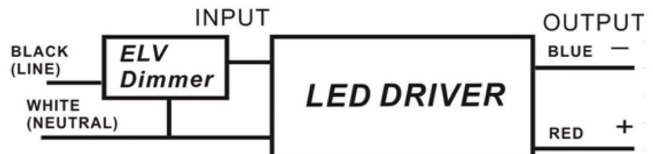
WORKS WITH LEADING EDGE AND TRAILING DIMMERS

WIRING DIAGRAM

Leading Edge Dimmer



Trailing Edge Dimmer



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