



Constant Current LED Driver

Model Number

AC-12C700H

Input Voltage: 120-277V

Input Frequency: 50/60Hz

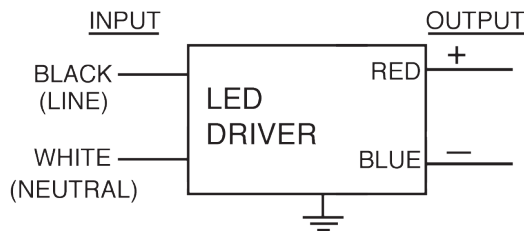
Side Mount/Leads Options

Max Output Power: 12W

ELECTRICAL SPECIFICATIONS:

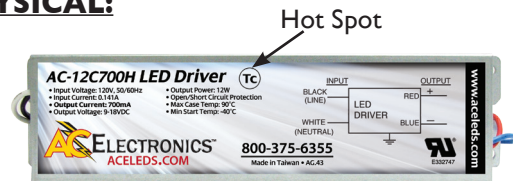
| Output Power | Input Power | Input Current | Min PF (full load) | Max THD (full load) | Output Voltage | Output Current | T case Max | Minimum Starting Temp | Efficiency Up To |
|--------------|-------------|---------------|--------------------|---------------------|----------------|----------------|------------|-----------------------|------------------|
| 12W | 15W | 0.141A @ 120V | 0.98 | 10% | 9 to 18V | 700mA±5% | 90° C | -40° C | 78% |

WIRING:



| Wiring Lead Lengths | |
|---------------------|------|
| White | 5.9" |
| Black | 5.9" |
| Red | 5.9" |
| Blue | 5.9" |

PHYSICAL:



Dimensions

| | |
|-----------------|-----------|
| Length | 5.35" |
| Width | 1.34" |
| Height | 0.98" |
| Mounting Length | 5.16" |
| Hole Diameter | 0.197" |
| Weight | 0.57 lbs. |
| Case Qty. | 70 pcs. |

SAFETY:

- UL certified
- UL1310 Class 2
- UL Outdoor Type I
- 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 (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



*A.C.E. 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 www.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.