

AC ELECTRONICS



DIMMING

DIODESHIELD™

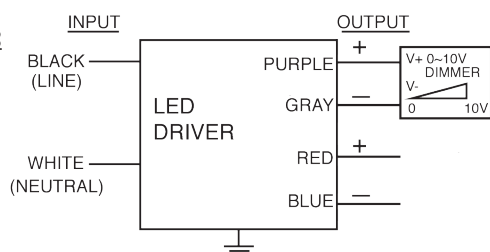
Model Number AC-7ICD700UVH and AC-7ICD700UVHN

Type: Constant Current LED Driver
Max Output Power: 71W

ELECTRICAL SPECIFICATIONS:

Input Voltages	Input Current	Minimum PF (full load)	Max. THD (full load)	Output Voltage	Output Current	T case Maximum	Minimum Starting Temp.	Efficiency Up To	Dimming Protocol	Dimming Range	IP Rating
120 to 277V 50/60Hz	0.7A @ 120V 0.3A @ 277V	0.98	20%	90 to 112V	700mA±5%	90° C	-30° C	85%	0 to 10V	10 to 100%	IP66

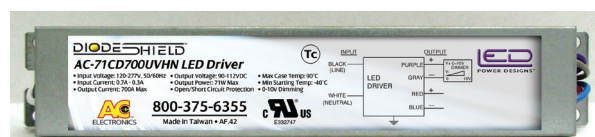
WIRING:



Wiring Lead Lengths

White	5.9"
Black	5.9"
Red	5.9"
Blue	5.9"
Gray	5.9"
Purple	5.9"

PHYSICAL:



Dimensions

Length	9.5"
Width	2.4"
Height	1.5"
Mounting Length	8.9"
Weight	1.78 lbs.
Case Qty.	20 pcs.

OPTION: AC-7ICD700UVHN - Compatible with digital sensor

SAFETY & PERFORMANCE:

- UL certified
- cUL certified
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- 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.ace-ballast.com for complete warranty policy.

Administration & Distribution Center: 3401 Avenue D, Arlington, TX 76011
1-800-375-6355 • www.ace-ballast.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.

