

### Constant Current LED Driver

# Model Number AC-Q40CD700ATFX and ACQ40CD700ABTFX

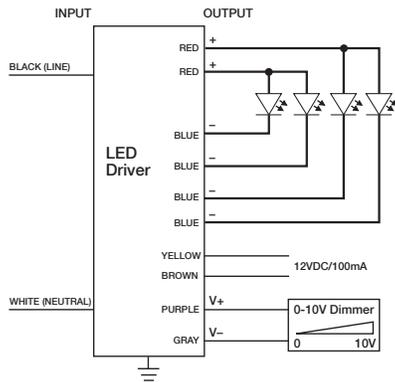
Input Voltage: 120-277V  
 Input Frequency: 50/60Hz  
 Side and Bottom Mount/Leads



### ELECTRICAL SPECIFICATIONS:

Output Power Max	Input Current	Output Current	Output Voltage	Min PF (full load)	Max THD (full load)	T case Max	Min Starting Temp	IP Rating	Efficiency Up To	Dimming Protocol	Dimming Range
160W	1.56A @ 120V 0.68A @ 277V	700mA±5%	34-57V	>0.9	<20%	90° C	-40° C	66	85%	0 to 10V	10 to 100%

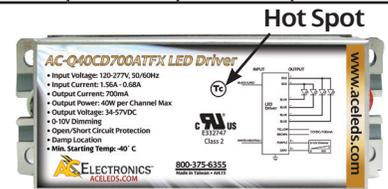
### WIRING:



Lead Lengths	Brown	5.9"	Yellow	5.9"	
Black	5.9"	Blue	5.9"	Gray	5.9"
White	5.9"	Red	5.9"	Purple	5.9"

### PHYSICAL:

Side Mount Option  
 Model Number:  
 AC-Q40CD700ATFX



Bottom Mount Option  
 Model Number:  
 ACQ40CD700ABTFX



Dimensions	Length	9.49"	Width	3.74"	Height	1.77"
Weight	xx	Case Qty.	xx	Mounting	8.9"	

### SAFETY & PERFORMANCE:

- UL Class 2
- UL and cUL Recognized
- 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 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.



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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.

