

MULTI-CURRENT SWITCHING AND DIMMING

Switch-Hitter™

Constant Current LED Driver

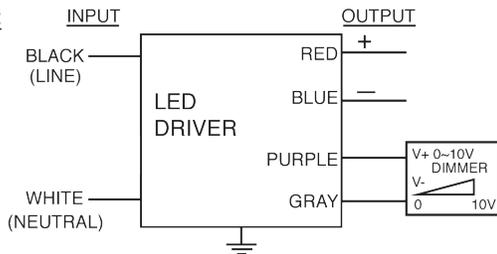
**Model Number
AC40CD950UVBMQS**

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

ELECTRICAL SPECIFICATIONS:

Output Power Max.	Input Power	Input Current	Minimum PF (full load)	Max. THD (full load)	Output Voltage	Output Current	T case Max.	Min Start Temp.	Efficiency Up To	IP Rating	Dimming Protocol	Dimming Range
40W	48W @ 120V 47W @ 277V	0.4A @ 120V 0.17A @ 277V	>0.95	<20%	28-42V	950mA±5%	90° C	-40° C	83%	64	0 to 10V	10 to 100%
30W	39W @ 120V 38W @ 277V	0.33A @ 120V 0.14A @ 277V	>0.95	<20%	28-42V	700mA±5%	90° C	-40° C	82%	64	0 to 10V	10 to 100%
23W	29W @ 120V 28W @ 277V	0.26A @ 120V 0.11A @ 277V	>0.95	<20%	28-42V	550mA±5%	90° C	-40° C	80%	64	0 to 10V	10 to 100%
18W	23W @ 120V 22W @ 277V	0.2A @ 120V 0.09A @ 277V	>0.95	<20%	28-42V	450mA±5%	90° C	-40° C	80%	64	0 to 10V	10 to 100%

WIRING:



Lead Lengths

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

PHYSICAL:



Dimensions

Length	5.3"	Weight	.88 lbs.
Width	2.95"	Case Qty.	30 pcs.
Height	1.18"		

SAFETY & PERFORMANCE:

- UL Recognized US
- cUL LVLE
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- IP64
- 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 (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 for complete warranty policy.



3401 Avenue D, Arlington, TX 76011 • 800-375-6355 • www.aceleds.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.

