



Model Number AC-AI50VD36H4.2

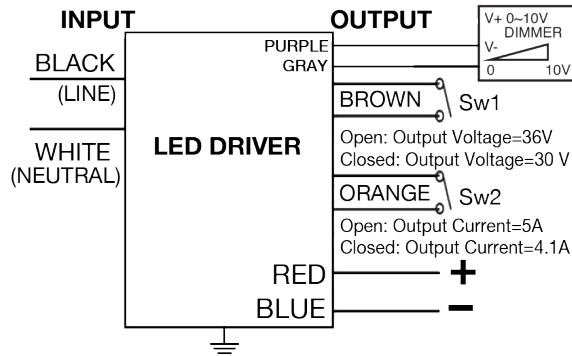
Type: Constant Voltage LED Driver
 Input Voltage: 120-277V
 Input Frequency: 50/60Hz



ELECTRICAL SPECIFICATIONS:

Output Power Max	Input Current	Input Power	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
50W	1.48A @ 120V 0.62A @ 277V	172	>0.95	<20%	36V ±5%	4.2A	90° C	-40° C	89%	0 to 10V	5 to 100%	IP66
50W	1.48A @ 120V 0.62A @ 277V	172	>0.95	<20%	30V ±5%	5A	90° C	-40° C	89%	0 to 10V	5 to 100%	IP66

WIRING:



Wiring Lead Lengths							
White	5.9"	Red	5.9"	Brown	3.94"	Gray	9.8"
Black	5.9"	Blue	5.9"	Orange	3.94"	Purple	9.8"

PHYSICAL:



Dimensions	
Length	9.5"
Width	2.4"
Height	1.6"
Mounting Length	8.9"
Weight	2.08 lbs.
Case Qty.	XX pcs.

SAFETY:

- UL and cUL Recognized
- 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.ace-ballast.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.