Constant Voltage LED Driver
Model Number
AC-100VD24AB4RU

ACELEDS.COM

DIMMING

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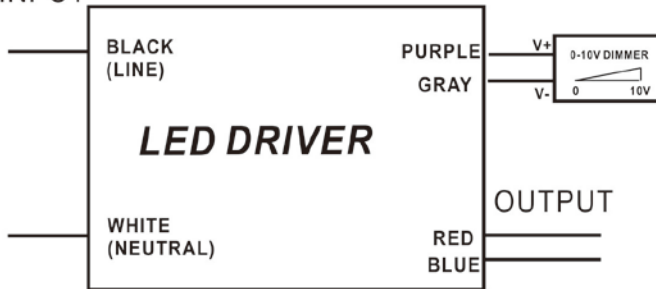Input Frequency: 50/60Hz
Side Mount/Leads

ELECTRICAL SPECIFICATIONS:

Output Power	Input Current	Input Power	Min PF (full load)	Max THD (full load)	Output Voltage	Output Current	T case Max	Min Starting Temp	Dimming Method	Dimming Range	Efficiency Up To
100W	0.98A@120V 0.42A@277V	117W	>0.95	<10	24V +/- 5%	410mA - 4100mA	90°C	-40°C	0-10V	10-100%	88%

WIRING:

Output Range	10-100W

INPUT

BLACK (LINE)

PURPLE
GRAY

V+
0-10V DIMMER
V-
0   10V

LED DRIVER

WHITE (NEUTRAL)

OUTPUT

RED
BLUE

Lead Lengths

Black	5.9"	Blue	5.9"	Purple	9.8"
White	5.9"	Red	5.9"	Gray	9.8"

PHYSICAL:

Dimensions

Length	9.5"
Width	2.4"
Height	1.46"
Mounting Length	8.9"

SAFETY:

- UL and cUL Listed [5GH6]
- UL Outdoor Type 1
- UL Class 2
- 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 (6 KV)

INSTALLATION:

- IP 66 Harsh Waterproof
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded
- 18 AWG 600V/105C tinned stranded copper lead-wires are required for installation

5GH6

*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.

IP66 HARSH

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.

RoHS COMPLIANT LEAD-FREE