

**Dimming**

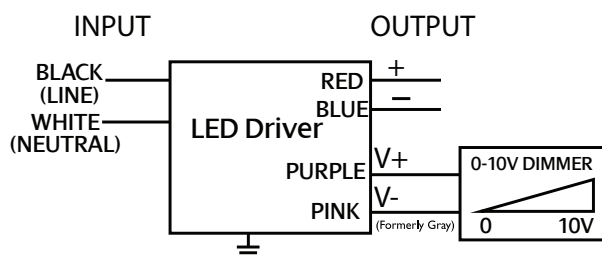
**Model Number  
AC-A100VD24H4.1**

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

**ELECTRICAL SPECIFICATIONS:**

Output Power	Input Current	Minimum PF (full load)	Max. THD (full load)	Output Voltage	Output Current	Input Power	T case Maximum	Minimum Starting Temp.	IP Rating	Efficiency $\geq$	Dimming Protocol	Dimming Range
100W	0.98A @ 120V 0.42A @ 277V	>0.90	<20%	24V $\pm$ 5%	410mA to 4100mA	111W	90° C	-40° C	65	90%	0 to 10V	10 to 100%

**WIRING:**



**Note:** Gray (-) dimming wire has been changed to pink per the 2020 NEC section 410.69 and NEMA.

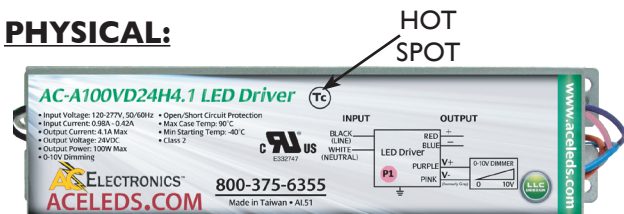
**Lead Lengths**

Black	5.9"	Blue	5.9"	Purple	7.1"
White	5.9"	Red	5.9"	Pink	7.1"

**Remote Mounting (Max)**

10AWG	47m (154.2')
12AWG	30m (98.4')
14AWG	19m (62.3')
16AWG	14m (45.9')
18AWG	8m (26.2')

**PHYSICAL:**



**Dimensions**

Length	9.5"
Width	2.4"
Height	1.46"
Mounting Length	8.9"
Mounting Hole Distance	1.5"
Mounting Hole Diameter	.20"
Weight	1.98 lbs.
Case Qty.	20 pcs.

**Recommended Dimmers**  
LUTRON NIFTY-WH • HUNT PS-010  
LEVITON DS710-10Z • LEVITON IP710-DL

**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  $\leq 75^{\circ}\text{C}$
- LED driver has a life expectancy of 100,000 hours at Tcase of  $\leq 65^{\circ}\text{C}$
- Warranty: 5 yrs based on max case temp of  $< 75^{\circ}\text{C}$ \* 3 yrs based on max case temp of  $75^{\circ}\text{C} \leq$  to  $\geq 90^{\circ}\text{C}$
- Input/Output Isolation
- FCC Title 47 CFR Part 15
- Surge Protection (3 KV)
- Gray (-) dimming wire has been changed to pink per the 2020 NEC section 410.69 and NEMA.

**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  $< 75^{\circ}\text{C}$ ; 3 years from date of manufacture when operated at a max case temp of up to  $90^{\circ}\text{C}$  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.

