AC ELECTRONICS™
ACELEDS.COM

DIMMING

Constant Voltage LED Driver

# Model Number AC-A150VD36H4.2

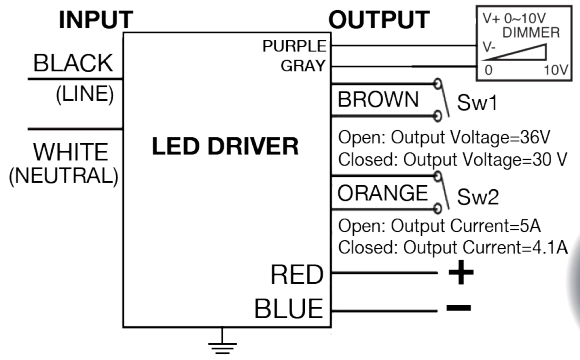
Input Voltage: 120-277V
Input Frequency: 50/60Hz
Side Mount/Leads

New Improved High Efficiency

## ELECTRICAL SPECIFICATIONS:

| Output Power Max | Input Current | Input Power | Minimum PF (full load) | Max. THD (full load) | Output Voltage | Output Current | T case Maxi-mum | Minimum Starting Temp. | Efficiency ≥ | Dimming Protocol | Dimming Range | IP Rating |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 150W | 1.48A @ 120V<br>0.62A @ 277V | 163 | >0.95 | <20% | 36V ±5% | 4200mA ±10% | 90° C | -40° C | 92% | 0 to 10V | 10 to 100% | IP66 |
| 150W | 1.48A @ 120V<br>0.62A @ 277V | 163 | >0.95 | <20% | 30V ±5% | 5000mA ±5% | 90° C | -40° C | 92% | 0 to 10V | 10 to 100% | IP66 |

## WIRING:




| Wiring Lead Lengths | | | | | | | |
|---|---|---|---|---|---|---|---|
| White | 5.9" | Red | 5.9" | Brown | 5.9" | Gray | 5.9" |
| Black | 5.9" | Blue | 5.9" | Orange | 5.9" | Purple | 5.9" |

## PHYSICAL:


| Dimensions | |
|---|---|
| Length | 9.5" |
| Width | 2.4" |
| Height | 1.6" |
| Mounting Length | 8.9" |
| Weight | 2.64 lbs. |
| Case Qty. | 20 pcs. |

## SAFETY:

- UL Recognized
- cUL Recognized
- UL Outdoor Type 1
- 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 (2.5 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.**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