

Constant Voltage LED Driver

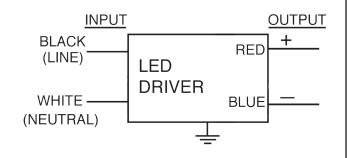
Model Number AC-150V36AEA

Input Voltage: I20-277V Input Frequency: 50/60Hz Side Mount/Leads

ELECTRICAL SPECIFICATIONS:

| Output Power Max. | Input Current | Input Power | Minimum PF (full load) | Max. THD (full load) | Output Voltage | Output Current | T case Max. | Minimum Starting Temp. | Efficiency Up To | Surge Protection | IP Rating |
|-------------------------|------------------------------|----------------|------------------------------|----------------------------|-------------------|--------------------|----------------|------------------------------|---------------------|---------------------|-----------|
| 150W | 1.48A @ 120V 0.62A @ 277V | 172W | >0.95 | <20% | 36V ±5% | 2200mA - 4200mA | 90° C | -40° C | 89% | 2 KV | 66 |

WIRING:



| Lead Lengths | | | | | | | |
|--------------|------|------|------|--|--|--|--|
| Black | 5.9" | Blue | 5.9" | | | | |
| White | 5.9" | Red | 5.9" | | | | |

PHYSICAL:



| Dimensions | | | | | |
|-----------------|-----------|--|--|--|--|
| Length | 9.5" | | | | |
| Width | 2.4" | | | | |
| Height | 1.6" | | | | |
| Mounting Length | 8.9" | | | | |
| Weight | 2.43 lbs. | | | | |
| Case Qty. | 20 pcs. | | | | |

SAFETY:

- UL Recognized
- cUL Recognized
- 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 (6 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 <u>aceleds.com</u> 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.

