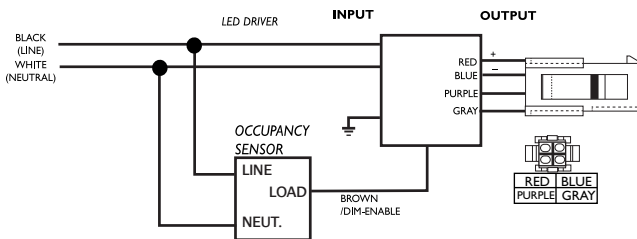



**ELECTRICAL SPECIFICATIONS:**

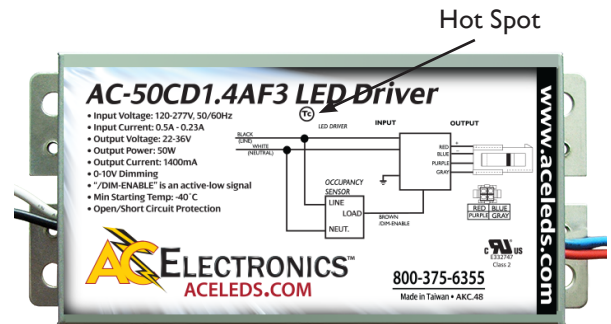
| Output Power Max | Input Power | Input Current           | Min PF (full load) | Max THD (full load) | Output Voltage | Output Current   | T case Max | Min Starting Temp | Efficiency Up To | IP Rating | Dimming Protocol | Dimming Range |
|------------------|-------------|-------------------------|--------------------|---------------------|----------------|------------------|------------|-------------------|------------------|-----------|------------------|---------------|
| 50W              | 58W         | 0.5A@120V<br>0.23A@277V | >0.9               | <20                 | 22-36V         | 1400mA<br>+/- 5% | 90°C       | -40°C             | 86%              | 66        | 0 to 10V         | 10 to 100%    |

**WIRING:**


- "/DIM-ENABLE" is an active-low signal.
- 0 VAC-dimming function enabled
  - 120-277VAC - dimming function disabled

**Lead Lengths**

|       |    |      |    |        |    |       |
|-------|----|------|----|--------|----|-------|
| Black | 8" | Blue | 8" | Purple | 8" | Brown |
| White | 8" | Red  | 8" | Gray   | 8" | 8"    |

**PHYSICAL:**

**Dimensions**

|        |      |                 |       |
|--------|------|-----------------|-------|
| Length | 6.5" | Height          | 1.18" |
| Width  | 2.9" | Mounting Length | 5.9"  |

**SAFETY:**

- UL and cUL Recognized
- UL Outdoor Type I
- Class A sound rating
- Overload Protection
- Class 2
- 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 (4 KV)

**INSTALLATION:**

- IP 66 Harsh Weatherproof
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded
- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105C tinned stranded copper lead-wires are required for installation



\*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](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.

