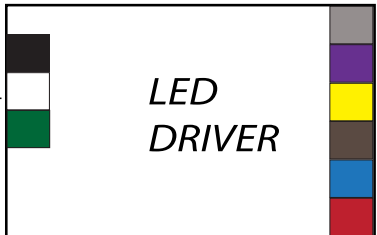



**ELECTRICAL SPECIFICATIONS:**

| 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 | Dimming Protocol | Dimming Range |
|------------------|-------------|--------------------------|--------------------|---------------------|----------------|------------------|------------|-------------------|------------------|------------------|---------------|
| 40W              | 48W         | 0.04A@120V<br>0.18A@277V | >0.9               | <20                 | 15-27V         | 1500mA<br>+/- 5% | 90°C       | -40°C             | 83%              | 0 to 10V         | 0 to 100%     |

**WIRING:**
**INPUT**

 LINE  
 NEUTRAL  
 GROUND

**OUTPUT**

 (GRAY) DIM-  
 (PURPLE) DIM+  
 YELLOW (12V DC  
 BROWN 100mA)  
 (BLUE) LED-  
 (RED) LED+

**PHYSICAL:**

**Dimensions**

|        |       |                 |       |
|--------|-------|-----------------|-------|
| Length | 12.4" | Height          | 1.08" |
| Width  | 1.3"  | Mounting Length | 11.8" |

**SAFETY:**

- UL and 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 (3 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.

