



**Switch-Hitter™**

**Model Number**

**AC-40CDI.4UV-QS**

Type: Constant Current LED Driver

Input Voltage: 120-277V

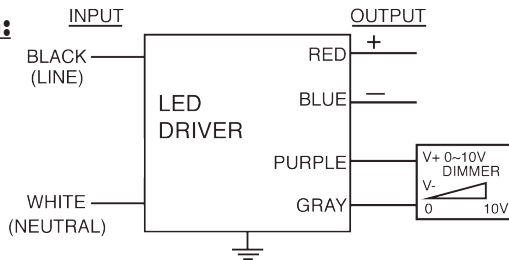
Input Frequency: 50/60Hz

**MULTI-CURRENT SWITCHING AND DIMMING**

**ELECTRICAL SPECIFICATIONS:**

| Output Power Max. | Input Power              | Input Current                | Minimum PF (full load) | Max. THD (full load) | Output Voltage | Output Current | T case Max. | Minimum Starting Temp. | Efficiency Up To | Dimming Protocol | Dimming Range |
|-------------------|--------------------------|------------------------------|------------------------|----------------------|----------------|----------------|-------------|------------------------|------------------|------------------|---------------|
| 40W               | 48W @ 120V<br>47W @ 277V | 0.4A @ 120V<br>0.18A @ 277V  | >0.95                  | <20%                 | 22-29V         | 1400mA±5%      | 90° C       | -40° C                 | 84%              | 0 to 10V         | 10 to 100%    |
| 36W               | 42W @ 120V<br>42W @ 277V | 0.35A @ 120V<br>0.16A @ 277V | >0.95                  | <20%                 | 22-29V         | 1250mA±5%      | 90° C       | -40° C                 | 84%              | 0 to 10V         | 10 to 100%    |
| 30W               | 34W @ 120V<br>35W @ 277V | 0.29A @ 120V<br>0.14A @ 277V | >0.95                  | <20%                 | 22-29V         | 1050mA±5%      | 90° C       | -40° C                 | 84%              | 0 to 10V         | 10 to 100%    |
| 20W               | 22W @ 120V<br>23W @ 277V | 0.18A @ 120V<br>0.09A @ 277V | >0.95                  | <20%                 | 22-29V         | 700mA±5%       | 90° C       | -40° C                 | 82%              | 0 to 10V         | 10 to 100%    |

**WIRING:**



**PHYSICAL:**



**Lead Lengths**

|       |      |      |      |        |      |
|-------|------|------|------|--------|------|
| Black | 5.9" | Blue | 5.9" | Purple | 5.9" |
| White | 5.9" | Red  | 5.9" | Gray   | 5.9" |

**Dimensions**

|        |       |                 |           |
|--------|-------|-----------------|-----------|
| Length | 6.5"  | Mounting Length | 5.9"      |
| Width  | 2.9"  | Weight          | 0.83 lbs. |
| Height | 1.18" | Case Qty.       | 40 pcs.   |

**SAFETY & PERFORMANCE:**

- UL and cUL Class 2
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- IP66
- 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 KV)

**INSTALLATION:**

- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105C tinned strand copper lead-wires are required to use in installation
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded



\*A.C.E. 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 www.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.