AC ELECTRONICS™
ACELEDS.COM

Switch-Hitter™

Constant Current LED Driver

✓ MULTI-CURRENT SWITCHING & DIMMING

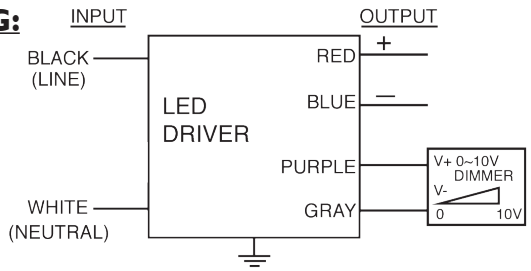
# Model Number AC32CD1.05AQBAW

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

## ELECTRICAL SPECIFICATIONS:

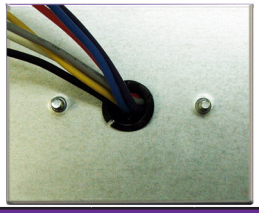
| Output Power Max. | Input Power | Input Current | Min. PF (full load) | Max. THD (full load) | Output Voltage | Output Current | T case Max. | Min. Starting Temp. | Efficiency Up To | IP Rating | Dimming Protocol | Dimming Range |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32W | 38W | 0.32A @ 120V<br>0.14A @ 277V | >0.90 | <20% | 10-30V | 1050mA±5% | 90° C | -40° C | 84% | 66 | 0 to 10V | 10 to 100% |
| 29W | 35W | 0.3A @ 120V<br>0.13A @ 277V | >0.90 | <20% | 10-30V | 950mA±5% | 90° C | -40° C | 83% | 66 | 0 to 10V | 10 to 100% |
| 21W | 26W | 0.22A @ 120V<br>0.1A @ 277V | >0.90 | <20% | 10-30V | 700mA±5% | 90° C | -40° C | 82% | 66 | 0 to 10V | 10 to 100% |
| 15W | 19W | 0.16A @ 120V<br>0.07A @ 277V | >0.90 | <20% | 10-30V | 500mA±5% | 90° C | -40° C | 82% | 66 | 0 to 10V | 10 to 100% |

## WIRING:




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

## PHYSICAL:




HOT SPOT

| Dimensions | | | |
|---|---|---|---|
| Length | 4.37" | Mounting Length | 4.02" |
| Width | 3.07" | Weight | lbs. |
| Height | 1.26" | Case Qty. | 20 pcs. |

## SAFETY & PERFORMANCE:

UL and cUL Recognized, Class 2
UL Outdoor Type 1
- Class A sound rating
- No PCBs
- 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:

- 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

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*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.

IP66 HARSH

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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.**

RoHS COMPLIANT LEAD-FREE


Revised 07/22/2016