# Plusrite®

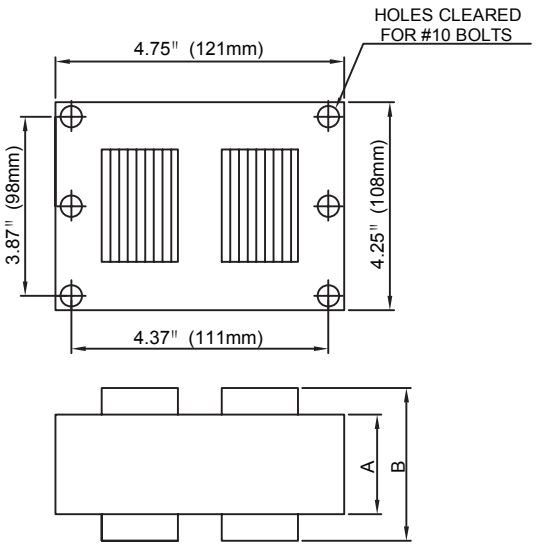
## CATALOG NUMBER: BAPS320-CWA/V3

# 320W M132 / M154

## Pulse Start Metal Halide Lamp Ballast

**60 Hz CWA**

### 4X4 CORE - HX, CWA CWI UNITS



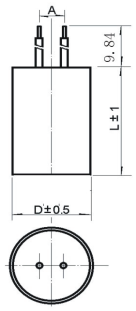

| | | 120 | 277 | 347 |
|---|---|---|---|---|
| Input Volts | | | | |
| Circuit Type | CWA | | | |
| REGULATION | | | | |
| Line Volts | ±10% | | | |
| Lamp Watts | ±9% | | | |
| LINE CURRENT( Amps ) | | | | |
| Operating | | 3.00 | 1.31 | 1.05 |
| Open Circuit | | 3.12 | 1.39 | 0.95 |
| Starting | | 2.15 | 0.92 | 0.80 |
| RECOMMENDED FUSE (Amps) | | 8 | 4 | 3 |
| TEMPERATURE RATINGS | | | | |
| Insulation Class | 180 (H) | | | |
| Coil Temperature Code | | B | C | D |
| Benchtop Coil Rise | | 75.8 | 80.0 | 80.0 |
| Power Factor (Min) | 90% | | | |
| Input Watts | 368W | | | |
| Efficiency | 88% | | | |
| NOM. OPEN CIRCUIT VOLTAGE | 296 | | | |
| INPUT VOLTAGE AT LAMP DROPOUT | | 85 | 198 | 243 |
| MIN AMBIENT STARTING TEMP | -20°F/-30°C | | | |
| 60 HZ TEST PROCEDURES | | | | |
| High Potential Test (Volts) | | | | |
| 1 Minute | 1,600 V | | | |
| 1 Second | 1,900 V | | | |
| Open Circuit Voltage Test (V) | 250 - 305 | | | |
| Short Circuit Current Test (A) | | | | |
| Secondary Current Min | 3.05 | | | |
| Secondary Current Max | 3.70 | | | |
| Input Current Min | | 2.00 | 0.90 | 0.70 |
| Input Current Max | | 3.05 | 1.35 | 1.06 |
| CORE and COIL Specifications | | | | |
| Dimension A (in) | 2.00 | | | |
| Dimension B (in) | 4.15 | | | |
| Weight (lbs) | 10.0 | | | |
| Lead Lengths (in) | 12 | | | |
| CAPACITOR REQUIREMENT | | | | |
| Microfarads | 22.0uf | | | |
| Volts (Min) | 330 V | | | |

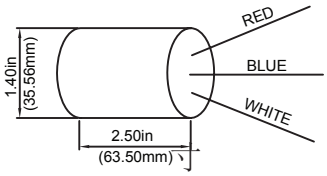
**Capacitor:**

| | |
|---|---|
| Microfarads: | 22.0 uf |
| Volts (Min ): | 330 V |
| Case Temp(Max): | 100°C |
| D: | 1.77 in |
| L: | 3.66 in |
| A: | 0.71 in |

**Ignitor:**

| | |
|---|---|
| Case Temp (Max): | 105 °C |
| BTL Distance (Max): | 2 ft |

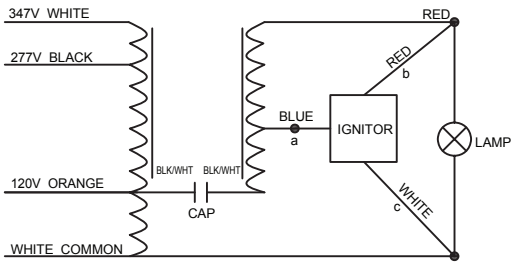



Dry Type Capacitor with Leads

### Wiring Diagram:

c UL us RoHS




## ORDERING INFORMATION

The ballast comes with a kit including capacitor, ignitor and bracket.

Data is based upon tests performed by Plusrite in a controlled environment and is representitive of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

Coil material: Al/Al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