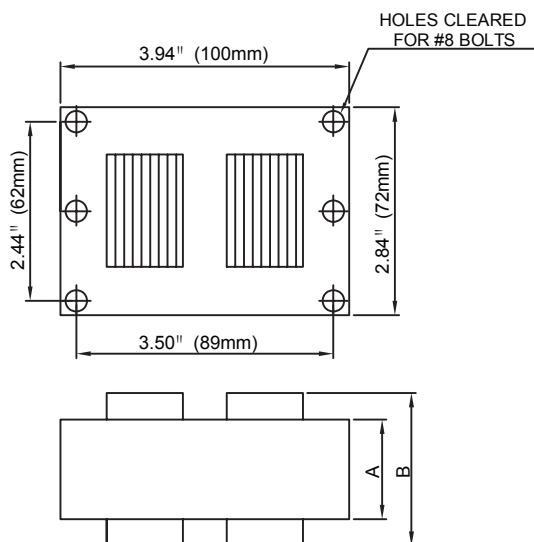
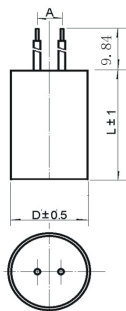


# Plusrite®

**CATALOG NUMBER: BAPS70-HX/V4****70W M98****Pulse Start Metal Halide Lamp Ballast  
60 Hz HX-HPF****3X4 CORE.WMF****Capacitor:**

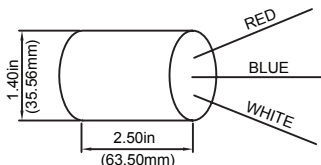
Microfarads: 8.0 uf  
Volts (Min): 280 V  
Case Temp(Max): 100°C  
D: 1.38 in  
L: 2.76 in  
A: 0.63 in



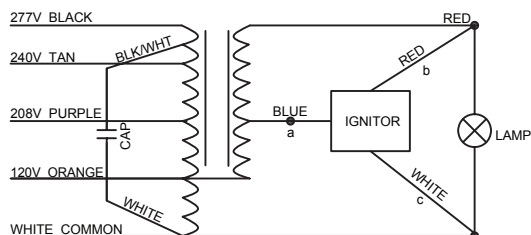
Dry Type Capacitor with Leads

**Ignitor:**

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



|                                |           |             |      |      |      |
|--------------------------------|-----------|-------------|------|------|------|
| Input Volts                    |           | 120         | 208  | 240  | 277  |
| Circuit Type                   | HX-HPF    |             |      |      |      |
| REGULATION                     |           |             |      |      |      |
| Line Volts                     | ±5%       |             |      |      |      |
| Lamp Watts                     | ±8%       |             |      |      |      |
| LINE CURRENT( Amps )           |           |             |      |      |      |
| Operating                      |           | 0.80        | 0.45 | 0.40 | 0.35 |
| Open Circuit                   |           | 1.65        | 0.95 | 0.80 | 0.70 |
| Starting                       |           | 0.75        | 0.55 | 0.50 | 0.35 |
| RECOMMENDED FUSE (Amps)        |           | 4           | 3    | 2    | 2    |
| TEMPERATURE RATINGS            |           |             |      |      |      |
| Insulation Class               | 180 (H)   |             |      |      |      |
| Coil Temperature Code          | A         |             |      |      |      |
| Benchtop Coil Rise             |           | 60.9        | 63.0 | 62.4 | 64.1 |
| Power Factor (Min)             | 90%       |             |      |      |      |
| Input Watts                    | 92 W      |             |      |      |      |
| Efficiency                     | 76%       |             |      |      |      |
| NOM. OPEN CIRCUIT VOLTAGE      |           | 250         |      |      |      |
| INPUT VOLTAGE AT LAMP DROPOUT  |           | 85          | 140  | 165  | 185  |
| 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)  | 225 - 275 |             |      |      |      |
| Short Circuit Current Test (A) |           |             |      |      |      |
| Secondary Current              | Min       | 0.95        |      |      |      |
|                                | Max       | 1.20        |      |      |      |
| Input Current                  | Min       | 0.45        | 0.25 | 0.25 | 0.20 |
|                                | Max       | 0.85        | 0.50 | 0.45 | 0.40 |
| CORE and COIL Specifications   |           |             |      |      |      |
| Dimension A (in)               | 1.45      |             |      |      |      |
| Dimension B (in)               | 2.85      |             |      |      |      |
| Weight (lbs)                   | 4.6       |             |      |      |      |
| Lead Lengths (in)              | 12        |             |      |      |      |
| CAPACITOR REQUIREMENT          |           |             |      |      |      |
| Microfarads                    | 8.0 uf    |             |      |      |      |
| Volts (Min)                    | 280 V     |             |      |      |      |

**Wiring Diagram:****cAL<sup>®</sup>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 representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

Coil material: Cu/Al