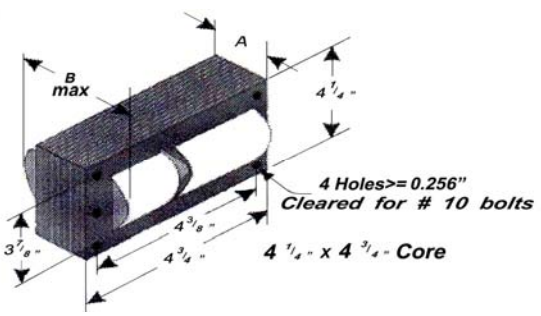
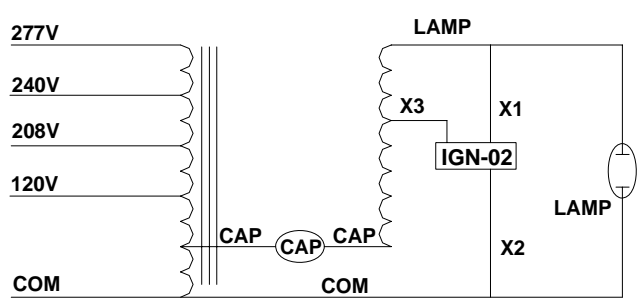
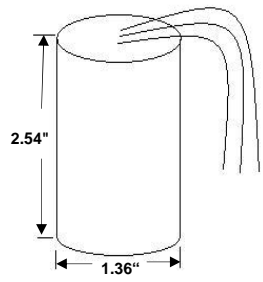
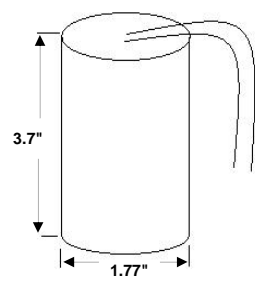


Atlas Lighting Supply
 2828 S. Linwood St
 Visalia, CA 93277
 Ph: 559-697-6764, F: 888-605-2324
 www.atlaslightingsupply.com

| E-BAL-S040M4 | |
|-----------------|----------------------|
| Ballast Type | High Pressure Sodium |
| Lamp | 400W S51 |
| Circuit Type | CWA |
| Input Frequency | 60HZ |

| | | | | | | | | | |
|-------------------------------|---------------------------|-------|-----|-----|-----------------------|---------------|---------------|-------|--|
| Model No: | E-BAL-S040M4 | | | | Capacitor (Required) | | | | |
| Input Voltage | 120 | 208 | 240 | 277 | Capacitance | 55uF±3% | | | |
| Operating Current | 3.8 | 2.2 | 1.9 | 1.7 | Minimum Volts | 240V | | | |
| Open Circuit Current | 2.4 | 1.5 | 1.2 | 1.0 | Dry | Diameter | 1.77" | | |
| Starting Current | 6.4 | 6.4 | 6.4 | 6.4 | | Height | 3.7" | | |
| CCF (*ANSI≤1.8) | 1.8 | 1.8 | 1.8 | 1.8 | Case Max. Temperature | | | 100°C | |
| Short Circuit Current | Secondary | 6.4 | 6.4 | 6.4 | Ignitor (Required) | | | | |
| | Input | 3.6 | 2.1 | 1.8 | 1.6 | Ignitor Model | IGN-02 | | |
| Recommended Fuse | 10 | 8 | 5 | 5 | Pulse Height(kV) | 2.5~4.0 | | | |
| Input Voltage At Lamp Dropout | | | | | Pulse Width (≥u S) | 1us @ 2250V | | | |
| UL 1029 Bench Top Rise | | D | C | D | | | | | |
| OCV(Min.) | 198 | | | | | | | | |
| Input Power | 464W | | | | | | | | |
| Power Factor | ≥90% | | | | | | | | |
| Regulation | Line Volts | ±10% | | | | | | | |
| | Lamp Watts | ±10% | | | | | | | |
| Insulation System | Class H, 180°C | | | | | | | | |
| Ballast Dimension | A | 2.33" | | | | | | | |
| | B | 4.26" | | | | | | | |
| Ballast Net Weight | 14.3 lbs | | | | | | | | |
| Leads | 12"-Cross Link Polyolefin | | | | Min.Starting Temp. | | -20°F / -30°C | | |

| Ballast Dimension | Wiring Diagram |
|---|---|
|  <p>Diagram showing ballast dimensions: A, B max, 4 1/4", 4 3/8", 3 7/8", 4 3/4", 4 1/4" x 4 3/4" - Core. 4 Holes ≥ 0.256" Cleared for # 10 bolts.</p> |  <p>Wiring diagram showing 277V, 240V, 208V, 120V, and COM inputs connected to a transformer. The secondary is connected to a LAMP with terminals X1, X2, and X3. An IGN-02 ignitor is connected between X1 and X3. Two capacitors (CAP) are connected between the secondary and COM.</p> |
|  <p>Diagram of the Ignitor showing dimensions: 2.54" height and 1.36" diameter.</p> |  <p>Diagram of the Capacitor showing dimensions: 3.7" height and 1.77" diameter.</p> |

When Ordering, add suffix for options:

D - with distributor replacement kit (include bracket, capacitor and ignitor as necessary)

Specifications are subject to change without notice.