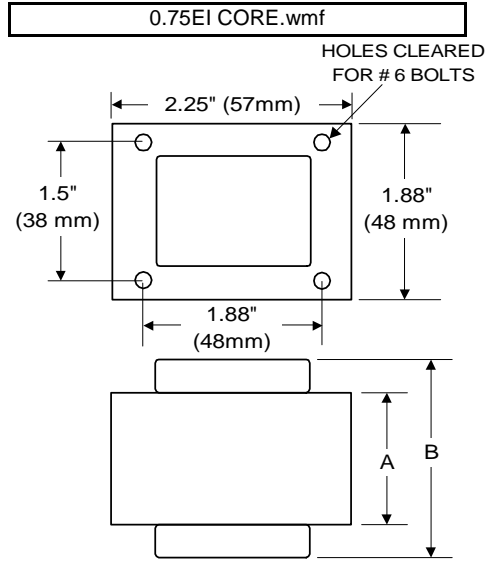




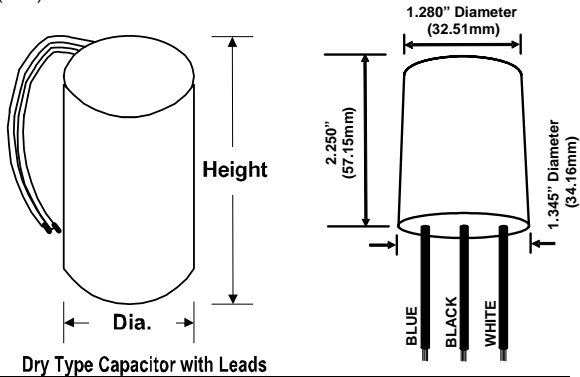
BALLAST SPECIFICATION

50W S68
High Pressure Sodium
V90B1120-HPF
60 Hz Reactor-HPF

| | | | | |
|---------------------------------------|----------------------|--|--|--|
| Input Volts | 120 | | | |
| Line Current (Amps) | | | | |
| Operating | 0.55 | | | |
| Open Circuit | 0.85 | | | |
| Starting | 0.75 | | | |
| Recommended Fuse (Amps) | 2 | | | |
| Regulation | | | | |
| Line Volts | ±5% | | | |
| Lamp Watts | ±12% | | | |
| Temperature Ratings | | | | |
| Insulation Class | 180 (H) | | | |
| Coil Temperature Code | A | | | |
| Benchtop Coil Rise | | | | |
| Power Factor (Min) | 90% | | | |
| Input Watts | 65 W | | | |
| Efficiency | | | | |
| NOM. Open Circuit Voltage | 120 | | | |
| Input Voltage At Lamp Dropout | 95 | | | |
| Min Ambient Starting Temp | -40°F/-40°C | | | |
| 60 HZ TEST PROCEDURES | | | | |
| High Potential Test (Volts) | | | | |
| 1 Minute | 2,000 V | | | |
| 1 Second | 2,500 V | | | |
| Open Circuit Voltage Test (V) | 110 - 135 | | | |
| Short Circuit Current Test (A) | | | | |
| Secondary Current | Min 1.35 Max 1.65 | | | |
| Input Current | Min 0.55 Max 0.95 | | | |
| CORE and COIL Specifications | | | | |
| Dimension (A) | 1.15 in | | | |
| Dimension (B) | 2.35 in | | | |
| Weight | 2.0 lb's | | | |
| Lead Lengths | 12" | | | |
| Capacitor Requirement | | | | |
| Microfarads | 22.5 uf | | | |
| Volts (Min) | 120 V | | | |



| | | | |
|-------------------|---------|---------------------|-----------|
| Capacitor: | ACG181 | Ignitor: | BVS-004-A |
| Microfarads: | 22.5 uf | Case Temp (Max): | 105 °C |
| Volts (Max): | 330 V | BTL Distance (Max): | 12 ft |
| Case Temp (Max): | 100 °C | | |
| Height (Max): | 3.68 in | | |
| Dia (Max): | 1.62 in | | |



Dry Type Capacitor with Leads

Ordering Information Add Suffix for options

- C - With Capacitor
- K - Prewired, with Capacitor and Bracket Kit
- B - With Welded Bracket, no cap
- CB - With Capacitor and Welded Bracket

Coil material: Cu

RoHS compliant on all manufactured products after August 1, 2007

Data is based upon tests performed by Venture Lighting 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.

10/29/2008 Production



RoHS

