

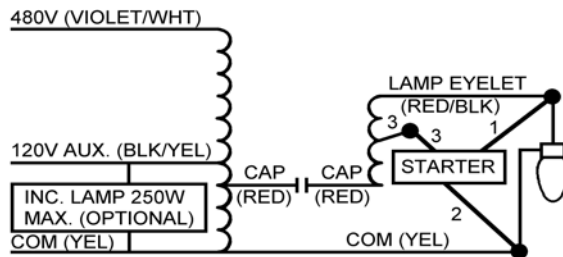
Specification Sheet

Catalog Number: S40048TAC4M
Document #: 010-9654-03
Date: 04/30/2004

400W HIGH PRESSURE SODIUM

| | |
|----------------------------|-------------|
| Lamp Type | 400W HPS |
| ANSI Designation | S51 |
| Line Voltage | 480 |
| Regulation | 10% |
| Frequency | 60 HZ |
| Recommended Fuse | 5 |
| Circuit Type | CWA |
| Insulation Class | 180° C |
| Capacitor Value | 55 MF |
| Capacitor Volt Rating | 240 VOLTS |
| Capacitor Temp Rating | 90° C |
| Capacitor Part Number | 005-1594-MF |
| Lamp Starter | HPS400-3A |
| Winding Material (Pri/Sec) | Cu/Cu |

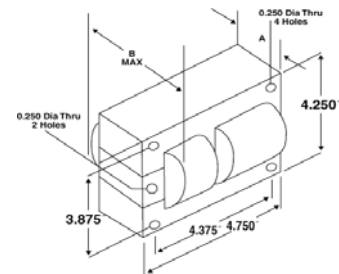
| | |
|--------------------------|-----------|
| Replaces Catalog # | 1232-331U |
| Samples Available | Yes |
| Production Available | Yes |
| Agency Certification | UL & CSA |
| Maximum Distance to Lamp | 10 FT |



FEATURES: Utilizes Precise-Wound Coils

Electrical Characteristics

| Line Volt | Power Factor | Line Current in Amps | | | Input Watts | Open Circuit Volts | Drop Out Volts | Min. Start Temp. | UL Temp. Code |
|-----------|--------------|----------------------|------|-------|-------------|--------------------|----------------|------------------|---------------|
| | | Oprtng | Open | Start | | | | | |
| 480 | High | 1.00 | 0.42 | 0.80 | 465 | 190 | 340 | -40°C | D |



Reference Drawing

Test Limits

| Line Volt | Power Factor | Line Current, Amps | | | | | | Open Circuit Voltage (V) | | Short Circuit Current (A) | |
|-----------|--------------|--------------------|------|------|------|-------|------|--------------------------|------|---------------------------|------|
| | | Operating | | Open | | Short | | Min. | Max. | Min. | Max. |
| 480 | High | 0.91 | 1.11 | 0.21 | 0.60 | 0.50 | 0.90 | 170 | 210 | 6.00 | 7.45 |

Physical Characteristics

| Overall Dimensions, Inches | | | | Mounting Holes (In.) | | | Bracket Mntng Dim | | Capacitor Dim. | | Ballast Net Weight | Lead Length Inches |
|----------------------------|--------|-------|------------|----------------------|--------|-------|-------------------|-------|----------------|--------|--------------------|--------------------|
| Length | Height | Stack | Over Coils | Diam | Length | Width | Length | Width | Dia. | Length | | |
| 4.75 | 4.25 | 2.44 | 4.12 | 0.25 | 4.38 | 3.88 | - | - | 1.81 | 3.50 | 14.50 | 12-14 |

Application and Performance Specification Information Subject to Change without Notification.
 For samples, contact your Universal Lighting Technologies Representative.