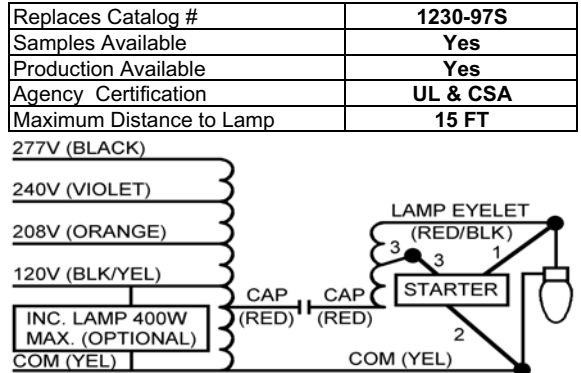


Specification Sheet

Catalog Number: S1000MLTAC5M
Document #: 010-9752- 02
Date: 06/23/2004

1000 W HIGH PRESSURE SODIUM

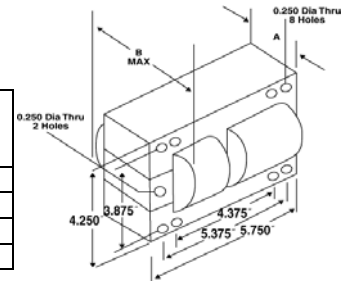
| | |
|----------------------------|-----------------|
| Lamp Type | 1000W HPS |
| ANSI Designation | S52 |
| Line Voltage | 120/208/240/277 |
| Regulation | 10% |
| Frequency | 60 HZ |
| Recommended Fuse | 20/15/10/10 |
| Circuit Type | CWA |
| Insulation Class | 180° C |
| Capacitor Value | 26MF |
| Capacitor Volt Rating | 525 VOLTS |
| Capacitor Temp Rating | 90° C |
| Capacitor Part Number | 005-2776-MF |
| Winding Material (Pri/Sec) | Cu/Cu |
| Lamp Starter | HPS 1000-4B |



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 |
|-----------|--------------|----------------------|------|-------|-------------|--------------------|----------------|------------------|---------------|
| | | Oprtn | Open | Start | | | | | |
| 120 | High | 9.50 | 6.10 | 5.00 | 1100 | 440 | 90 | -40°C | C |
| 208 | High | 5.50 | 3.50 | 3.00 | 1100 | 440 | 155 | -40°C | C |
| 240 | High | 4.80 | 3.10 | 2.60 | 1100 | 440 | 180 | -40°C | C |
| 277 | High | 4.20 | 2.70 | 2.20 | 1100 | 440 | 208 | -40°C | C |



Reference Drawing

Test Limits

| Line Volt | Power Factor | Operating | | Line Current, Amps | | | | Open Circuit Voltage (V) | | Short Circuit Current (A) | |
|-----------|--------------|-----------|-------|--------------------|------|-------|------|--------------------------|------|---------------------------|------|
| | | Min. | Max. | Open | | Short | | Min. | Max. | Min. | Max. |
| 120 | High | 8.65 | 10.55 | 3.05 | 8.72 | 5.30 | 8.00 | 400 | 485 | 6.40 | 8.00 |
| 208 | High | 5.01 | 6.11 | 1.75 | 5.01 | 3.10 | 4.70 | 400 | 485 | 6.40 | 8.00 |
| 240 | High | 4.37 | 5.33 | 1.55 | 4.43 | 2.65 | 4.00 | 400 | 485 | 6.40 | 8.00 |
| 277 | High | 3.82 | 4.66 | 1.35 | 3.86 | 2.30 | 3.50 | 400 | 485 | 6.40 | 8.00 |

Physical Characteristics

| Overall Dimensions, Inches | | | Over Coils | Mounting Holes (In.) | | | Bracket Mntng Dim | | Capacitor Dim. | | Ballast Net Weight | Lead Length Inches |
|----------------------------|--------|-------|------------|----------------------|--------|-------|-------------------|-------|----------------|--------|--------------------|--------------------|
| Length | Height | Stack | | Diam | Length | Width | Length | Width | Section | Length | | |
| 5.75 | 4.25 | 3.75 | 5.63 | 0.25 | 5.38 | 3.88 | - | - | 1.81 | 4.25 | 26.00 | 12-14 |

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