

## Specification Sheet

Catalog Number: S400MLTAC4M

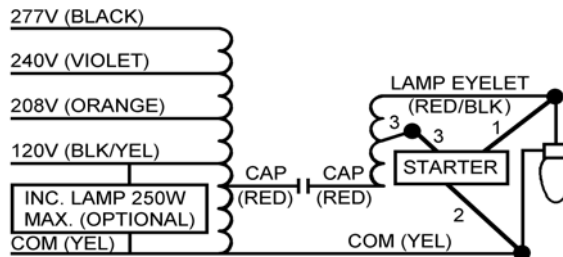
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400W HIGH PRESSURE SODIUM

|                            |                 |
|----------------------------|-----------------|
| Lamp Type                  | 400W HPS        |
| ANSI Designation           | S51             |
| Line Voltage               | 120/208/240/277 |
| Regulation                 | 10%             |
| Frequency                  | 60 HZ           |
| Recommended Fuse           | 15/8/8/5        |
| Circuit Type               | CWA             |
| Insulation Class           | 180° C          |
| Capacitor Value            | 55MF            |
| Capacitor Volt Rating      | 240 VOLTS       |
| Capacitor Temp Rating      | 90° C           |
| Capacitor Part Number      | 005-1594-MF     |
| Lamp Starter               | HPS 400-3A      |
| Winding Material (Pri/Sec) | Cu/Cu           |

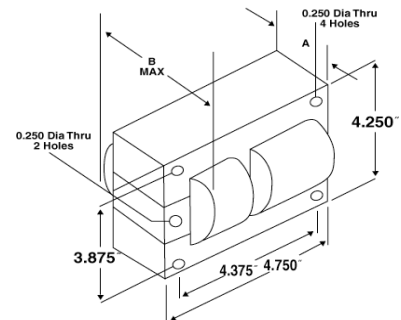
|                          |          |
|--------------------------|----------|
| Replaces Catalog #       | 1230-93U |
| Samples Available        | Yes      |
| Production Available     | Yes      |
| Agency Certification     | UL & CSA |
| Maximum Distance to Lamp | 10 FT    |



**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 |
|-----------|--------------|----------------------|------|-------|-------------|--------------------|----------------|------------------|---------------|
|           |              | Oprrng               | Open | Start |             |                    |                |                  |               |
| 120       | High         | 3.80                 | 1.85 | 3.10  | 440         | 190                | 85             | -40C             | D             |
| 208       | High         | 2.20                 | 1.10 | 1.80  | 440         | 190                | 145            | -40C             | D             |
| 240       | High         | 1.80                 | 0.90 | 1.60  | 440         | 190                | 170            | -40C             | D             |
| 277       | High         | 1.60                 | 0.80 | 1.35  | 440         | 190                | 195            | -40C             | 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. |
| 120       | High         | 3.46               | 4.22 | 0.93 | 2.65 | 2.20  | 3.40 | 170                      | 210  | 6.00                      | 7.60 |
| 208       | High         | 2.00               | 2.44 | 0.55 | 1.57 | 1.30  | 2.00 | 170                      | 210  | 6.00                      | 7.60 |
| 240       | High         | 1.64               | 2.00 | 0.45 | 1.29 | 1.14  | 1.72 | 170                      | 210  | 6.00                      | 7.60 |
| 277       | High         | 1.46               | 1.78 | 0.40 | 1.14 | 0.95  | 1.50 | 170                      | 210  | 6.00                      | 7.60 |

### 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 | Section        | Length |                    |                    |
| 4.75                       | 4.25   | 2.32  | 4.19       | 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.