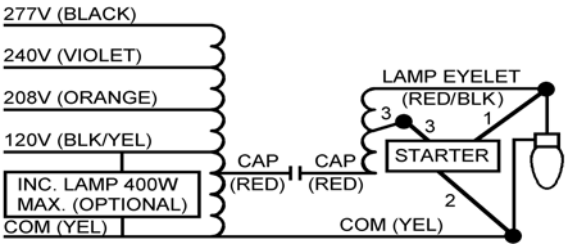
Specification Sheet

Catalog Number: **S1000MLTAC5M** **1000 W HIGH PRESSURE SODIUM**
Document #: **010-9752- 02**
Date: **06/23/2004**

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**

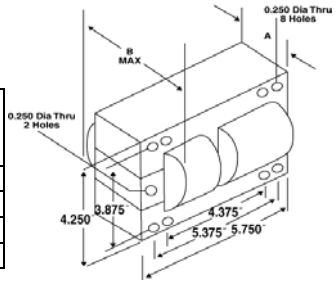
Replaces Catalog #	**1230-97S**
Samples Available	**Yes**
Production Available	**Yes**
Agency Certification	**UL & CSA**
Maximum Distance to Lamp	**15 FT**



FEATURES: **Utilizes Precise-Wound Coils**

Electrical Characteristics

Line Volt	Power Factor	Line Current in Amps Oprtng	Open	Start	Input Watts	Open Circuit Volts	Drop Out Volts	Min. Start Temp.	UL Temp. Code
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	Line Current, Amps Operating Min.	Operating Max.	Open Min.	Open Max.	Short Min.	Short Max.	Open Circuit Voltage (V) Min.	Open Circuit Voltage (V) Max.	Short Circuit Current (A) Min.	Short Circuit Current (A) 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 Length	Height	Stack	Over Coils	Mounting Holes (In.) Diam	Length	Width	Bracket Mntng Dim Length	Width	CapacitorDim. Section	Length	Ballast Net Weight	Lead Length Inches
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.