

# Specification Sheet

Catalog Number: S400ML5AC4M

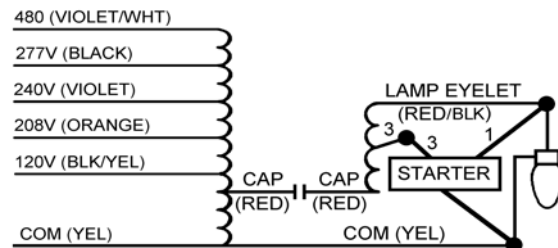
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400W HIGH PRESSURE SODIUM

Lamp Type	400W HPS
ANSI Designation	S51
Line Voltage	120/208/240/277/480
Regulation	10%
Frequency	60 HZ
Recommended Fuse	15/8/8/5/5
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

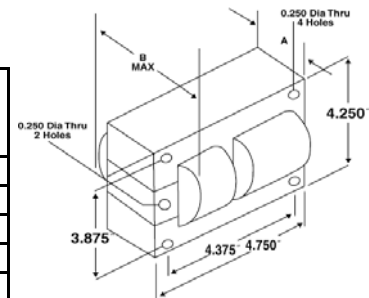
Replaces Catalog #	New Product
Samples Available	Yes
Production Available	Yes
Agency Certification	UL & CSA
Maximum Distance to Lamp	10FT.



**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
		Oprtnng	Open	Start					
120	High	4.00	1.85	3.10	465	190	85	-40°C	D
208	High	2.20	1.10	1.80	465	190	145	-40°C	D
240	High	1.90	0.90	1.60	465	190	170	-40°C	D
277	High	1.60	0.80	1.35	465	190	195	-40°C	D
480	High	1.00	0.42	0.78	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.
120	High	3.64	4.44	0.93	2.65	1.89	3.50	170	215	6.20	7.50
208	High	2.00	2.44	0.55	1.57	1.10	2.10	170	215	6.20	7.50
240	High	1.73	2.11	0.45	1.29	0.98	1.85	170	215	6.20	7.50
277	High	1.46	1.78	0.40	1.14	0.82	1.55	170	215	6.20	7.50
480	High	0.91	1.11	0.21	0.60	0.45	1.00	170	215	6.20	7.50

### 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 3/4	4 1/4	2.44	4.25	0.25	4 3/8	3 7/8	-	-	1.81	3 1/2	14.00	12-14

Application and Performance Specification Information Subject to Change without Notification.

For samples, contact your Universal Lighting Technologies Representative.