

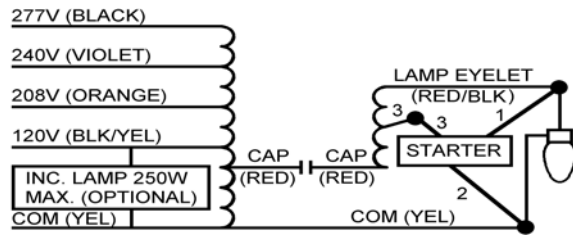
Specification Sheet

Catalog Number: S400MLTAC4M
Document #: 010-9653- 02
Date: 04/20/2004

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

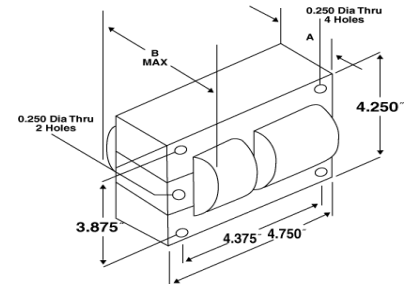
Replaces Catalog #	1230-93U
Samples Available	Yes
Production Available	Yes
Agency Certification	UL & CSA
Maximum Distance to Lamp	10 FT



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.