

Specification Sheet

Catalog Number: S600MLTAC5M

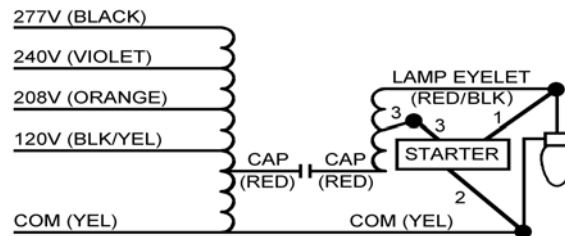
Document # : 010-9774-02

Date: 04/16/2004

600W HIGH PRESSURE SODIUM

Lamp Type	600W HPS
ANSI Designation	S106
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	55 MF
Capacitor Volt Rating	300 VOLTS
Capacitor Temp Rating	90° C
Capacitor Part Number	005-2117-MF
Lamp Starter	HPS600-1B
Winding Material (Pri/Sec)	Cu/Cu

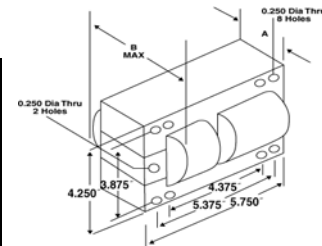
Replaces Catalog #	1230-527
Samples Available	Yes
Production Available	Yes
Agency Certification	UL & CSA
Maximum Distance to Lamp	10 FT



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	5.10	2.50	4.20	640	240	90	-40°C	A
208	High	3.10	1.50	2.50	640	240	150	-40°C	A
240	High	2.70	1.30	2.10	640	240	175	-40°C	A
277	High	2.35	1.10	1.80	640	240	200	-40°C	A



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	4.64	5.66	1.25	3.58	3.00	5.10	215	265	6.85	8.40
208	High	2.82	3.44	0.75	2.15	2.00	3.00	215	265	6.85	8.40
240	High	2.46	3.00	0.65	1.86	1.50	2.60	215	265	6.85	8.40
277	High	2.14	2.61	0.55	1.57	1.20	2.25	215	265	6.85	8.40

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	Dia.	Length		
5.75	4.25	3.00	5.00	0.25	5.38	3.88	-	-	1.81	3.50	21.00	12-14

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