

Specification Sheet

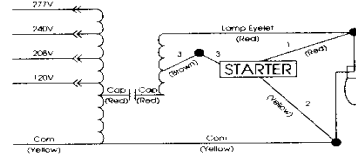
Catalog Number: P250MLTAC4M
Date: 6/11/02

250W METAL HALIDE PULSE START

Lamp Type	250W PSMH
ANSI Designation	M153 & M138
Line Voltage	120/208/240/277
Regulation	10%
Frequency	60 Hz
Recommended Fuse	8/5/5/3
Circuit Type	CWA
Insulation Class	180° C ¹
Capacitor Value	14.0 uF
Capacitor Volt Rating	400 V
Capacitor Part Number	005-4164-P
Lamp Starter	MH350-1
Winding Material (Pri/Sec)	Cu/Cu

Replaces Catalog #	P250MLTAC4M
Samples Available	Yes
Production Available	Yes
Agency Certification	UL & CSA
Maximum Distance to Lamp	10 FT

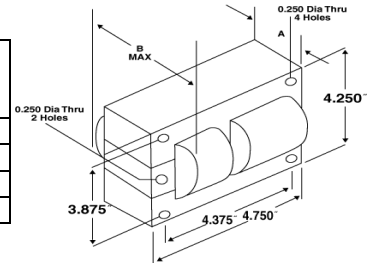
Wiring Diagram 11



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	2.40	2.25	1.55	285	296	60	-40°C	A
208	High	1.45	1.35	0.88	285	296	115	-40°C	A
240	High	1.20	1.12	0.78	285	296	133	-40°C	A
277	High	1.06	1.00	0.68	285	296	153	-40°C	A



Reference Drawing

Test Limits

Line Volt	Power Factor	Line Current, Amps				Short		Open Circuit Voltage (V)		Short Circuit Current (A)	
		Operating		Open		Min.	Max.	Min.	Max.	Min.	Max.
120	High	2.18	2.66	1.13	3.22	0.95	1.75	284	315	2.10	3.50
208	High	1.32	1.61	0.68	1.93	0.54	0.99	284	315	2.10	3.50
240	High	1.09	1.33	0.56	1.60	0.48	0.88	284	315	2.10	3.50
277	High	0.96	1.18	0.50	1.43	0.41	0.77	284	315	2.10	3.50

Physical Characteristics

Overall Dimensions, Inches			Over Coils	Mounting Holes (In.)			Bracket Mntng Dim		Capacitor Dim.		Ballast Net Weight	Lead Length Inches
Length	Height	Stack		Diam	Length	Width	Length	Width	Dia.	Length		
4.75	4.25	1.36	3.22	0.25	4.38	3.88	-	-	1.60	3.60	9.25	12-14

Application and Performance Specification Information Subject to Change without Notification.

For samples, contact your manufacturer's Representative.

Notes: 1) Product available with Class N insulation.