

**Specification Sheet**

**Catalog Number: H100MLTAC3M**

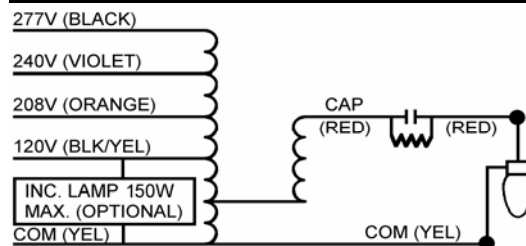
**100W MERCURY VAPOR**

**Document #: 010-9693-03**

**Date: 01/24/2005**

Lamp Type	100W MV
ANSI Designation	H38 or H44
Line Voltage	120/208/240/277
Regulation	10%
Frequency	60 HZ
Recommended Fuse	3/2/2/2
Circuit Type	CWA
Insulation Class	180° C
Capacitor Value	10 MF
Capacitor Volt Rating	330 VOLTS
Capacitor Temp Rating	90° C
Capacitor Part Number	005-1413-MF
Winding Material (Pri/Sec)	Cu/Cu

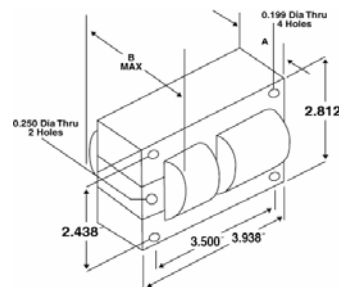
Replaces Catalog #	1030-90R
Samples Available	Yes
Production Available	Yes
Agency Certification	UL & CSA
Maximum Distance to Lamp	N/A



**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
		Oprtn	Open	Start					
120	High	1.15	0.40	0.70	125	240	70	-30°C	A
208	High	0.66	0.22	0.40	125	240	110	-30°C	A
240	High	0.57	0.20	0.35	125	240	125	-30°C	A
277	High	0.50	0.18	0.30	125	240	140	-30°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	1.05	1.28	0.20	0.57	0.70	1.00	220	270	1.35	1.65
208	High	0.60	0.73	0.11	0.31	0.40	0.60	220	270	1.35	1.65
240	High	0.52	0.63	0.10	0.29	0.34	0.52	220	270	1.35	1.65
277	High	0.46	0.56	0.09	0.26	0.30	0.45	220	270	1.35	1.65

**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		
3.94	2.81	1.25	2.55	0.25	3.50	2.44	-	-	1.31	2.69	4.00	12-14

Application and Performance Specification Information Subject to Change without Notification.