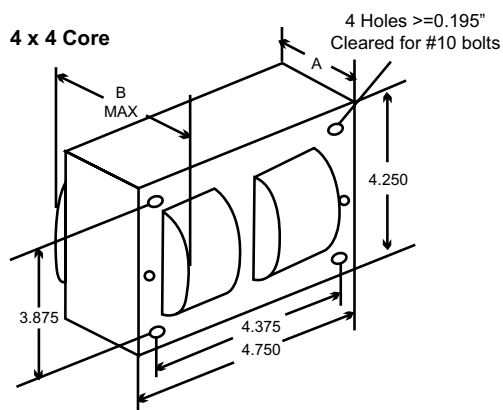
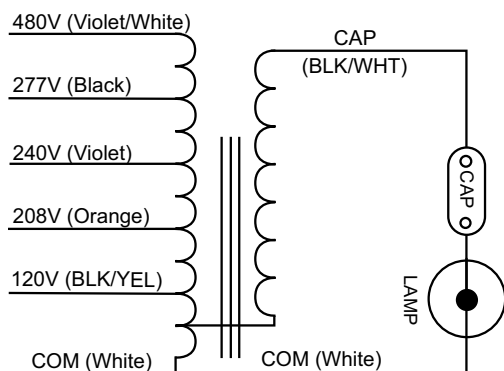


PHYSICAL DIMENSIONS

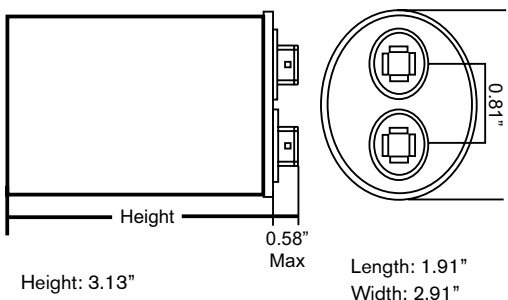
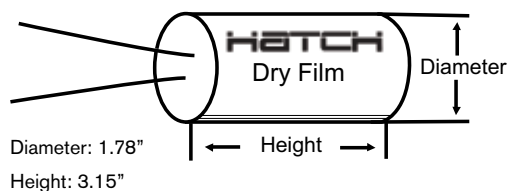


WIRING DIAGRAM



CAPACITOR

Dry Type or Oil Oval



**2 YEAR WARRANTY FROM
DATE OF MANUFACTURE**

MAGNETIC HID BALLAST

Ballast Type	Magnetic Probe Start	Circuit Type	CWA
Lamp	400W Metal Halide M59	Frequency	60Hz

ELECTRICAL SPECIFICATIONS

		Five Tap				
Input Voltage (V)		120	208	240	277	480
Line Current (A)	Operating	4.0	2.3	2.0	1.8	1.0
	Open Circuit	2.9	1.7	1.5	1.2	0.7
	Starting	2.9	1.7	1.5	1.1	0.7
Recommended Fuse		12	8	6	6	4
Input Voltage At Lamp Dropout		65	110	130	160	270
UL Class H 180°C Temp. Code		B	B	C	C	C
Nom. Open Circuit Voltage		300				
Input Power (W)		452				
Power Factor (≥ %)		90				
Regulation (± %)	Line Volts	10				
	Lamp Watts	10				
Min. Starting Temp		-20°F / -30°C				
Ballast Dimensions (inches)	A	2.32				
	B	4.26				
Ballast Net Weight (lbs)		11.4				
Lead Length (inches)		12				
Capacitor	Capacitance (µF)	24				
	Min VAC Rating (V)	360				
Requires Ignitor Model		N/A				
Coil Material (Pri./ Sec.)		Cu / Al				

60 HZ. TEST PROCEDURES

Short Circuit Current (A)	Secondary	Min	3.2				
		Max	5.0				
	Input	Min	1.1	0.7	0.6	0.5	0.3
		Max	3.3	2.0	1.7	1.5	0.9
Open Circuit Voltage (V)		Min	280				
		Max	330				
High Potential Test (V)		1 Minute	2000				
		1 Second	2400				

REFERENCE LAMP DATA

	Test Range	ANSI Standard
Starting Current (A)		3.2 ~ 5.0
CCF	1.6	≤ 1.8
OCV (V)	280 ~ 330	
di/dt (A/ms)	4.1	≥ 1.0
Off Time (Sec.)	2.5	≤ 2.75
Peak Current (A)	6.5	≤ 9.0
Overshoot (V)	60	≤ 100
VSS (V)	236	

OPTIONAL FEATURES

(ADD SUFFIX FOR OPTIONS)

-WB	With welded bracket
-I	With ignitor
-DC	With dry film capacitor
-OC	With oil filled capacitor
-K	With distributor replacement kit (includes bracket, capacitor and ignitor as necessary)