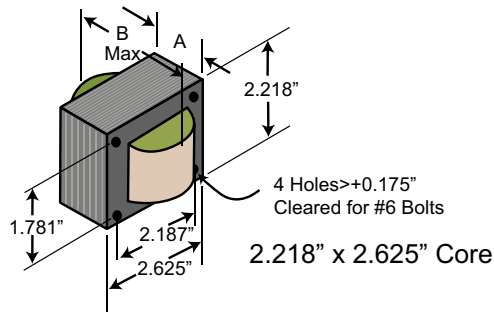
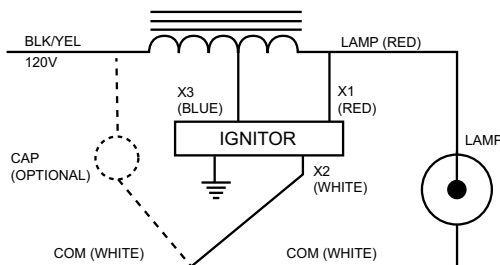


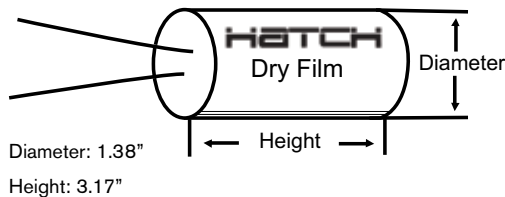
PHYSICAL DIMENSIONS



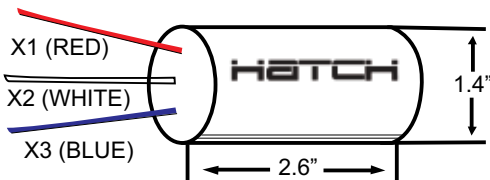
WIRING DIAGRAM



CAPACITOR



IGNITOR



Pulse Height (kV): 2.5 ~ 4.0

Pulse Width ($\geq \mu$ s): 1.0 @ 2.3kV


**2 YEAR WARRANTY FROM
DATE OF MANUFACTURE**

MAGNETIC HID BALLAST

Ballast Type	High Pressure Sodium	Circuit Type	R-NPF w/o capacitor R-HPF with capacitor
Lamp	50W S68	Frequency	60Hz

ELECTRICAL SPECIFICATIONS

		Single Tap			
Input Voltage (V)		120			
Line Current (A)	Operating (HPF)	0.55			
	Operating (NPF)	1.2			
	Open Circuit	0.9			
	Starting	0.7			
Recommended Fuse		4			
Input Voltage At Lamp Dropout		65			
UL Class H 180°C Temp. Code		A			
Nom. Open Circuit Voltage		120			
Input Power (W)		61			
Power Factor ($\geq$ %)		90			
Regulation ($\pm$ %)	Line Volts	5			
	Lamp Watts	10			
Min. Starting Temp		-20°F / -30°C			
Ballast Dimensions (inches)	A	0.83			
	B	2.0			
Ballast Net Weight (lbs)		1.7			
Lead Length (inches)		12			
Capacitor	Capacitance (μ F)	20			
	Min VAC Rating (V)	120			
Requires Ignitor Model		GHPSR1			
Coil Material (Pri./ Sec.)		Cu			

60 HZ. TEST PROCEDURES

Short Circuit Current (A)	Secondary	Min	1.2				
		Max	1.9				
	Input	Min	0.6				
		Max	1.8				
Open Circuit Voltage (V)		Min	110				
		Max	130				
High Potential Test (V)		1 Minute	1400				
		1 Second	1700				

REFERENCE LAMP DATA

	Test Range	ANSI Standard
Starting Current (A)		1.2 ~ 1.9
CCF	1.5	$\leq$ 1.8
OCV (V)	110 ~ 130	
Off Time (Sec.)		
Peak Current (A)		
Overshoot (V)		
VSS (V)		

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)