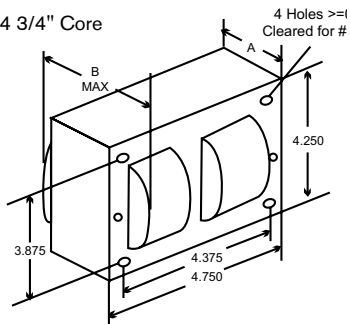
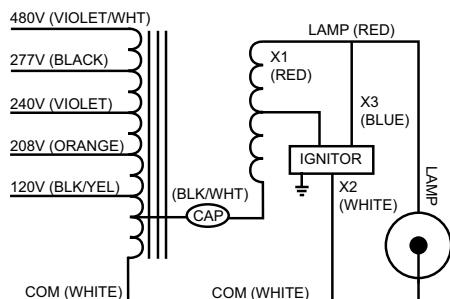


PHYSICAL DIMENSIONS

4 1/4" x 4 3/4" Core

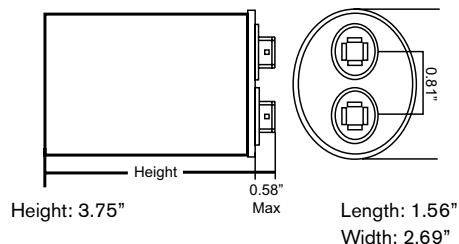
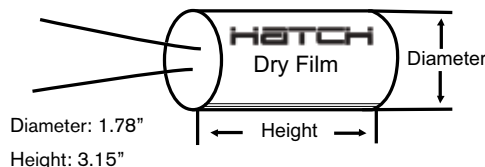


WIRING DIAGRAM

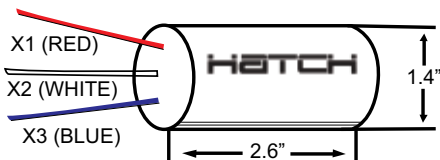


CAPACITOR

Dry Type or Oil Oval



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	HPS CWA
Lamp	400W S51	Frequency	60Hz

ELECTRICAL SPECIFICATIONS

		Five Tap				
Input Voltage (V)		120	208	240	277	480
Line Current (A)	Operating	3.8	2.2	1.9	1.6	0.9
	Open Circuit	2.0	1.2	1.0	0.9	0.5
	Starting	3.1	1.8	1.6	1.4	0.8
Recommended Fuse		10	7	5	5	3
Input Voltage At Lamp Dropout		70	125	135	150	250
UL Class H 180°C Temp. Code		E	E	E	D	D
UL Class N 200°C Temp. Code		A	A	A	A	A
Nom. Open Circuit Voltage		185				
Input Power (W)		450				
Power Factor ($\geq$ %)		90				
Regulation ($\pm$ %)	Line Volts	10				
	Lamp Watts	10				
Min. Starting Temp		-40°F / -40°C				
Ballast Dimensions (inches)	A	2.56				
	B	4.7				
Ballast Net Weight (lbs)		13.5				
Lead Length (inches)		12				
Capacitor	Capacitance (μ F)	55				
	Min VAC Rating (V)	240				
Requires Ignitor Model		GHPS24				
Coil Material (Pri/ Sec.)		Cu / Al				

60 HZ. TEST PROCEDURES

Short Circuit Current (A)	Secondary	Min	4.6				
		Max	7.5				
	Input	Min	1.5	0.8	0.7	0.6	0.4
		Max	4.5	2.6	2.2	2.0	1.1
Open Circuit Voltage (V)		Min	175				
		Max	210				
High Potential Test (V)		1 Minute	2000				
		1 Second	2400				

REFERENCE LAMP DATA

	Test Range	ANSI Standard
Starting Current (A)		4.6 ~ 7.5
CCF	1.4	≤ 1.8
OCV (V)	175 ~ 210	
Lamp Watts	WITHIN TRAPEZOID	

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)