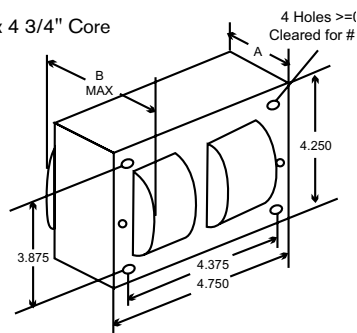
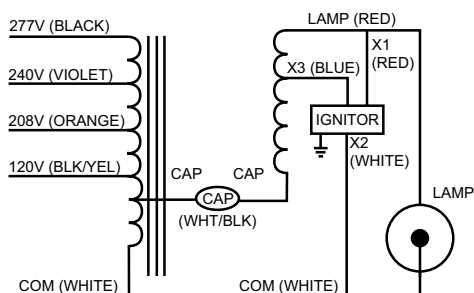


PHYSICAL DIMENSIONS

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

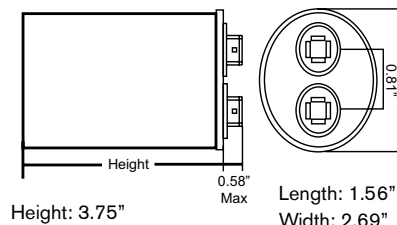
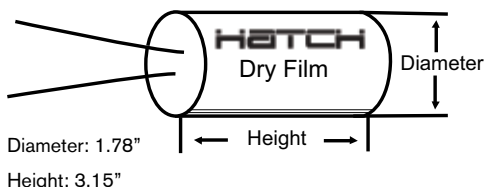


WIRING DIAGRAM

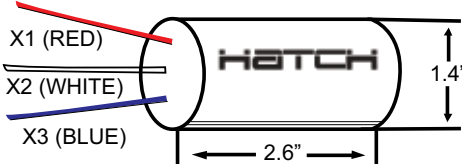


CAPACITOR

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

		Quad Tap			
Input Voltage (V)		120	208	240	277
Line Current (A)	Operating	3.8	2.2	1.9	1.7
	Open Circuit	1.7	1.0	0.9	0.8
	Starting	3.3	1.9	1.7	1.4
Recommended Fuse		10	7	5	5
Input Voltage At Lamp Dropout		65	120	130	145
UL Class H 180°C Temp. Code		D	D	D	D
UL Class N 200°C Temp. Code		A	A	A	A
Nom. Open Circuit Voltage		182			
Input Power (W)		453			
Power Factor ($\geq$ %)		90			
Regulation ($\pm$ %)	Line Volts	10			
	Lamp Watts	10			
Min. Starting Temp		-40°F / -40°C			
Ballast Dimensions (inches)	A	2.32			
	B	4.18			
Ballast Net Weight (lbs)		12.4			
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	1.6	0.9	0.8	0.7
		Max	4.8	2.7	2.4	2.1
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	1.5	≤ 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)