

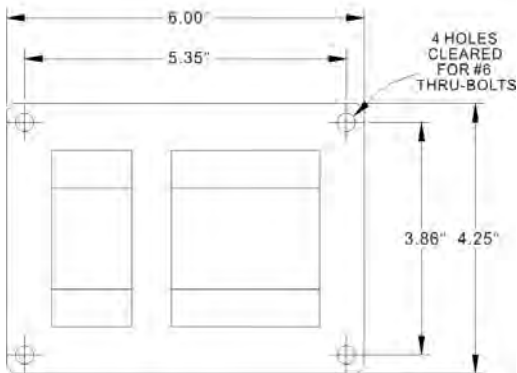
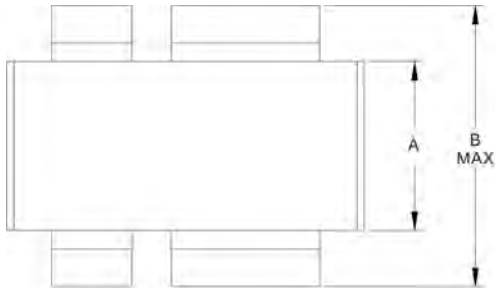


High Pressure Sodium Lamp

Catalog Number **86614**  
**S1000ML5AA5**  
**LU1000W S52**  
**60 Hz CWA**

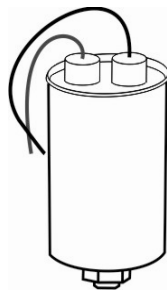
**DIMENSIONS AND DATA**

4<sup>1</sup>/<sub>4</sub>×6 CORE-2COIL UNIT



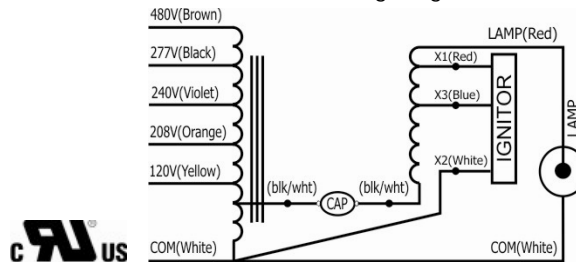
	120	208	240	277	480
INPUT VOLTS					
CIRCUIT TYPE	CWA				
POWER FACTOR	90%				
<b>REGULATION</b>					
Line Volts	±10%				
Lamp Watts	±13%				
<b>LINE CURRENT (Amps)</b>					
Operating.....	9.70	5.60	4.90	4.20	2.40
Open Circuit.....	5.30	3.10	2.70	2.30	1.30
<b>UL TEMPERATURE RATINGS</b>					
Insulating Class	N(200°C)				
Coil Temperature Code	1029				
MIN.AMBIENT STARTING TEMP.	-20°F or -30°C				
NOM. OPEN CIRCUIT VOLTAGE	430				
INPUT VOLTAGE AT LAMP DROPOUT.....	90	156	180	208	360
INPUT WATTS	1120				
RECOMMENDED FUSE(Amps).....	19	11	10	8	5
<b>CORE and COIL</b>					
Dimension(A)	4.72				
Dimension(B)	6.90				
Weight(lbs.)	28.7				
Lead Lengths	12"				
<b>CAPACITOR REQUIREMENT</b>					
Microfarads	26				
Volts(min.)	540				
<b>60Hz TEST PROCEDURES</b>					
1minute	2000				
2seconds	2500				
Open Circuit Voltage Test(Volts)	390-450				
<b>Short-circuit Current Test(Amps)</b>					
Secondary Current	4.70-7.50				

Capacitor:



Capacitance: 26uf/540v  
 Diameter: 2.16"  
 Height: 3.94"  
 Temp Rating: 105°C

**Wiring Diagram:**



Ignitor: HPS1000



Diameter: 1.65"  
 Height: 2.89"  
 Ballast to Lamp Distance (BTL) = 10feet  
 Temp Rating: 105°C

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