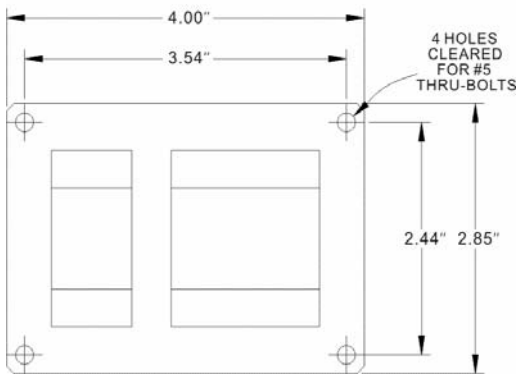
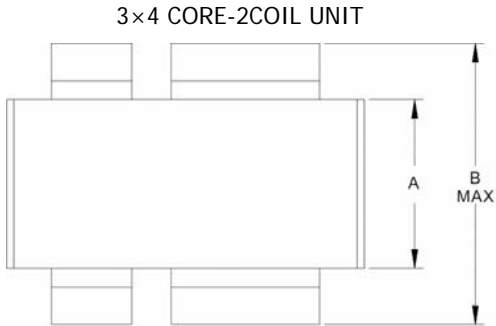




High Pressure Sodium Lamp

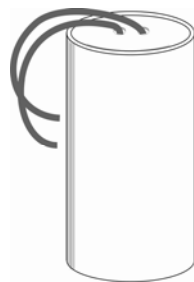
Catalog Number **82502**  
**S50MLTLC3**  
**LU50W S68**  
**60 Hz HX-HPF**

**DIMENSIONS AND DATA**



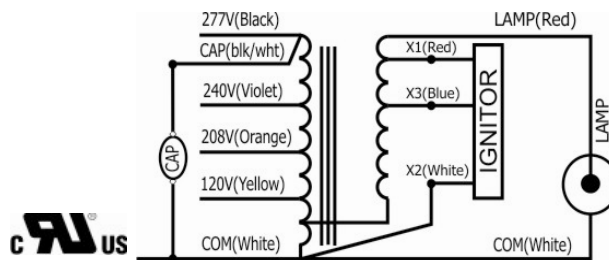
	120	208	240	277
INPUT VOLTS				
CIRCUIT TYPE	HX-HPF			
POWER FACTOR	90%			
<b>REGULATION</b>				
Line Volts	±5%			
Lamp Watts	±10%			
<b>LINE CURRENT</b>	(Amps)			
Operating.....	0.61	0.35	0.31	0.26
Open Circuit.....	1.22	0.70	0.62	0.52
<b>UL TEMPERATURE RATINGS</b>				
Insulating Class	N(200°C)			
Coil Temperature Code	1029			
MIN.AMBIENT STARTING TEMP.	-20°F or -30°C			
NOM. OPEN CIRCUIT VOLTAGE	120			
INPUT VOLTAGE AT LAMP DROPOUT.....	102	177	204	235
INPUT WATTS	70			
RECOMMENDED FUSE(Amps).....	1	1	1	1
<b>CORE and COIL</b>				
Dimension(A)	1.00			
Dimension(B)	2.50			
Weight(lbs.)	4.4			
Lead Lengths	12"			
<b>CAPACITOR REQUIREMENT</b>				
Microfarads	5.0			
Volts(min.)	300			
<b>60Hz TEST PROCEDURES</b>				
1minute	2000			
2seconds	2500			
Open Circuit Voltage Test(Volts)	108-132			
<b>Short-circuit Current Test(Amps)</b>				
Secondary Current	1.18-1.77			

Capacitor:

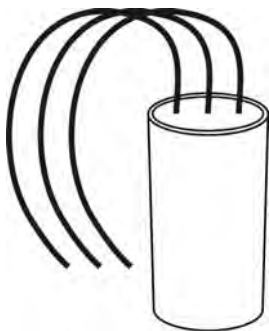


Capacitance: 5uf/300v  
 Diameter: 1.18"  
 Height: 2.36"  
 Temp Rating: 100°C

Wiring Diagram:



Ignitor: HPS150



Diameter: 1.41"  
 Height: 2.62"  
 Ballast to Lamp Distance (BTL) = 5feet  
 Temp Rating: 105°C

**Lighting and Power**  
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