



High Pressure  
Sodium  
Lamp Ballast

Catalog Number 71A8970  
For 200W S66  
60 Hz CWA  
Status: Obsolete

**DIMENSIONS AND DATA**

4 1/4 X 4 3/4 CORE - 2 COIL UNIT

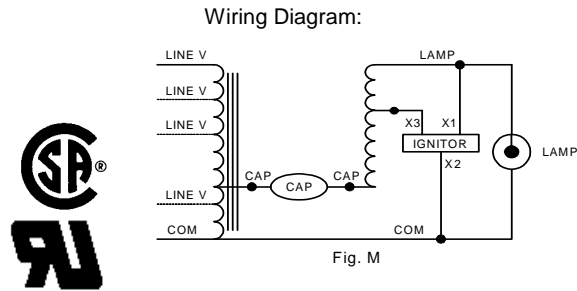


	120	208	240	277
INPUT VOLTS				
CIRCUIT TYPE	CWA			
POWER FACTOR (min)	90%			
REGULATION				
Line Volts	±10%			
Lamp Watts	WITHIN TRAPEZOID			
LINE CURRENT (Amps)				
Operating.....	2.22	1.28	1.11	0.96
Open Circuit.....	1.30	0.75	0.65	0.60
Starting.....	1.50	0.90	0.75	0.65
UL TEMPERATURE RATINGS				
Insulation Class	H(180°C)			
Coil Temperature Code	1029			
MIN. AMBIENT STARTING TEMP.	-40F or -40°C			
NOM. OPEN CIRCUIT VOLTAGE	185			
INPUT VOLTAGE AT LAMP DROPOUT.....	75	130	150	175
INPUT WATTS	240			
RECOMMENDED FUSE (Amps).....	6	4	3	3
CORE and COIL				
Dimension (A)	1.20			
Dimension (B)	3.00			
Weight (lbs.)	8.5			
Lead Lengths	12"			
CAPACITOR REQUIREMENT				
Microfarads	28.0			
Volts (min.)	280			
Fault Current Withstand (amps)				
60 Hz TEST PROCEDURES (Refer to Advance Test Procedure for HID Ballasts - Form 1270)				
High Potential Test (Volts)				
1 minute	2000			
2 seconds	2500			
Open Circuit Voltage Test (Volts)	165-205			
Short-Circuit Current Test (Amps)				
Secondary Current	2.80-3.40			
Input Current.....	1.00-1.60	0.60-0.95	0.50-0.80	0.45-0.70

Capacitor: 7C280P30-R



Capacitance: 28  
Dia/Oval Dim: 1.75  
Height: 3.75  
Temp Rating: 105°C



**Ordering Information**

Order Suffix	Description

Ignitor: LI501-H4



Ballast to Lamp Distance (BTL) = 2 feet  
Temp Rating: 105°C

Data is based upon tests performed by Advance Transformer in a controlled environment and representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.