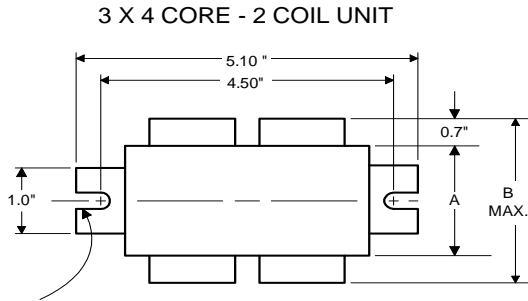




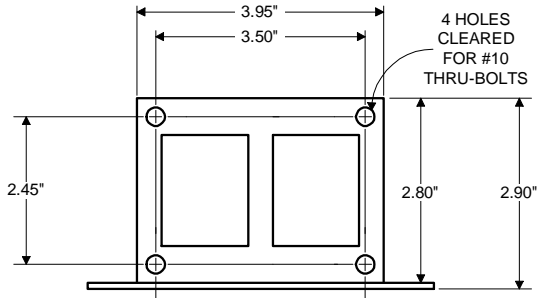
Metal Halide Lamp Ballast

Catalog Number 71A5280  
For 70W M85  
60 Hz HX-HPF  
Status: Active

**DIMENSIONS AND DATA**

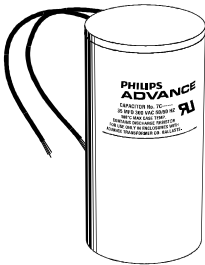


0.25" WIDE  
2 SLOTS



INPUT VOLTS	120	277			
CIRCUIT TYPE	HX-HPF				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±5%				
Lamp Watts	±7%				
LINE CURRENT (Amps)					
Operating.....	0.85	0.37			
Open Circuit.....	1.60	0.70			
Starting.....	0.85	0.40			
UL TEMPERATURE RATINGS					
Insulation Class	H(180°C)				
Coil Temperature Code	1029				
MIN. AMBIENT STARTING TEMP.	-20°F or -30°C				
NOM. OPEN CIRCUIT VOLTAGE	245				
INPUT VOLTAGE AT LAMP DROPOUT.....	80	190			
INPUT WATTS	94				
RECOMMENDED FUSE (Amps).....	4	2			
CORE and COIL					
Dimension (A)	1.50				
Dimension (B)	2.70				
Weight (lbs.)	5.5				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	8.0				
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)	220-270				
Short-Circuit Current Test (Amps)					
Secondary Current	1.10-1.40				
Input Current.....	0.70-1.10	0.30-0.50	-	-	-

Capacitor: 7C080L30RA



Capacitance: 8  
Dia/Oval Dim: 1.25  
Height: 2.75  
Temp Rating: 105°C



Wiring Diagram:

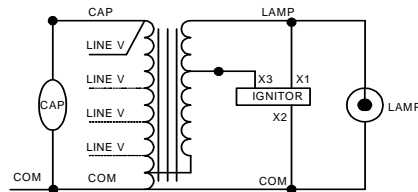
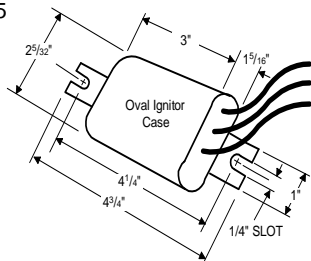


Fig. K

Ordering Information

Order Suffix	Description

Ignitor: LI522-H5



Ballast to Lamp Distance (BTL) = 20 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.

**ADVANCE TRANSFORMER CO.**

O'HARE INTERNATIONAL CENTER · 10275 WEST HIGGINS ROAD · ROSEMONT, IL 60018  
Customer Support/Technical Service: Phone: 800-372-3331 · Fax: 847-768-7768  
Corporate Offices: Phone: 800-322-2086

07/31/09