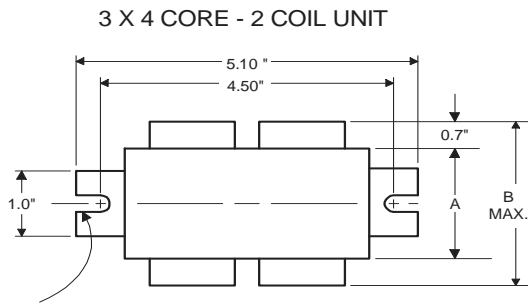




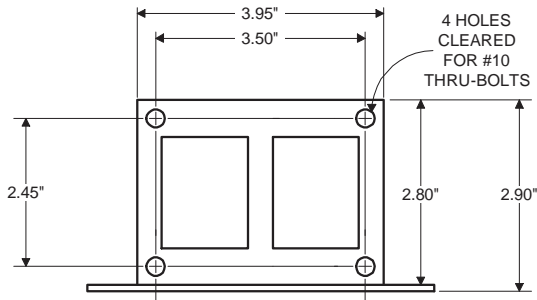
Metal  
Halide  
Lamp Ballast

Catalog Number 71A54N2  
For 150W M102/M142  
50 Hz HX-HPF  
Status: Active

**DIMENSIONS AND DATA**

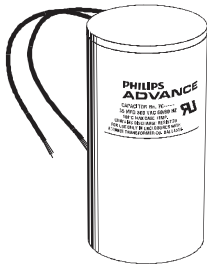


0.25" WIDE  
2 SLOTS



	120	220	240		
INPUT VOLTS					
CIRCUIT TYPE	HX-HPF				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±5%				
Lamp Watts	±14%				
LINE CURRENT (Amps)					
Operating.....	1.70	0.95	0.85		
Open Circuit.....	3.70	2.00	1.80		
Starting.....	2.00	1.15	1.00		
UL TEMPERATURE RATINGS					
Insulation Class	H(180°C)				
Coil Temperature Code	1029				
MIN. AMBIENT STARTING TEMP.	-30°F or -35°C				
NOM. OPEN CIRCUIT VOLTAGE	248				
INPUT VOLTAGE AT LAMP DROPOUT.....	80	150	160		
INPUT WATTS	187				
RECOMMENDED FUSE (Amps).....	10	5	5		
CORE and COIL					
Dimension (A)	2.50				
Dimension (B)	4.10				
Weight (lbs.)	7.5				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	28.0				
Volts (min.)	240				
Fault Current Withstand (amps)					
60 Hz TEST PROCEDURES (Refer to Advance Test Procedure for HID Ballasts - Form 1270)					
High Potential Test (Volts)					
1 minute	1500				
2 seconds	2500				
Open Circuit Voltage Test (Volts)	228-279				
Short-Circuit Current Test (Amps)					
Secondary Current	1.60-2.05				
Input Current.....	0.85-1.26	0.46-0.68	0.42-0.64	-	-

Capacitor: 7C280P30RA



Capacitance: 28  
Dia/Oval Dim: 1.85  
Height: 3.7  
Temp Rating: 105°C

Wiring Diagram:

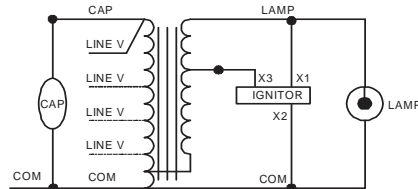


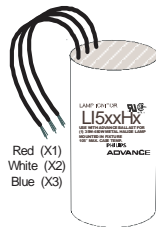
Fig. K

**Ordering Information**

Order Suffix

Description

Ignitor: LI533-H4



Red (X1)  
White (X2)  
Blue (X3)

Ballast to Lamp Distance (BTL) = 5 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.**

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07/31/09