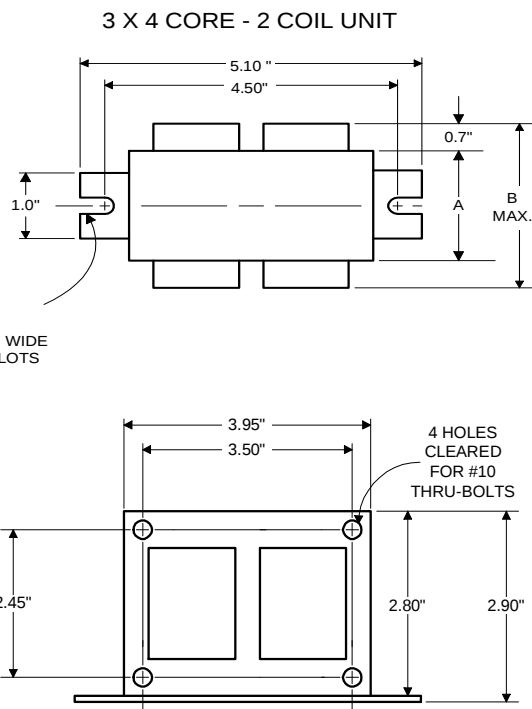


PHILIPS ADVANCE

Metal
Halide
Lamp Ballast

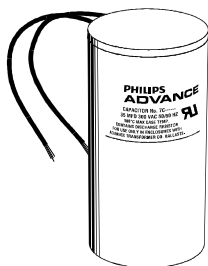
Catalog Number 71A52A2
For 70W M98/M143
60 Hz HX-HPF
Status: Active

DIMENSIONS AND DATA



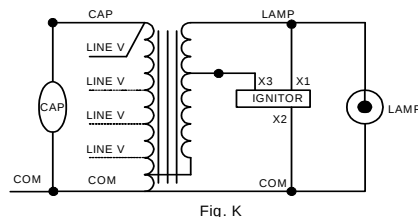
INPUT VOLTS	120	277	347		
CIRCUIT TYPE	HX-HPF				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±5%				
Lamp Watts	±10%				
LINE CURRENT (Amps)					
Operating.....	0.81	0.35	0.28		
Open Circuit.....	1.90	0.80	0.65		
Starting.....	0.55	0.25	0.20		
UL TEMPERATURE RATINGS					
Insulation Class	H(180°C)				
Coil Temperature Code	1029				
MIN. AMBIENT STARTING TEMP.	-20°F or -30°C				
NOM. OPEN CIRCUIT VOLTAGE	255				
INPUT VOLTAGE AT LAMP DROPOUT.....	90	208	260		
INPUT WATTS	88				
RECOMMENDED FUSE (Amps).....	4	2	2		
CORE and COIL					
Dimension (A)	1.45				
Dimension (B)	2.75				
Weight (lbs.)	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)	230-280				
Short-Circuit Current Test (Amps)					
Secondary Current	0.95-1.25				
Input Current.....	0.55-0.80	0.25-0.45	0.20-0.35	-	-

Capacitor: 7C080L30RA



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

Wiring Diagram:



Ordering Information

Order Suffix

Description

Ignitor:

LI533-H4



Ballast to Lamp Distance
 (BTL) = 15 feet
 Temp Rating: 105°C

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

Philips Lighting Electronic N.A.

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07/31/09