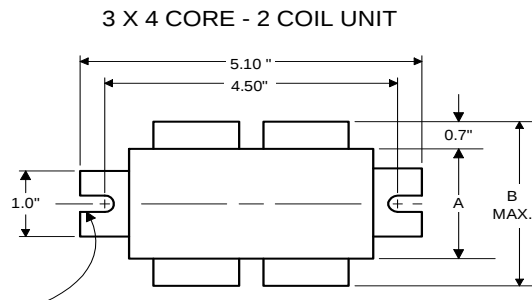


**PHILIPS
ADVANCE**

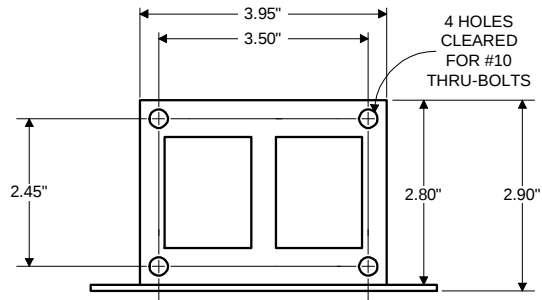
Metal
Halide
Lamp Ballast

Catalog Number 71A53H0
For 100W M90/M140
60 Hz HX-HPF
Status: Active

DIMENSIONS AND DATA



0.25" WIDE
2 SLOTS



Capacitor: 7C120M30RA



Capacitance: 12
Dia/Oval Dim: 1.65
Height: 2.75
Temp Rating: 105°C

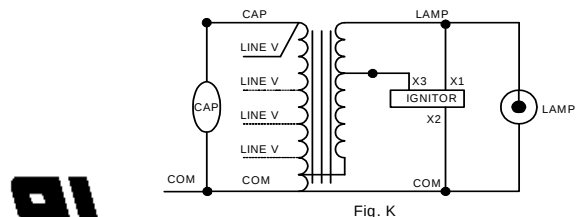
Ignitor: LI533-H4



Ballast to Lamp Distance
(BTL) = 25 feet
Temp Rating: 105°C

INPUT VOLTS	127	220			
CIRCUIT TYPE	HX-HPF				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±5%				
Lamp Watts	±12%				
LINE CURRENT (Amps)					
Operating.....	1.00	0.64			
Open Circuit.....	2.20	1.30			
Starting.....	1.25	0.90			
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	280				
INPUT VOLTAGE AT LAMP DROPOUT.....	65	129			
INPUT WATTS	129				
RECOMMENDED FUSE (Amps).....	5	3			
CORE and COIL					
Dimension (A)	1.70				
Dimension (B)	2.90				
Weight (lbs.)	5.5				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	12.0				
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)	250-315				
Short-Circuit Current Test (Amps)					
Secondary Current	1.30-1.60				
Input Current.....	0.75-1.15	0.35-0.65	-	-	-

Wiring Diagram:



Ordering Information

Order Suffix	Description
500DML	Dry cap, NOM, Spanish label, No flag terminals, No bracket

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.

10275 West Higgins Road · Rosemont, IL 60018 · Tel:800-322-2086 Fax:888-432-1882
Customer Support/ Technical Service:800-372-3331 · OEM Support: 866-915-5886

08/27/13