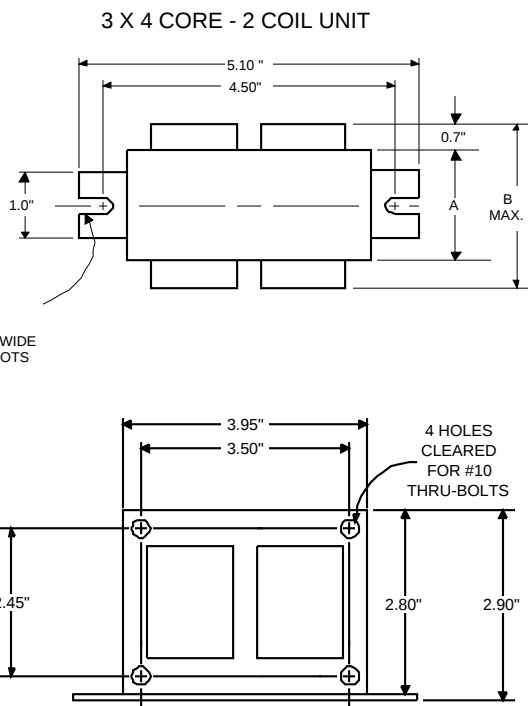


**PHILIPS
ADVANCE**

**Metal
Halide
Lamp Ballast**

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

DIMENSIONS AND DATA



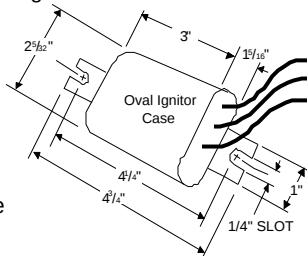
Capacitor: 7C080L33-R



Capacitance: 8
 Dia/Oval Dim: 1.25
 Height: 2.9

Temp Rating: 105°C

Ignitor: LI522-H5



Ballast to Lamp Distance
(BTL) = 20 feet
 Temp Rating: 105°C

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	H(180°C)				
Insulation Class	1029				
Coil Temperature Code	-20°F or -30°C				
MIN. AMBIENT STARTING TEMP.	245				
NOM. OPEN CIRCUIT VOLTAGE					
INPUT VOLTAGE AT LAMP DROPOUT.....	94	80	190		
INPUT WATTS					
RECOMMENDED FUSE (Amps).....	4	2			
CORE and COIL	1.50				
Dimension (A)	2.70				
Dimension (B)	5.5				
Weight (lbs.)	12"				
Lead Lengths					
CAPACITOR REQUIREMENT	8.0				
Microfarads	280				
Volts (min.)					
Fault Current Withstand (amps)					
60 Hz TEST PROCEDURES (Refer to Philips Lighting Electronics N.A. TEST Procedure for HID Ballasts - Form High Potential Test (Volts)	2000				
1 minute	2500				
2 seconds	220-270				
Open Circuit Voltage Test (Volts)					
Short-Circuit Current Test (Amps)	1.10-1.40				
Secondary Current					
Input Current.....	0.70	0.30	-	-	-
	1.10	0.50			

Wiring Diagram:

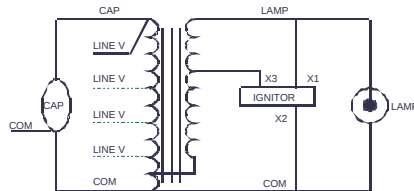


Fig. K3

Typical Ordering Information

(please call Philips Lighting Electronics N.A. for suffix availability)

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

PHILIPS LIGHTING ELECTRONICS N.A.

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