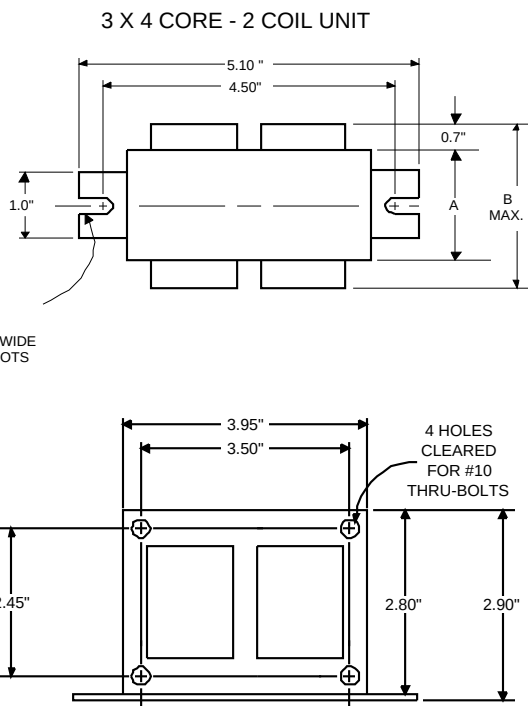


**PHILIPS
ADVANCE**

**Metal
Halide
Lamp Ballast**

Catalog Number 71A5281
For 70W M139
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

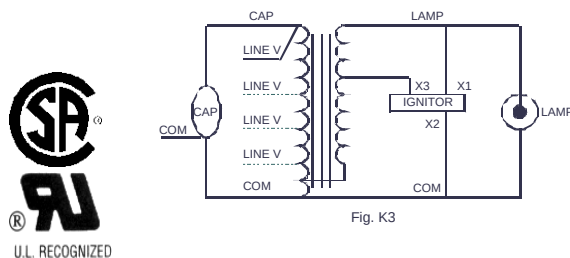
Ignitor: LI533-H4



Ballast to Lamp Distance
(BTL) = 10 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						
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 Philips Lighting Electronics N.A. TEST Procedure for HID Ballasts - Form 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	0.30	-	-	-
		1.10	0.50			

Wiring Diagram:



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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