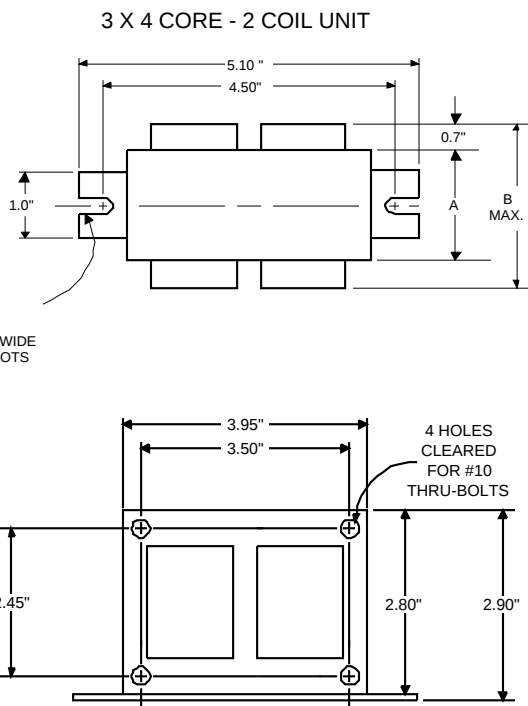


**PHILIPS
ADVANCE**

**Metal
Halide
Lamp Ballast**

Catalog Number 71A5292
For 70W M98/M143
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

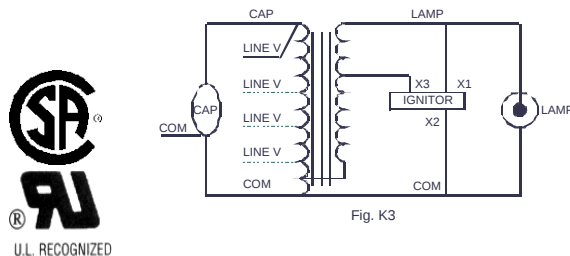
Ignitor: LI533-H4



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

INPUT VOLTS		120	208	240	277
CIRCUIT TYPE	HX-HPF				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±5%				
Lamp Watts	±7%				
LINE CURRENT (Amps)					
Operating.....		0.80	0.46	0.40	0.35
Open Circuit.....		1.90	1.00	0.90	0.80
Starting.....		0.55	0.30	0.25	0.25
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	156	180	208
INPUT WATTS	88				
RECOMMENDED FUSE (Amps).....		4	3	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 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)	230-280				
Short-Circuit Current Test (Amps)					
Secondary Current	0.95-1.25				
Input Current.....		0.55	0.35	0.30	0.25
		0.80	0.50	0.50	0.45

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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