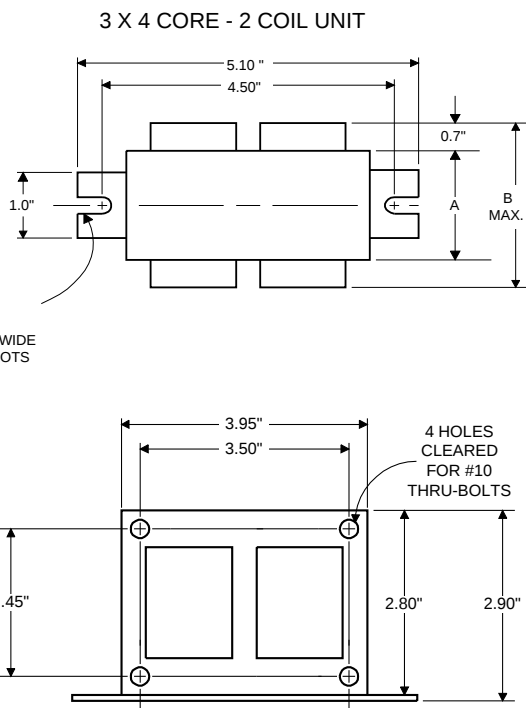


PHILIPS
ADVANCE

**Metal
Halide
Lamp Ballast**

Catalog Number 71A5492
For 150W M102/M142
60 Hz HX-HPF
Status: Active

DIMENSIONS AND DATA



Capacitor: 7C160M30RA



Capacitance: 16
Dia/Oval Dim: 1.65
Height: 2.75
Temp Rating: 105°C

Ignitor: LI533-H4



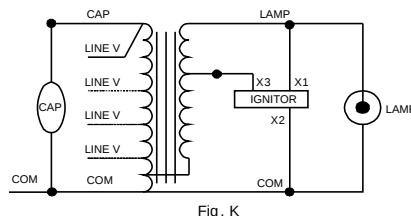
Ballast to Lamp Distance
(BTL) = 10 feet
Temp Rating: 105°C

INPUT VOLTS	120	208	240	277
CIRCUIT TYPE	HX-HPF			
POWER FACTOR (min)	90%			
REGULATION				
Line Volts	±5%			
Lamp Watts	±12%			
LINE CURRENT (Amps)				
Operating.....	1.60	1.00	0.80	0.70
Open Circuit.....	3.65	2.10	1.80	1.58
Starting.....	1.75	1.30	0.85	0.77
UL TEMPERATURE RATINGS	H(180°C)			
Insulation Class	1029			
Coil Temperature Code	-20°F or -30°C			
MIN. AMBIENT STARTING TEMP.	265			
NOM. OPEN CIRCUIT VOLTAGE				
INPUT VOLTAGE AT LAMP DROPOUT.....	185	90	156	180
INPUT WATTS				
RECOMMENDED FUSE (Amps).....	10	5	5	4
CORE and COIL				
Dimension (A)	2.25			
Dimension (B)	3.87			
Weight (lbs.)	7			
Lead Lengths	12"			
CAPACITOR REQUIREMENT				
Microfarads	16.0			
Volts (min.)	280			
Fault Current Withstand (amps)				
60 Hz TEST PROCEDURES (Refer to Philips Lighting Electronics N.A. TEST Procedure for HID Ballasts - Form 127				
High Potential Test (Volts)				
1 minute	2000			
2 seconds	2500			
Open Circuit Voltage Test (Volts)	235-290			
Short-Circuit Current Test (Amps)	2.05-2.55			
Secondary Current				
Input Current.....	1.45-	1.10-	0.75-	0.63-
	2.20	1.65	1.10	0.95

RoHS
COMPLIANT

SA
U.L. RECOGNIZED

Wiring Diagram:



Typical Ordering Information

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

Order Suffix

Description

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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