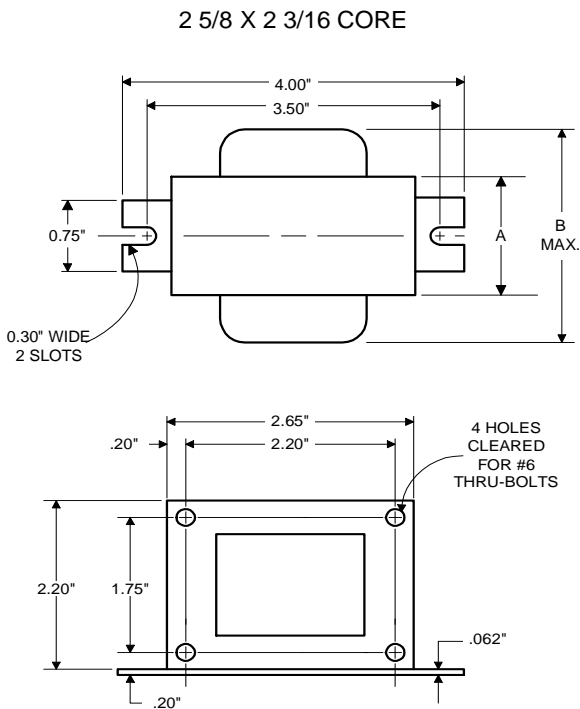


# PHILIPS ADVANCE

Metal  
Halide  
Lamp Ballast

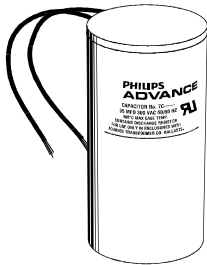
Catalog Number 71A5437BP  
For 150W M102 / M142  
60 Hz R-HPF  
Status: Active

### DIMENSIONS AND DATA



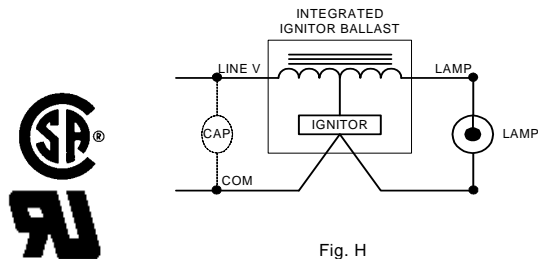
INPUT VOLTS	277				
CIRCUIT TYPE	R-HPF				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±5%				
Lamp Watts	±10%				
LINE CURRENT (Amps)					
Operating.....	0.63				
Open Circuit.....	1.50				
Starting.....	0.70				
UL TEMPERATURE RATINGS					
Insulation Class	H(180°C)				
Coil Temperature Code	1029				
MIN. AMBIENT STARTING TEMP.	-20°F or -30°C				
NOM. OPEN CIRCUIT VOLTAGE	277				
INPUT VOLTAGE AT LAMP DROPOUT.....	170				
INPUT WATTS	173				
RECOMMENDED FUSE (Amps).....	4				
CORE and COIL					
Dimension (A)	2.50				
Dimension (B)	4.00				
Weight (lbs.)	4.2				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	14.0				
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)	250-305				
Short-Circuit Current Test (Amps)					
Secondary Current	2.00-2.50				
Input Current.....	0.50-0.75				

Capacitor: 7C140M30RA



Capacitance: 14  
Dia/Oval Dim: 1.65  
Height: 2.75  
Temp Rating: 105°C

#### Wiring Diagram:



#### Ordering Information

Order Suffix	Description

Ignitor: INTEGRAL

An ignitor integral to the core and coil assembly is used to start the lamp.

Ballast to Lamp Distance (BTL) = 2 feet  
Temp Rating: 125°C

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.

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08/27/13