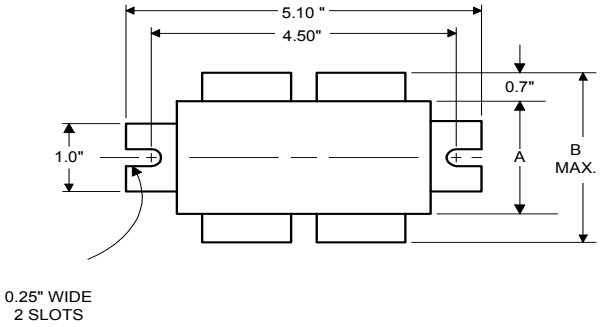
PHILIPS
ADVANCE

Metal Halide Lamp Ballast

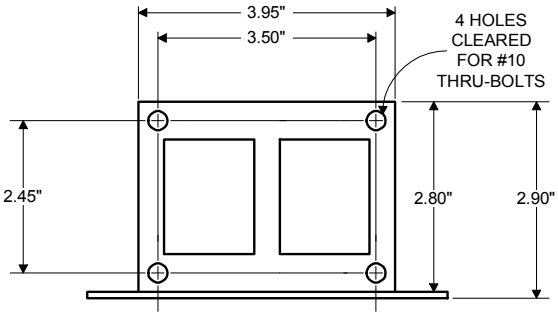
Catalog Number 71A5443T
For 150W M102/M142 (PS)
60 Hz SUPER-CWA
Status: Active

DIMENSIONS AND DATA

3 X 4 CORE - 2 COIL UNIT

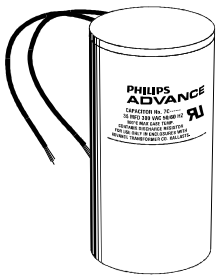


0.25" WIDE
2 SLOTS



INPUT VOLTS		480				
CIRCUIT TYPE	SUPER-CWA					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±10%					
Lamp Watts	±10%					
LINE CURRENT (Amps)						
Operating		0.39				
Open Circuit		0.33				
Starting		0.70				
UL TEMPERATURE RATINGS						
Insulation Class	H(180°C)					
Coil Temperature Code	1029	C				
MIN. AMBIENT STARTING TEMP.	-20°F or -30°C					
NOM. OPEN CIRCUIT VOLTAGE	212					
INPUT VOLTAGE AT LAMP DROPOUT		240				
INPUT WATTS	185					
RECOMMENDED FUSE (Amps)		5				
CORE and COIL						
Dimension (A)	2.40					
Dimension (B)	3.75					
Weight (lbs.)	7.5					
Lead Lengths	12"					
CAPACITOR REQUIREMENT						
Microfarads	16.0					
Volts (min.)	300					
Fault Current Withstand (amps)						
60 Hz TEST PROCEDURES (Refer to Advance Test Procedure for HID Ballasts - Form 1270)						
High Potential Test (Volts)						
1 minute	1500					
2 seconds	2500					
Open Circuit Voltage Test (Volts)	192-231					
Short-Circuit Current Test (Amps)						
Secondary Current	1.97-2.40					
Input Current		0.13-0.17	-	-	-	-

Capacitor: 7C160M30RA



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

Ignitor: LI501-J4



Ballast to Lamp Distance (BTL) = 5 feet
Temp Rating: 105°C

Wiring Diagram:

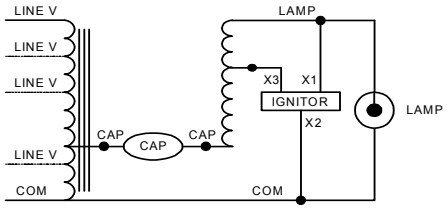


Fig. M

Ordering Information

Order Suffix	Description

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

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12/16/09