

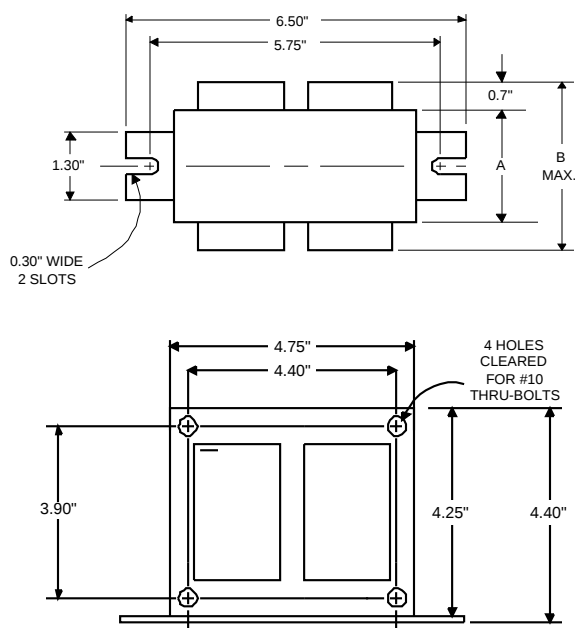
**PHILIPS
ADVANCE**

**Metal
Halide
Lamp Ballast**

**Catalog Number 71A6343T
For 450W M144 (Pulse Start)
60 Hz SUPER-CWA
Status: Active**

DIMENSIONS AND DATA

4 1/4 X 4 3/4 CORE - 2 COIL UNIT



Capacitor: 7C265P40R



Capacitance: 26.5
Dia/Oval Dim: 1.75
Height: 5.125
Temp Rating: 105°C

Ignitor: LI533-H4



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

INPUT VOLTS	480				
CIRCUIT TYPE	SUPER-CWA				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±10%				
Lamp Watts	±10%				
LINE CURRENT (Amps)					
Operating.....	1.10				
Open Circuit.....	0.70				
Starting.....	0.65				
UL TEMPERATURE RATINGS					
Insulation Class	H(180°C)				
Coil Temperature Code	1029	D			
MIN. AMBIENT STARTING TEMP.	-20°F or -30°C				
NOM. OPEN CIRCUIT VOLTAGE	267				
INPUT VOLTAGE AT LAMP DROPOUT.....	270				
INPUT WATTS	514				
RECOMMENDED FUSE (Amps).....	3				
CORE and COIL					
Dimension (A)	2.40				
Dimension (B)	4.15				
Weight (lbs.)	14				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	26.5				
Volts (min.)	360				
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)	240-295				
Short-Circuit Current Test (Amps)					
Secondary Current	3.85-4.75				
Input Current.....	0.50	-	-	-	-
	0.75				

Wiring Diagram:

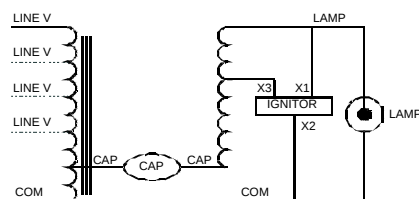


Fig. M

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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