



Metal  
Halide  
Lamp Ballast

Catalog Number 71A5541TEE  
For 175W M137/M152 (P.S.)  
60 Hz SUPER-CWA  
Status: Active

**DIMENSIONS AND DATA**

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



INPUT VOLTS	480				
CIRCUIT TYPE	SUPER-CWA				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±10%				
Lamp Watts	±10%				
LINE CURRENT (Amps)					
Operating.....	0.42				
Open Circuit.....	0.31				
Starting.....	0.17				
UL TEMPERATURE RATINGS					
Insulation Class	H(180°C)				
Coil Temperature Code	1029	A			
MIN. AMBIENT STARTING TEMP.	-20°F or -30°C				
NOM. OPEN CIRCUIT VOLTAGE	285				
INPUT VOLTAGE AT LAMP DROPOUT.....	240				
INPUT WATTS	198				
RECOMMENDED FUSE (Amps).....	2				
CORE and COIL					
Dimension (A)	1.80				
Dimension (B)	3.70				
Weight (lbs.)	11.4				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	11.0				
Volts (min.)	370				
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)	260-305				
Short-Circuit Current Test (Amps)					
Secondary Current	1.67-2.00				
Input Current.....	0.13-0.20	-	-	-	-

Capacitor: 7C110M40



Capacitance: 11  
Dia/Oval Dim: 1.65  
Height: 3.75  
Temp Rating: 105°C

Wiring Diagram:

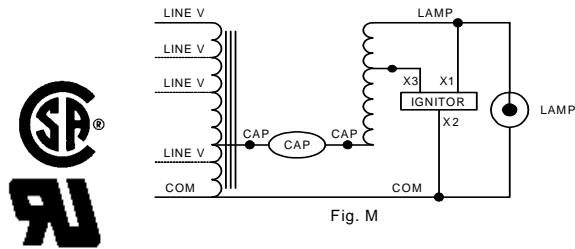


Fig. M

**Ordering Information**

Order Suffix	Description
EE	EISA COMPLIANT - 88% EFFICIENT BALLAST

Ignitor: LI533-H4



Red (X1)  
White (X2)  
Blue (X3)

Ballast to Lamp Distance (BTL) = 2 feet  
Temp Rating: 105°C

Data is based upon tests performed by Advance Transformer in a controlled environment and representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

**ADVANCE TRANSFORMER CO.**

O'HARE INTERNATIONAL CENTER · 10275 WEST HIGGINS ROAD · ROSEMONT, IL 60018  
Customer Support/Technical Service: Phone: 800-372-3331 · Fax: 847-768-7768  
Corporate Offices: Phone: 800-322-2086

10/26/09