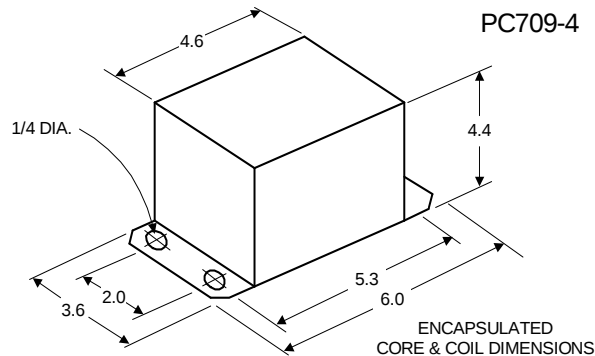


**PHILIPS
ADVANCE**

**Metal
Halide
Lamp Ballast**

**Catalog Number 73B5383
For 100W M90/M140
60 Hz CWA
Status: Active**

DIMENSIONS AND DATA



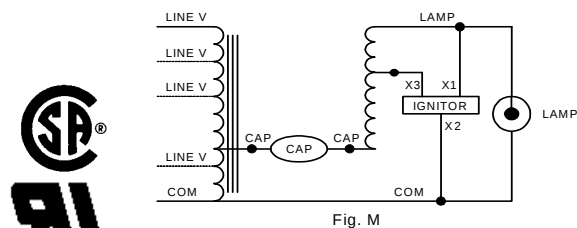
INPUT VOLTS	120	277			
CIRCUIT TYPE	CWA				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±10%				
Lamp Watts	±8%				
LINE CURRENT (Amps)					
Operating.....	1.15	0.50			
Open Circuit.....	1.05	0.45			
Starting.....	0.80	0.35			
UL TEMPERATURE RATINGS					
Insulation Class	H(180°C)				
Coil Temperature Code	1029				
MIN. AMBIENT STARTING TEMP.	-20°F or -30°C				
NOM. OPEN CIRCUIT VOLTAGE	235				
INPUT VOLTAGE AT LAMP DROPOUT.....	60	140			
INPUT WATTS	128				
RECOMMENDED FUSE (Amps).....	3	2			
CORE and COIL					
Dimension (A)					
Dimension (B)					
Weight (lbs.)	10				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	10.0				
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	2000				
2 seconds	2500				
Open Circuit Voltage Test (Volts)	210-260				
Short-Circuit Current Test (Amps)					
Secondary Current	1.20-1.45				
Input Current.....	0.55-0.85	0.25-0.35	-	-	-

Capacitor: 7C100M30RA



Capacitance: 10
Dia/Oval Dim: 1.65
Height: 2.75
Temp Rating: 105°C

Wiring Diagram:



Ordering Information

Order Suffix

Description

Ignitor: LI533-H4



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

10275 West Higgins Road · Rosemont, IL 60018 · Tel:800-322-2086 Fax:888-432-1882
Customer Support/ Technical Service:800-372-3331 · OEM Support: 866-915-5886

06/28/13