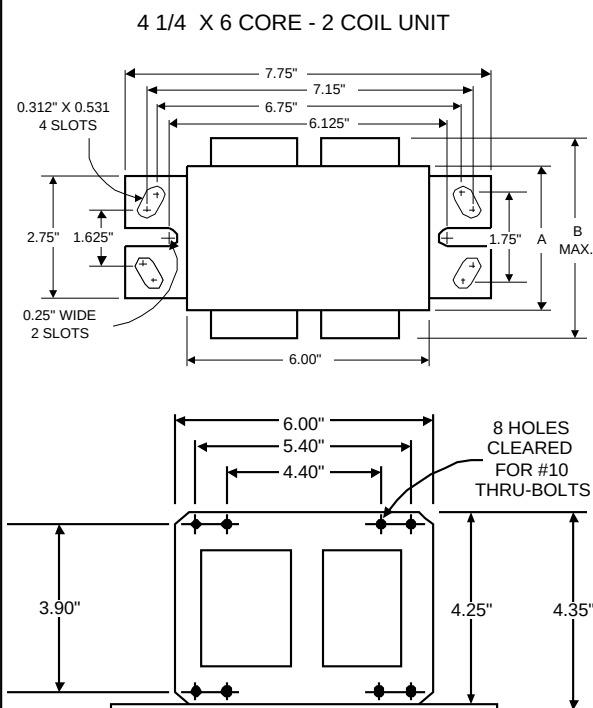


**PHILIPS
ADVANCE**

**Metal
Halide
Lamp Ballast**

**Catalog Number 71A64E2
For 750W M149 (Pulse Start)
60 Hz SUPER-CWA
Status: Active**

DIMENSIONS AND DATA

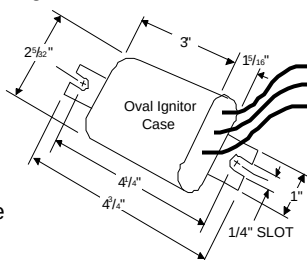


Capacitor: 7C280S40



Capacitance: 28
Dia/Oval Dim: 2.00
Height: 5.12
Temp Rating: 105°C

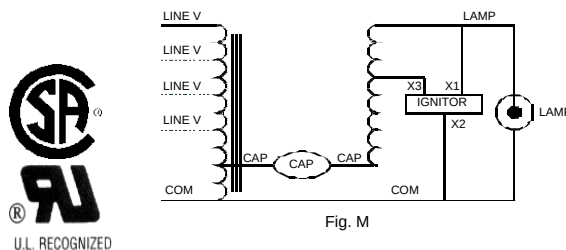
Ignitor: LI573-H5



Ballast to Lamp Distance
(BTL) = 15 feet
Temp Rating: 105°C

INPUT VOLTS		120	208	240		
CIRCUIT TYPE	SUPER-CWA					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±10%					
Lamp Watts	±10%					
LINE CURRENT (Amps)						
Operating.....		7.00	4.00	3.50		
Open Circuit.....		3.60	2.00	1.80		
Starting.....		5.60	3.30	2.80		
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	355					
INPUT VOLTAGE AT LAMP DROPOUT.....		60	104	120		
INPUT WATTS	812					
RECOMMENDED FUSE (Amps).....		20	10	10		
CORE and COIL						
Dimension (A)	2.20					
Dimension (B)	4.25					
Weight (lbs.)	17					
Lead Lengths	12"					
CAPACITOR REQUIREMENT						
Microfarads	28.0					
Volts (min.)	400					
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)	320-390					
Short-Circuit Current Test (Amps)						
Secondary Current	5.00-6.00					
Input Current.....		4.40	2.50	2.20	-	-
		6.60	3.80	3.30		

Wiring Diagram:



Typical Ordering Information

(please call Philips Lighting Electronics N.A. for suffix availability)

Order Suffix	Description
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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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