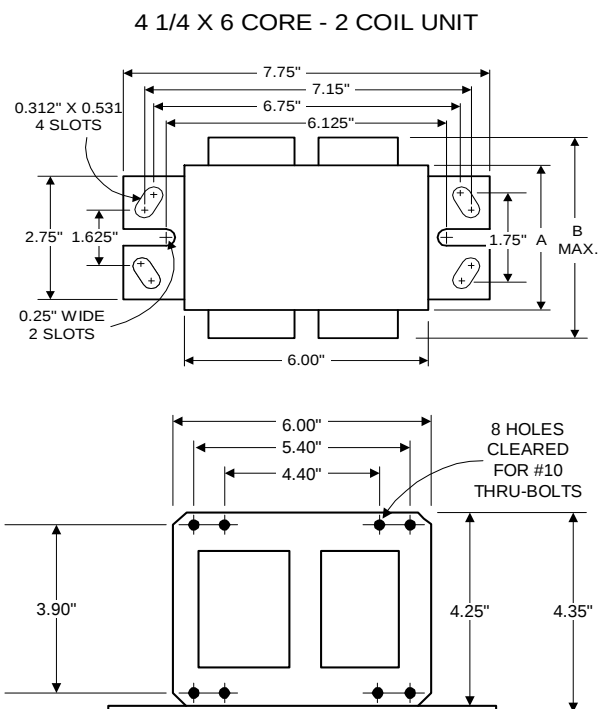


**PHILIPS
ADVANCE**

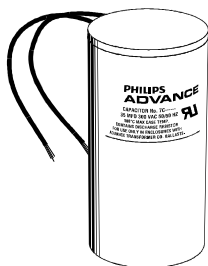
Metal
Halide
Lamp Ballast

Catalog Number 71A64F2
For 750W M149 (Pulse Start)
60 Hz SUPER-CWA
Status: Active

DIMENSIONS AND DATA

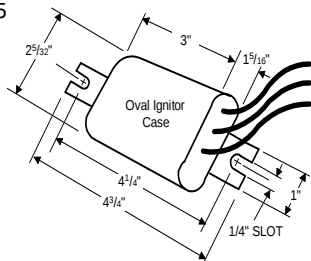


Capacitor: 7C280S40



Capacitance: 28
Dia/Oval Dim: 2.00
Height: 4.8
Temp Rating: 105°C

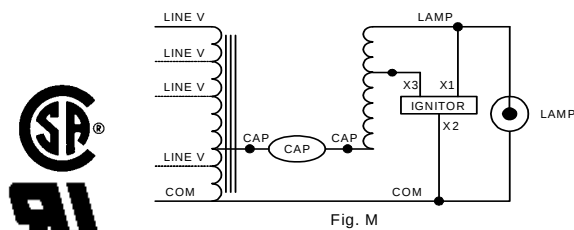
Ignitor: LI573-H5



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

		277	347	480		
INPUT VOLTS						
CIRCUIT TYPE	SUPER-CWA					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±10%					
Lamp Watts	±10%					
LINE CURRENT (Amps)						
Operating.....		3.00	2.45	1.75		
Open Circuit.....		1.80	1.45	1.00		
Starting.....		2.20	1.65	1.25		
UL TEMPERATURE RATINGS						
Insulation Class	H(180°C)					
Coil Temperature Code	1029	E	E	E		
MIN. AMBIENT STARTING TEMP.	-20°F or -30°C					
NOM. OPEN CIRCUIT VOLTAGE	355					
INPUT VOLTAGE AT LAMP DROPOUT.....		138	174	240		
INPUT WATTS	818					
RECOMMENDED FUSE (Amps).....		8	7	5		
CORE and COIL						
Dimension (A)	2.28					
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 Advance Test Procedure for HID Ballasts - Form 1270)						
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.....		1.70-2.60	1.35-2.05	1.00-1.50	-	-

Wiring Diagram:



Ordering Information

Order Suffix

Description

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.

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05/26/04