

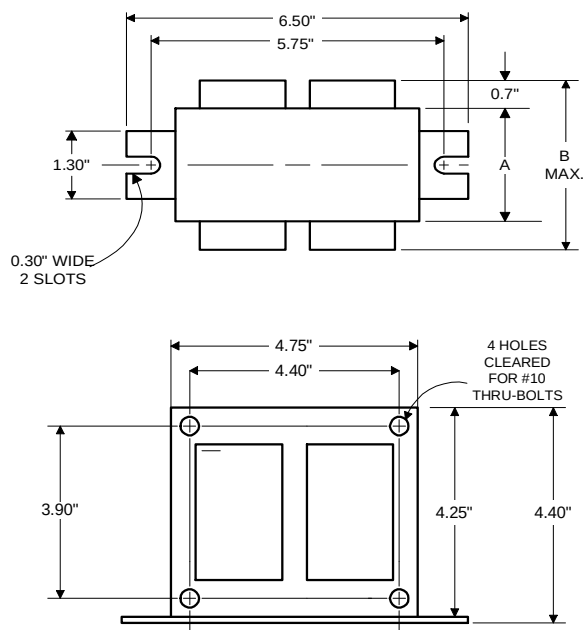
PHILIPS ADVANCE

Metal
Halide
Lamp Ballast

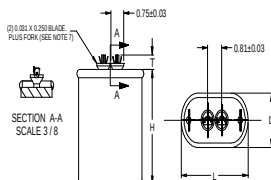
Catalog Number 71A64F8T
For 875W M166 (Pulse Start)
60 Hz SUPER-CWA
Status: Active

DIMENSIONS AND DATA

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



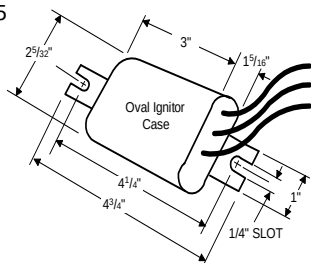
Capacitor: MD2100-030



Capacitance: 21
Dia/Oval Dim: 1.75
Height: 3.9
Temp Rating: 90°C

Ignitor:

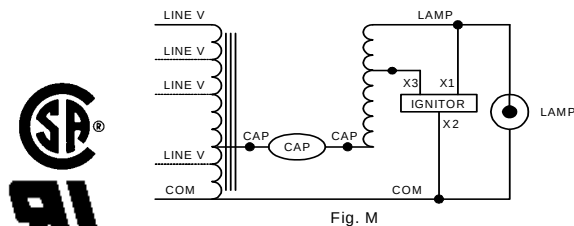
LI572-H5



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

INPUT VOLTS	347	480			
CIRCUIT TYPE	SUPER-CWA				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±10%				
Lamp Watts	±10%				
LINE CURRENT (Amps)					
Operating.....	2.75	2.00			
Open Circuit.....	1.70	0.95			
Starting.....	2.80	1.65			
UL TEMPERATURE RATINGS					
Insulation Class	N(200°C)				
Coil Temperature Code	1029				
MIN. AMBIENT STARTING TEMP.	-30°F or -35°C				
NOM. OPEN CIRCUIT VOLTAGE	415				
INPUT VOLTAGE AT LAMP DROPOUT.....	180	250			
INPUT WATTS	945				
RECOMMENDED FUSE (Amps).....	7	5			
CORE and COIL					
Dimension (A)	3.00				
Dimension (B)	5.00				
Weight (lbs.)	17.5				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	21.0				
Volts (min.)	480				
Fault Current Withstand (amps)					
60 Hz TEST PROCEDURES (Refer to Advance Test Procedure for HID Ballasts - Form 1270)					
High Potential Test (Volts)					
1 minute	1500				
2 seconds	2500				
Open Circuit Voltage Test (Volts)	375-455				
Short-Circuit Current Test (Amps)					
Secondary Current	4.45-5.40				
Input Current.....	2.25-3.35	1.30-2.00	-	-	-

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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