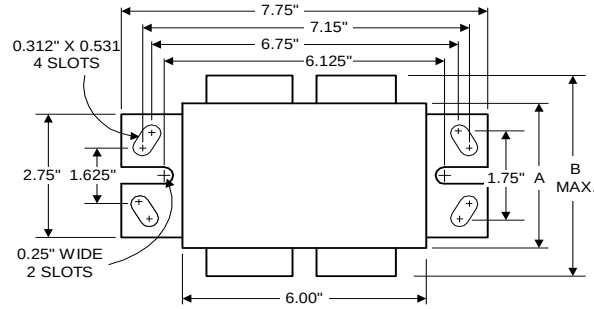
PHILIPS
ADVANCE

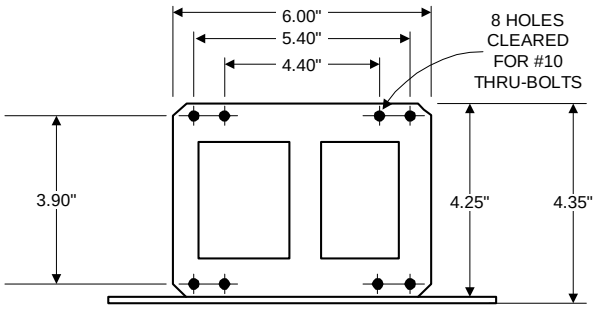
Metal Halide Lamp Ballast

Catalog Number 71A65F3TA
For 1000W M141 (Pulse Start)
60 Hz SUPER-CWA
Status: Active

DIMENSIONS AND DATA

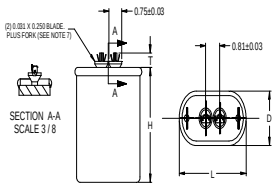
4 1/4 X 6 CORE - 2 COIL UNIT





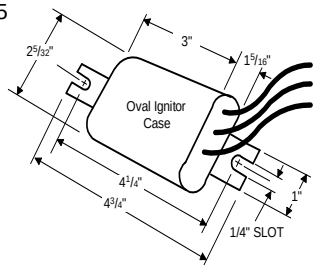
INPUT VOLTS		277	347	480		
CIRCUIT TYPE	SUPER-CWA					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±10%					
Lamp Watts	±10%					
LINE CURRENT (Amps)						
Operating		3.96	3.17	2.26		
Open Circuit		1.91	1.52	1.05		
Starting		3.13	2.46	1.81		
UL TEMPERATURE RATINGS						
Insulation Class	N(200℃)					
Coil Temperature Code	1029	A	A	A		
MIN. AMBIENT STARTING TEMP.	-20℉ or -30℃					
NOM. OPEN CIRCUIT VOLTAGE	433					
INPUT VOLTAGE AT LAMP DROPOUT		190	240	320		
INPUT WATTS	1080					
RECOMMENDED FUSE (Amps)		10	8	6		
CORE and COIL						
Dimension (A)	3.30					
Dimension (B)	5.30					
Weight (lbs.)	21					
Lead Lengths	12"					
CAPACITOR REQUIREMENT						
Microfarads	24.0					
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	2000					
2 seconds	2500					
Open Circuit Voltage Test (Volts)	390-476					
Short-Circuit Current Test (Amps)						
Secondary Current	4.60-6.90					
Input Current		2.50-3.76	1.97-2.95	1.45-2.17	-	-

Capacitor: MD2409-000



Capacitance:	24
Dia/Oval Dim:	1.75
Height:	3.9
Temp Rating:	90℃

Ignitor: LI571-H5



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

Wiring Diagram:

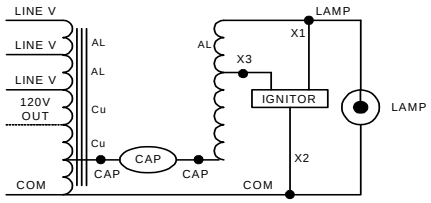


Fig. MT3

Ordering Information

Order Suffix	Description
500.	Ballast with Ignitor and Oil Filled Capacitor

Data is based upon tests performed by Philips Lighting Electronic N.A. in a controlled environment and representitive 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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Customer Support/ Technical Service:800-372-3331 · OEM Support: 866-915-5886