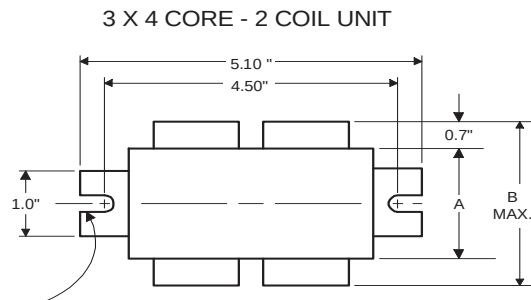


PHILIPS ADVANCE

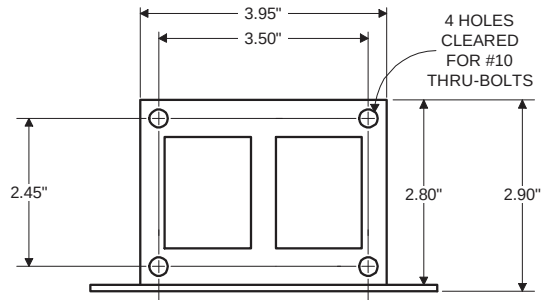
Metal
Halide
Lamp Ballast

Catalog Number 71A9938
For 70W M85
60 Hz HX-HPF
Status: Active

DIMENSIONS AND DATA



0.25" WIDE
2 SLOTS



INPUT VOLTS		127	220	240		
CIRCUIT TYPE	HX-HPF					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±5%					
Lamp Watts	±10%					
LINE CURRENT (Amps)						
Operating.....		0.83	0.50	0.46		
Open Circuit.....		1.72	1.00	0.92		
Starting.....		0.78	0.40	0.38		
UL TEMPERATURE RATINGS						
Insulation Class	H(180°C)					
Coil Temperature Code	1029					
MIN. AMBIENT STARTING TEMP.	-20°F or -30°C	A	A	A		
NOM. OPEN CIRCUIT VOLTAGE	242					
INPUT VOLTAGE AT LAMP DROPOUT.....		95	165	180		
INPUT WATTS	99					
RECOMMENDED FUSE (Amps).....		4	3	3		
CORE and COIL						
Dimension (A)	1.47					
Dimension (B)	2.77					
Weight (lbs.)	5.27					
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)	218-266					
Short-Circuit Current Test (Amps)						
Secondary Current	1.12-1.38					
Input Current.....		0.55-0.82	0.34-0.51	0.34-0.51	-	-

Capacitor: 7C100M30RA



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

Wiring Diagram:

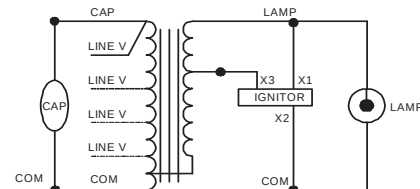


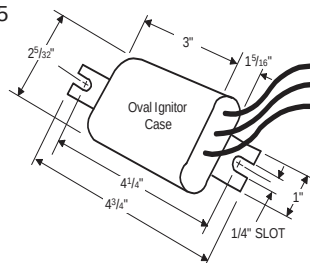
Fig. K

Ordering Information

Order Suffix

Description

Ignitor: LI522-H5



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.

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03/24/14