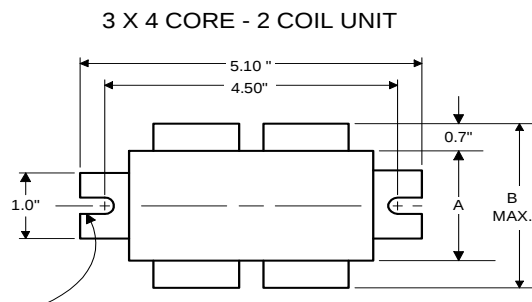


PHILIPS ADVANCE

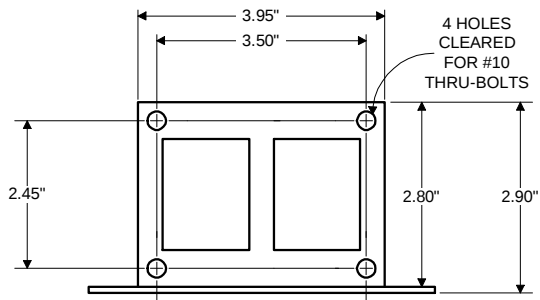
Metal
Halide
Lamp Ballast

Catalog Number 71A53N0
For 100W M90/M140
50 Hz HX-HPF
Status: Active

DIMENSIONS AND DATA

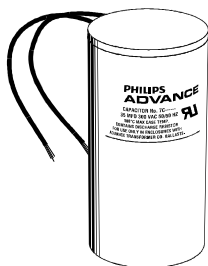


0.25" WIDE
2 SLOTS



INPUT VOLTS	120	220	240		
CIRCUIT TYPE	HX-HPF				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±5%				
Lamp Watts	±12%				
LINE CURRENT (Amps)					
Operating.....	1.15	0.65	0.60		
Open Circuit.....	2.20	1.20	1.10		
Starting.....	1.30	0.70	0.65		
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	266				
INPUT VOLTAGE AT LAMP DROPOUT.....	85	155	170		
INPUT WATTS	129				
RECOMMENDED FUSE (Amps).....	6	3	3		
CORE and COIL					
Dimension (A)	1.90				
Dimension (B)	3.20				
Weight (lbs.)	6				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	17.5				
Volts (min.)	240				
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)	240-295				
Short-Circuit Current Test (Amps)					
Secondary Current	1.00-1.25				
Input Current.....	0.32-0.52	0.15-0.30	0.16-0.25	-	-

Capacitor: 7C175M30RA



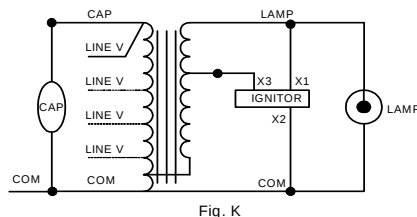
Capacitance: 17.5
Dia/Oval Dim: 1.65
Height: 3.7
Temp Rating: 105°C

Ignitor: LI533-H4



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

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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07/31/09