BALLAST SPECIFICATION

Precision Lamp & Transformer

100W M90

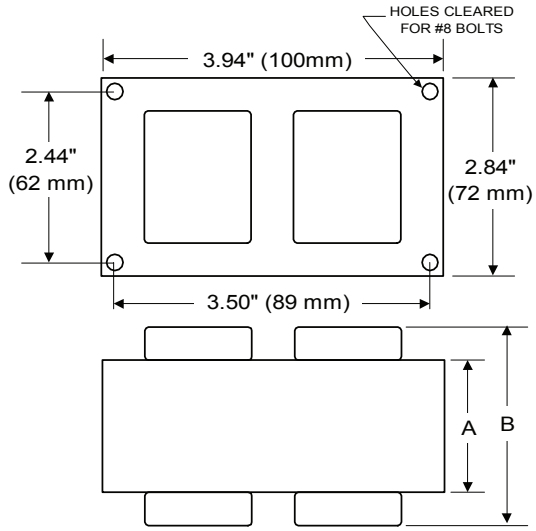
Pulse Start Metal Halide

100PX2TK

60 Hz HX-HPF

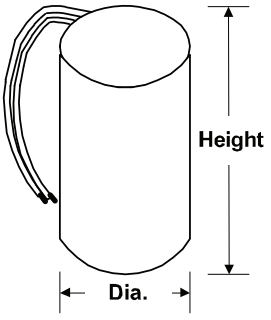
Input Volts	120	277
Line Current (Amps)		
Operating	1.10	0.50
Open Circuit	2.60	1.15
Starting	0.70	0.30
Recommended Fuse (Amps)	7	3
Regulation		
Line Volts	±5%	±5%
Lamp Watts	±10%	±10%
Temperature Ratings		
Insulation Class	180 (H)	180 (H)
Coil Temperature Code	A	A
Benchtop Coil Rise	70.1	71.8
Power Factor (Min)	90%	90%
Input Watts	125 W	125 W
Efficiency		
NOM. Open Circuit Voltage	270	270
Input Voltage At Lamp Dropout	80	180
Min Ambient Starting Temp	-20°F/-30°C*	-20°F/-30°C*
60 HZ TEST PROCEDURES		
High Potential Test (Volts)		
1 Minute	1,600 V	1,600 V
1 Second	1,900 V	1,900 V
Open Circuit Voltage Test (V)	240 - 300	240 - 300
Short Circuit Current Test (A)		
Secondary Current Min	1.20	1.20
Secondary Current Max	1.50	1.50
Input Current Min	0.40	0.15
Input Current Max	0.75	0.35
CORE and COIL Specifications		
Dimension (A)	1.70 in	1.70 in
Dimension (B)	3.10 in	3.10 in
Weight	5.2 lb's	5.2 lb's
Lead Lengths	12 "	12 "
Capacitor Requirement		
Microfarads	12.0 uf	12.0 uf
Volts (Min)	280 V	280 V

3X4 CORE.WMF

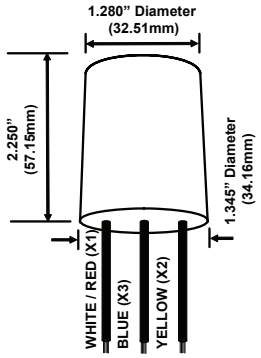


Capacitor:	ACG321
Microfarads:	12.0 uf
Volts (Max):	330 V
Case Temp (Max)	100 °C
Height (Max):	2.76 in
Dia (Max):	1.62 in

Ignitor:	BVS-032
Case Temp (Max):	105 °C
BTL Distance (Max)	2 ft



Dry Type Capacitor with Leads



Ordering Information Add Suffix for options

C - With Capacitor

K - Prewired, with Capacitor and Bracket Kit

B - With Welded Bracket, no cap

CB - With Capacitor and Welded Bracket

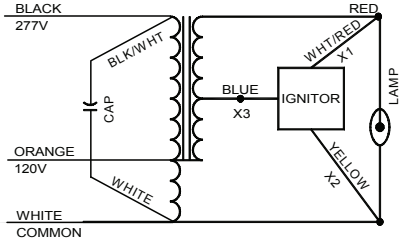
* -40°F/-40°C Min Ambient Starting Temp

Coil material: primary Cu and secondary Al

RoHS compliant on all manufactured products after August 1, 2007

Data is based upon tests performed in a controlled environment and is representitive of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

RoHS



8/25/2009 Production