BALLAST SPECIFICATION

Precision Lamp & Transformer

150W M102

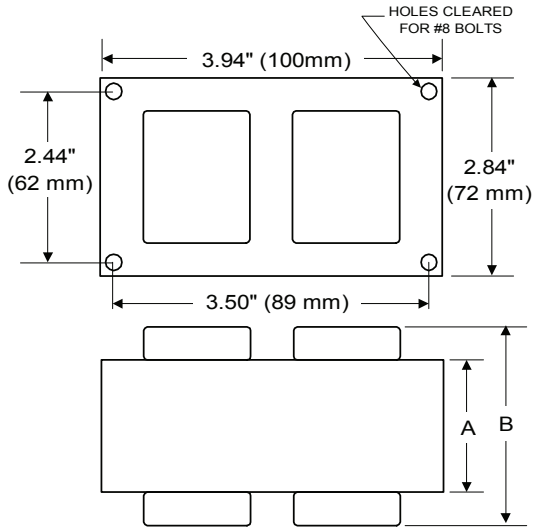
Pulse Start Metal Halide

150PA4TK

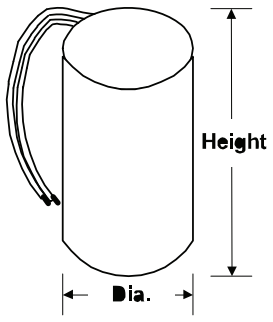
60 Hz CWA

Input Volts	120	208	240	277
Line Current (Amps)				
Operating	1.70	1.00	0.85	0.75
Open Circuit	1.00	0.60	0.50	0.45
Starting	1.40	0.80	0.70	0.60
Recommended Fuse (Amps)	4	3	3	2
Regulation				
Line Volts	±10%	±10%	±10%	±10%
Lamp Watts	±6%	±6%	±6%	±6%
Temperature Ratings				
Insulation Class	180 (H)	180 (H)	180 (H)	180 (H)
Coil Temperature Code	C	C	C	D
Benchtop Coil Rise	82.6	83.7	83.9	85.2
Power Factor (Min)	90%	90%	90%	90%
Input Watts	188 W	188 W	188 W	188 W
Efficiency	80%	80%	80%	80%
NOM. Open Circuit Voltage	240	240	240	240
Input Voltage At Lamp Dropout	60	104	120	138
Min Ambient Starting Temp	-20°F/-30°C*	-20°F/-30°C*	-20°F/-30°C*	-20°F/-30°C*
60 HZ TEST PROCEDURES				
High Potential Test (Volts)				
1 Minute	2,000 V	2,000 V	2,000 V	2,000 V
1 Second	2,500 V	2,500 V	2,500 V	2,500 V
Open Circuit Voltage Test (V)	215 - 265	215 - 265	215 - 265	215 - 265
Short Circuit Current Test (A)				
Secondary Current Min	2.15	2.15	2.15	2.15
Secondary Current Max	2.65	2.65	2.65	2.65
Input Current Min	1.00	0.60	0.50	0.45
Input Current Max	1.60	0.90	0.80	0.65
CORE and COIL Specifications				
Dimension (A)	2.50 in	2.50 in	2.50 in	2.50 in
Dimension (B)	3.90 in	3.90 in	3.90 in	3.90 in
Weight	8.2 lb's	8.2 lb's	8.2 lb's	8.2 lb's
Lead Lengths	12 "	12 "	12 "	12 "
Capacitor Requirement				
Microfarads	16.0 uf	16.0 uf	16.0 uf	16.0 uf
Volts (Min)	330 V	330 V	330 V	330 V

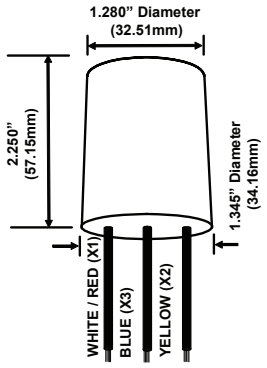
3X4 CORE.WMF



Capacitor:	ACG301	Ignitor:	BVS-041
Microfarads:	16.0 uf	Case Temp (Max):	105 °C
Volts (Max):	330 V	BTL Distance (Max):	2 ft
Case Temp (Max):	100 °C		
Height (Max):	2.76 in		
Dia (Max):	1.62 in		



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

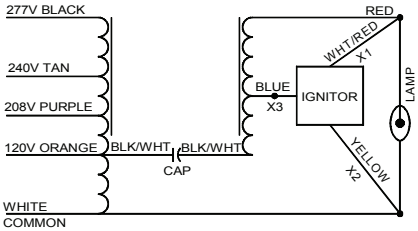
Coil material: primary Cu and secondary Cu

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.

MEETS TEMPERATURE EXCLUSION OF PL 110-140

RoHS



10/8/2008 Production