BALLAST SPECIFICATION

PRECISION LIGHTING & TRANSFORMER

70W M98

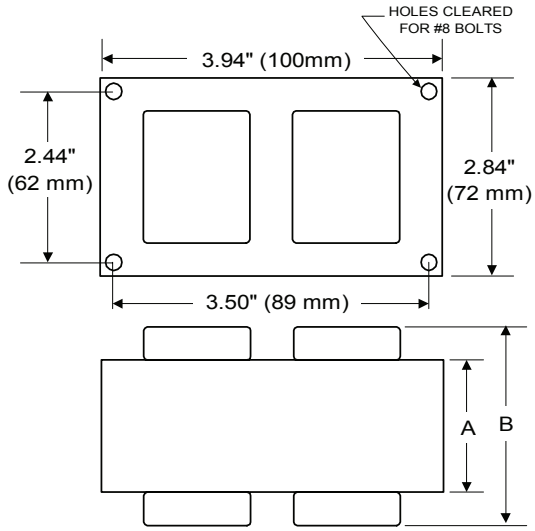
Pulse Start Metal Halide

PLT-70PX4TK

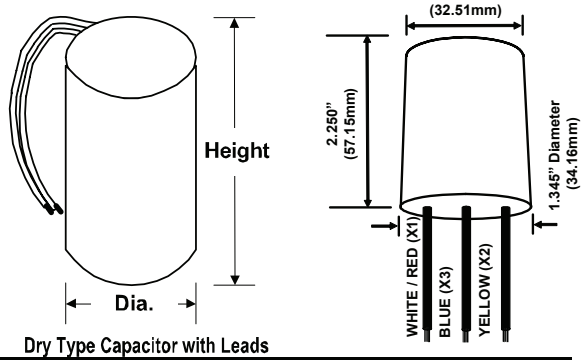
60 Hz HX-HPF

Input Volts	120	208	240	277
Line Current (Amps)				
Operating	0.80	0.45	0.40	0.35
Open Circuit	1.65	0.95	0.80	0.70
Starting	0.75	0.55	0.50	0.35
Recommended Fuse (Amps)	4	3	2	2
Regulation				
Line Volts	±5%	±5%	±5%	±5%
Lamp Watts	±8%	±8%	±8%	±8%
Temperature Ratings				
Insulation Class	180 (H)	180 (H)	180 (H)	180 (H)
Coil Temperature Code	A	A	A	A
Benchtop Coil Rise	60.9	63.0	62.4	64.1
Power Factor (Min)	90%	90%	90%	90%
Input Watts	92 W	92 W	92 W	92 W
Efficiency	76%	76%	76%	76%
NOM. Open Circuit Voltage	250	250	250	250
Input Voltage At Lamp Dropout	85	140	165	185
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	1,600 V	1,600 V	1,600 V	1,600 V
1 Second	1,900 V	1,900 V	1,900 V	1,900 V
Open Circuit Voltage Test (V)	225 - 275	225 - 275	225 - 275	225 - 275
Short Circuit Current Test (A)				
Secondary Current Min	.95	.95	.95	.95
Secondary Current Max	1.20	1.20	1.20	1.20
Input Current Min	0.45	0.25	0.25	0.20
Input Current Max	0.85	0.50	0.45	0.40
CORE and COIL Specifications				
Dimension (A)	1.45 in	1.45 in	1.45 in	1.45 in
Dimension (B)	2.85 in	2.85 in	2.85 in	2.85 in
Weight	4.6 lb's	4.6 lb's	4.6 lb's	4.6 lb's
Lead Lengths	12 "	12 "	12 "	12 "
Capacitor Requirement				
Microfarads	8.0 uf	8.0 uf	8.0 uf	8.0 uf
Volts (Min)	280 V	280 V	280 V	280 V

3X4 CORE.WMF



Capacitor:	ACG310	Ignitor:	BVS-032
Microfarads:	8.0 uf	Case Temp (Max):	105 °C
Volts (Max):	280 V	BTL Distance (Max):	2 ft
Case Temp (Max):	100 °C		
Height (Max):	2.76 in		
Dia (Max):	1.21 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

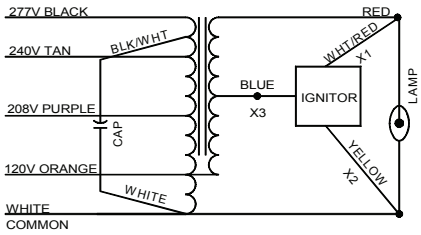
* -40°F/-40°C Min Ambient Starting Temp

Coil material: primary Cu and secondary 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



11/24/2008 Production