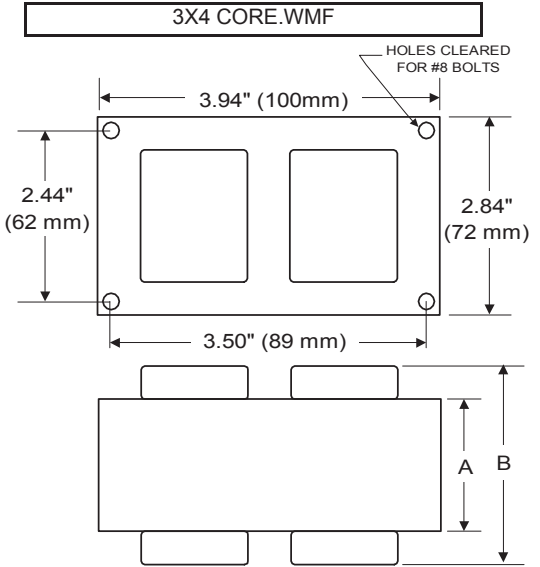




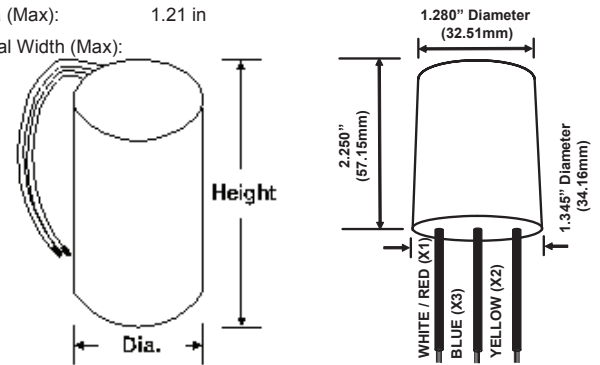
**BALLAST SPECIFICATION**

**50W M110**  
**Pulse Start Metal Halide**  
**V90D5731**  
**60 Hz HX C&C**

<b>Input Volts</b>	120	208	240	277
<b>Line Current ( Amps )</b>				
Operating	0.60	0.35	0.30	0.25
Open Circuit	1.20	0.65	0.60	0.50
Starting	0.60	0.35	0.30	0.25
<b>Recommended Fuse (Amps)</b>	3	2	2	2
<b>Regulation</b>				
Line Volts	±5%	±5%	±5%	±5%
Lamp Watts	±10%	±10%	±10%	±10%
<b>Temperature Ratings</b>				
Insulation Class	180 (H)	180 (H)	180 (H)	180 (H)
Coil Temperature Code	A	A	A	A
Benchtop Coil Rise	66.6	64.7	64.3	70.7
<b>Power Factor (%)</b> HPF	90	90	90	90
<b>Input Watts</b>	65 W	65 W	65 W	65 W
<b>Efficiency</b>	76.1%	76.1%	76.1%	76.1%
<b>NOM. Open Circuit Voltage</b>	265	265	265	265
<b>Input Voltage At Lamp Dropout</b>	85	150	170	195
<b>Min Ambient Starting Temp</b>	-20°F/-30°C*	-20°F/-30°C*	-20°F/-30°C*	-20°F/-30°C*
<b>60 HZ TEST PROCEDURES</b>				
<b>High Potential Test (Volts)</b>				
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
<b>Open Circuit Voltage Test (V)</b>	235 - 295	235 - 295	235 - 295	235 - 295
<b>Short Circuit Current Test (A)</b>				
Secondary Current				
Min	.65	.65	.65	.65
Max	.85	.85	.85	.85
Input Current				
Min	0.40	0.20	0.15	0.15
Max	0.75	0.40	0.35	0.35
<b>CORE and COIL Specifications</b>				
Dimension (A)	1.05 in	1.05 in	1.05 in	1.05 in
Dimension (B)	2.45 in	2.45 in	2.45 in	2.45 in
Weight	3.5 lb's	3.5 lb's	3.5 lb's	3.5 lb's
Lead Lengths	12 "	12 "	12 "	12 "
<b>Capacitor Requirement</b>				
Microfarads	6.0 uf	6.0 uf	6.0 uf	6.0 uf
Volts (Min)	280 V	280 V	280 V	280 V



<b>Capacitor:</b>	ACG033	<b>Ignitor:</b>	BVS-032
Microfarads:	6.0 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):	1.21 in		
Oval Width (Max):			



Dry Type Capacitor with Leads

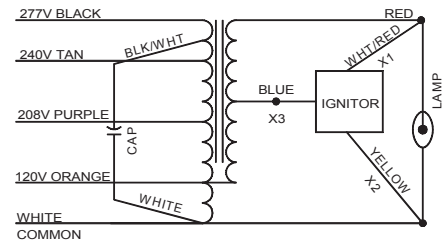
**Ordering Information**    Add Suffix for options  
 C - With Dry Capacitor  
 CB - With Dry Capacitor and Welded Bracket  
 B - With Welded Bracket, no Capacitor  
 K - Prewired, with Dry Capacitor and Bracket Kit

\* -40°F/-40°C Min Ambient Starting Temp with Venture Lamp

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

**04/21/2020**    **Production**    Coil Material (PRI/SEC): Cu / Cu

*Complies with the Energy Independence and Security Act of 2007 and California Title 20 Appliance Efficiency Regulations*



**RoHS**