BALLAST SPECIFICATION

35W S76

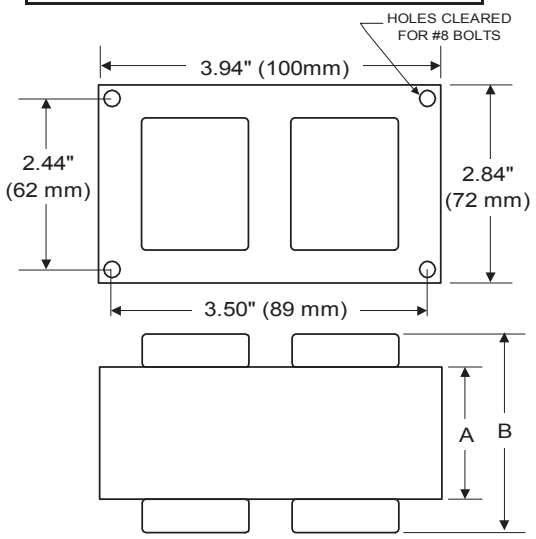
High Pressure Sodium

V90E1030

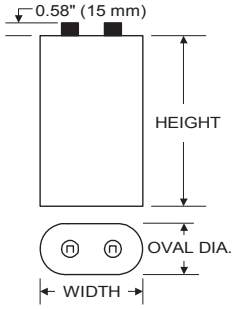
60 Hz HX C&C

Input Volts	120	240
Line Current (Amps)		
Operating	0.50	0.25
Open Circuit	0.80	0.40
Starting	0.50	0.25
Recommended Fuse (Amps)	2	1
Regulation		
Line Volts	±5%	±5%
Lamp Watts	±11%	±11%
Temperature Ratings		
Insulation Class	180 (H)	180 (H)
Coil Temperature Code	D	C
Benchtop Coil Rise		
Power Factor (%) HPF	90	90
Input Watts	54 W	54 W
Efficiency		
NOM. Open Circuit Voltage	130	130
Input Voltage At Lamp Dropout	90	180
Min Ambient Starting Temp	-40°F/-40°C	-40°F/-40°C
60 HZ TEST PROCEDURES		
High Potential Test (Volts)		
1 Minute	1,500 V	1,500 V
1 Second	1,800 V	1,800 V
Open Circuit Voltage Test (V)	115 - 145	115 - 145
Short Circuit Current Test (A)		
Secondary Current Min	1.05	1.05
Secondary Current Max	1.30	1.30
Input Current Min	0.40	0.20
Input Current Max	0.70	0.35
CORE and COIL Specifications		
Dimension (A)	.67 in	.67 in
Dimension (B)	2.00 in	2.00 in
Weight	4.0 lb's	4.0 lb's
Lead Lengths	12 "	12 "
Capacitor Requirement		
Microfarads	4.5 uf	4.5 uf
Volts (Min)	660 V	660 V

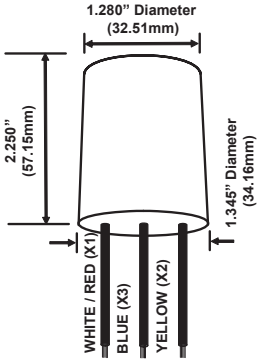
3X4 CORE.WMF



Capacitor:	ACB046OV	Ignitor:	BVS-006-A
Microfarads:	4.5 uf	Case Temp (Max):	105 °C
Volts (Max):	660 V	BTL Distance (Max)	3 ft
Case Temp (Max)	100 °C		
Height (Max):	3.19 in		
Dia (Max):	1.97 in		
Oval Width (Max):	2.97 in		



OIL-FILLED CAPACITOR



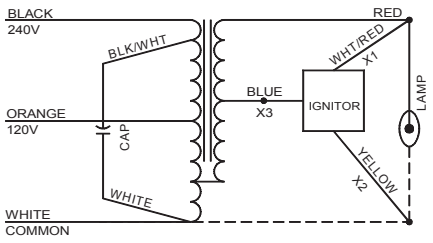
Ordering Information Add Suffix for options

C - With Oil-Filled Capacitor

CB - With Oil-Filled Capacitor and Welded Bracket

B - With Welded Bracket, no Capacitor

K - Prewired, with Oil-Filled Capacitor and Bracket Kit



Data is based upon tests performed by Venture Lighting 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.

08/25/2022 **Production** Coil Material (PRI/SEC): Cu / Cu

RoHS

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