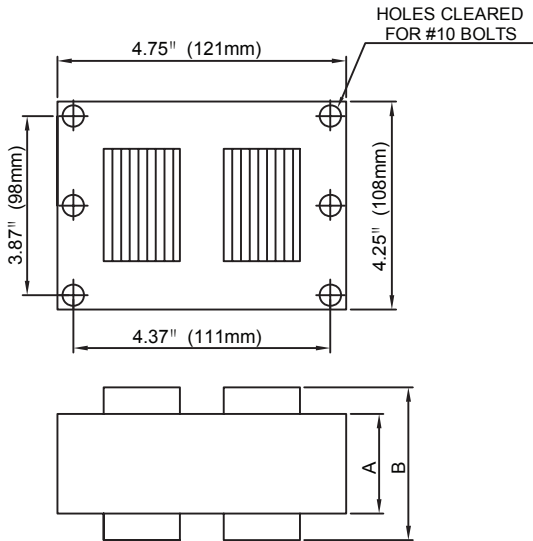




CATALOG NUMBER: V90AM1710K
250W S50
High Pressure Sodium Lamp Ballast
60 Hz CWA

4X4 CORE - HX, CWA & CWI UNITS



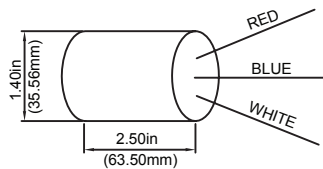
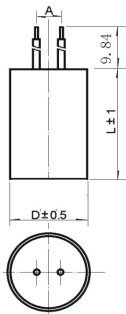
Input Volts		120	208	240	277	480
Circuit Type	CWA					
REGULATION						
Line Volts	±10%					
Lamp Watts	±13%					
LINE CURRENT(Amps)						
Operating		2.50	1.45	1.25	1.10	0.66
Open Circuit		1.90	1.10	0.95	0.85	0.45
Starting		1.80	1.00	0.90	0.75	0.36
RECOMMENDED FUSE (Amps)						
		7	4	4	3	2
TEMPERATURE RATINGS						
Insulation Class	H					
Coil Temperature Code	B					
Benchtop Coil Rise		77.4	79.3	79.1	77.9	77.9
Power Factor (Min)	90%					
Input Watts	295 W					
Current Crest Factor						
NOM. OPEN CIRCUIT VOLTAGE						
	195					
INPUT VOLTAGE AT LAMP DROPOUT						
		85	145	170	195	323
MIN AMBIENT STARTING TEMP						
	-40°F/-40°C					
60 HZ TEST PROCEDURES						
High Potential Test (Volts)						
1 Minute					1,600 V	
1 Second					2,000 V	
Open Circuit Voltage Test (V)						
					175 - 215	
Short Circuit Current Test (A)						
Secondary Current		Min			3.80	
		Max			4.70	
Input Current		Min	1.25	0.70	0.60	0.50
		Max	1.90	1.10	0.95	0.85
CORE and COIL Specifications						
Dimension A (in)					2.16	
Dimension B (in)					3.74	
Weight (lbs)					11.0	
Lead Lengths (in)					12	
CAPACITOR REQUIREMENT						
Microfarads					35.0 uf	
Volts (Min)					240 V	

Capacitor:

Microfarads: 35.0 uf
 Volts (Min): 240 V
 Case Temp(Max): 100°C
 D: 1.77 in
 L: 3.66 in
 A: 0.71 in

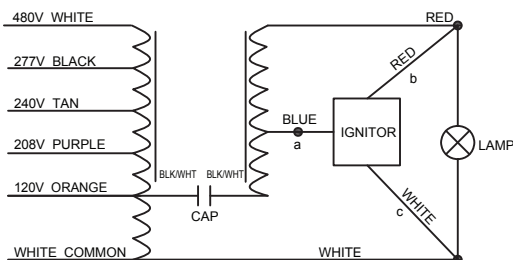
Ignitor:

Temp: 105 °C
 BTL : 2 ft



Dry Type Capacitor with Leads

Wiring Diagram:



ORDERING INFORMATION

The ballast comes with a kit including capacitor, ignitor and bracket.

Data is based upon tests performed 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.

Coil material: Al/Al