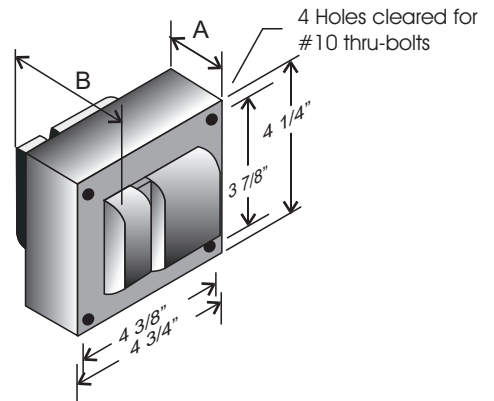


## CATALOG NUMBER: E-SIAFRM431 FOR ONE 430 WATT, S145 HIGH PRESSURE SODIUM LAMP

Line Voltage	120/208/240 V
Regulation	
Line Volts	+/-10%
Line Watts	WHITIN TRAPEZOID
Frequency	60 Hz
Circuit Type	CWI
Power Factor (min)	90%
Insulation Class	H(180°)
Min. Ambient Starting Temp.	-40° F or -40° C

### 4 1/4" x 4 3/4" CORE



### CORE AND COIL

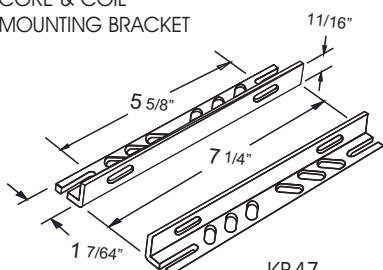
Dimension A (inches)	2.70
Dimension B (inches)	4.50
Weight (lbs)	17
Lead Lengths (inches)	12

Line Voltage (Volts)	120	208	240
Line Current (Amps)			
Operating	4.40	2.55	2.20
Open Circuit	2.28	1.35	1.16
Starting	2.30	1.47	1.25
Input Watts (W)	490	490	490
Open Circuit Voltage (V)	195	195	195
Drop Out Voltage	85	145	170
UL(1029) Bench Top Rise	B	A	A
Recommended Fuse (Amps)	15	8	7

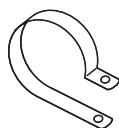
HIGH POTENTIAL TEST (VOLTS)				
1 Minute	2000			
2 Seconds	2500			
Open Circuit Voltage Test (volts)	180-220			
Short-Circuit Current Test (Amps)				
Secondary Current	5.5-6.50			
Input Current		0.90 - 1.55	0.50 - 0.90	0.45 - 0.75

### BRACKET

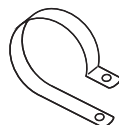
CORE & COIL  
MOUNTING BRACKET



**KB47**  
Mounting bracket for  
Core & Coil Ballasts  
(2 brackets with thru bolts)

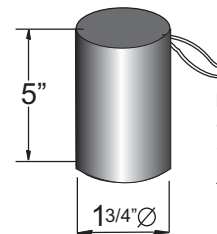


**C-01**  
MOUNTING CLIP for round case (Furnished as standard with B suffix ballast)



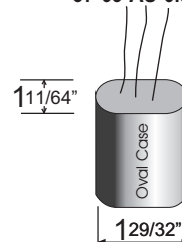
**I-01**  
MOUNTING CLIP for oval case (Furnished as standard with B suffix ballast)

### CAPACITOR



**RATING**  
46 Mfd ± 3%  
300 VAC MIN  
Dry Film Capacitor  
Thermal Plastic Case  
Max. Case Temp 100° C

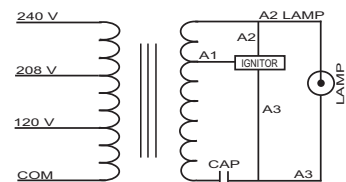
### IGNITOR 37-63-AS-6.9-N6



(THERMAL PLASTIC CASE)  
Max. case temp  
110° C

Ballast to Lamp Distance  
(BTL)= 2 feet

### WIRING DIAGRAM



MULTI VOLTAGE  
120/208/240 VOLT CONNECTION

## ORDERING INFORMATION

\*\*\* Add proper suffix to catalog number when ordering as indicated below:

No suffix = Core and Coil Only

B= Core and Coil, and Bracket

C=Core and Coil, and Capacitor

BC=Core and Coil, Capacitor and Bracket

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



Lighting & Power Source LP.  
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Made in Mexico by Industrias Sola Basic S.A de C.V.