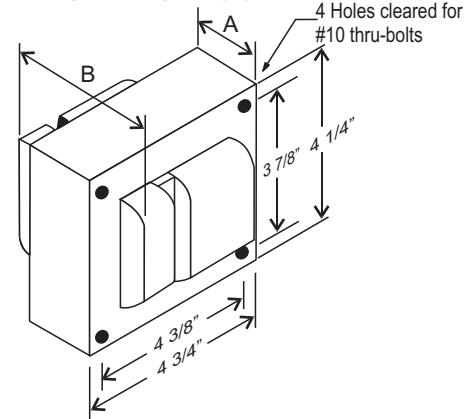


CATALOG NUMBER: E-MCAFTJ451 FOR ONE 450 WATT, M144 METAL HALIDE PULSE START LAMP

Line Voltage	120/277/347
Regulation	
Line Volts	+/-10%
Lamp Watts	+/-10%
Frequency	60 Hz
Circuit Type	CWA
Power Factor (min)	90%
Insulation Class	H(180°)
Min. Ambient Starting Temp.	-20° F or -30° C

Line Voltage (Volts)	120	277	347
Line Current (Amps)			
Operating	4.3	1.9	1.5
Open Circuit	3.25	1.50	1.10
Starting	2.45	1.05	0.85
Input Watts (W)	508	508	508
Open Circuit Voltage (V)	275	275	275
Drop Out Voltage (V)	60	138	174
UL(1029) Bench Top Rise	E	E	D
Recommended Fuse (Amps)	10	5	4
HIGH POTENTIAL TEST (VOLTS)			
1Minute	2000		
2 Seconds	2500		
Open Circuit Voltage Test(volts)	250-310		
Short-Circuit Current Test (Amps)			
Secondary Current	4.1 - 4.8		
Input Current (Amps)	2.05 - 2.90	0.75 - 1.27	0.67 - 1.0

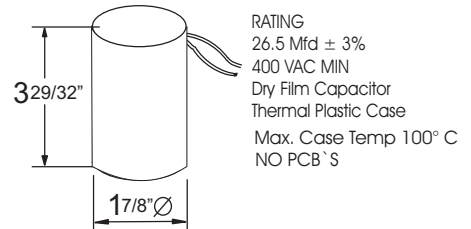
4 1/4" x 4 3/4" CORE



CORE AND COIL

Dimension A (inches)	2.30
Dimension B (inches)	4.10
Weight (Lbs)	15.40
Lead Lengths (inches)	12

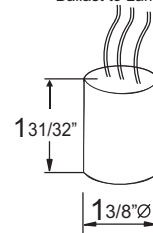
CAPACITOR



RATING
26.5 Mfd ± 3%
400 VAC MIN
Dry Film Capacitor
Thermal Plastic Case
Max. Case Temp 100° C
NO PCB'S

IGNITOR 37-63-AS-6.9-N7

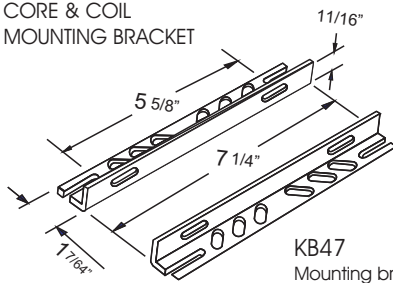
Ballast to Lamp Distance (BTL): 2 feet



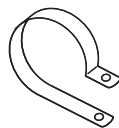
(THERMAL PLASTIC CASE)
Max. case Temp: 110° C

BRACKET

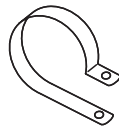
CORE & COIL
MOUNTING BRACKET



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

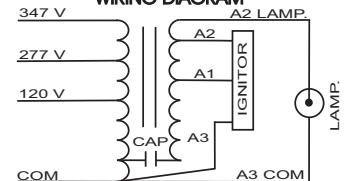


C-01
MOUNTING CLIP for round
case (Furnished as standard
with B suffix ballast)



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

WIRING DIAGRAM



120/277/347 VOLT CONNECTION

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.

ISO 9001:2000



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