ISB SOLA BASIC®

TECHNICAL DATA SHEET

CATALOG NUMBER: E-MCAWDD251

FOR ONE 250 WATT, M138/M153 METAL HALIDE PULSE START LAMP

Line Voltage	120/208/240/277/480 V
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

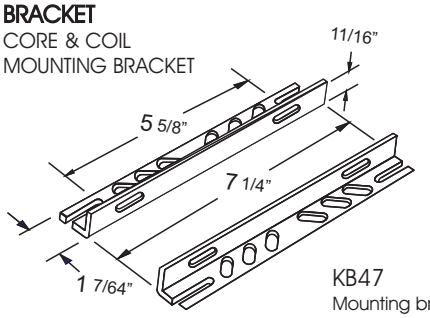
Line Voltage (Volts)	120	208	240	277	480
Line Current (Amps) Operating	2.50	1.40	1.30	1.10	0.65
Open Circuit	2.0	1.20	1.0	0.90	0.50
Starting	1.55	0.90	0.80	0.68	0.40
Input Watts (W)	288	288	288	288	288
Open Circuit Voltage (V)	290	290	290	290	290
Drop Out Voltage (V)	60	104	120	140	240
UL(1029) Bench Top Rise	A	A	A	A	A
Recommended Fuse (Amps)	8	5	5	3	2

HIGH POTENTIAL TEST (VOLTS)	
1Minute	2000
2 Seconds	2500
Open Circuit Voltage Test(volts)	260-315

Short-Circuit Current Test (Amps) Secondary Current	2.3 - 2.7				
Input Current (Amps)	1.30 - 1.65	0.75 - 0.95	0.60 - 0.80	0.50 - 0.75	0.30 - 0.40

BRACKET

CORE & COIL MOUNTING BRACKET

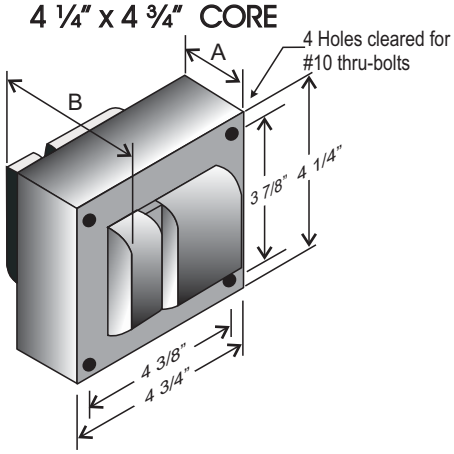


KB47
Mounting bracket for Core & Coil Ballasts (2 brackets with thru bolts)

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)

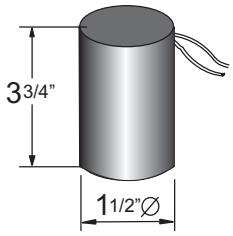
4 ¼" x 4 ¾" CORE



CORE AND COIL

Dimension A (inches)	1.50
Dimension B (inches)	3.40
Weight (Lbs)	11.00
Lead Lengths (inches)	12

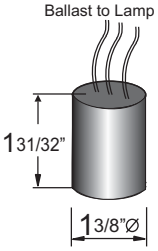
CAPACITOR



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

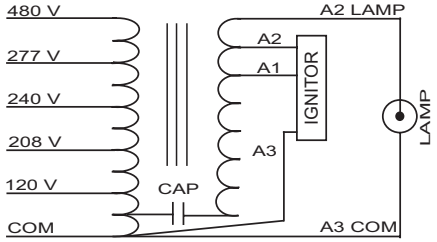
IGNITOR 37-63-AS-6.9-N7

Ballast to Lamp Distance (BTL): 2 feet



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

WIRING DIAGRAM



120/208/240/277/480 VOLT CONNECTION

ORDERING INFORMATION

*** Add proper suffix to catalog number when ordering as indicated bellow:
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.

ISO 9001:2000

Made in Mexico by Industrias Sola Basic S.A de C.V.