# ISB SOLA BASIC®

# CATALOG NUMBER: E-MMCAWDD1000
## FOR ONE 1000 WATT, M47 METAL HALIDE 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. | -20º F  or  -30° C |

| Line Voltage (Volts) | 120 | 208 | 240 | 277 | 480 |
|---|---|---|---|---|---|
| Line Current (Amps) | | | | | |
| Operating | 9.2 | 5.2 | 4.6 | 4.0 | 2.3 |
| Open Circuit | 5.3 | 3.1 | 2.8 | 2.4 | 1.4 |
| Starting | 6.9 | 4.2 | 3.6 | 3.1 | 1.8 |
| Input Watts (W) | 1080 | 1080 | 1080 | 1080 | 1080 |
| Open Circuit Voltage (V) | 420 | 420 | 420 | 420 | 420 |
| Drop Out Voltage (V) | 78 | 125 | 150 | 180 | 295 |
| UL(1029) Bench Top Rise | E | E | E | E | E |
| Recommended Fuse (Amps) | 20 | 15 | 10 | 10 | 10 |

| HIGH POTENTIAL TEST (VOLTS) | | | | | | |
|---|---|---|---|---|---|---|
| 1Minute | 2000 | | | | | |
| 2 Seconds | 2500 | | | | | |
| Open Circuit Voltage Test(volts) | 385-455 | | | | | |

| Short-Circuit Current Test (Amps) | | | | | | |
|---|---|---|---|---|---|---|
| Secondary Current | 5.0 - 5.8 | | | | | |
| Input Current (Amps) | | 5.75 - 7.30 | 3.35 - 4.25 | 2.85 - 3.70 | 2.47 - 3.20 | 1.45 - 1.85 |

## 4 ¼" x 6"  CORE



8 Holes cleared for #10 thru-bolts
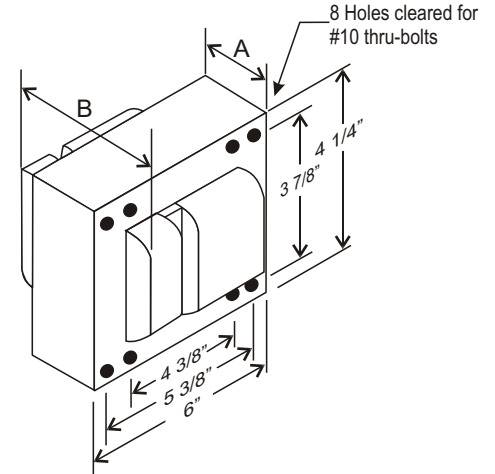
### CORE AND COIL

| | |
|---|---|
| Dimension A  (inches) | 3.15 |
| Dimension B   (inches) | 5.3 |
| Weight (Lbs) | 22.3 |
| Lead Lengths (inches) | 12 |

### CAPACITOR



5"

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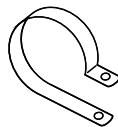NO PCB`S

2 13/64" ∅
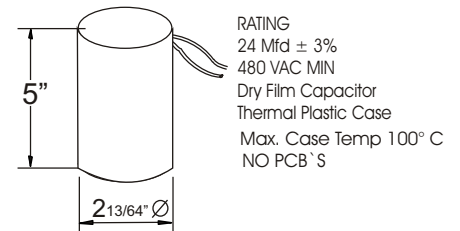
## BRACKET
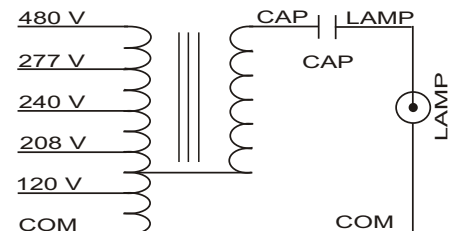CORE & COIL MOUNTING BRACKET



11/16"
5 5/8"
7 1/4"
1 7/64"
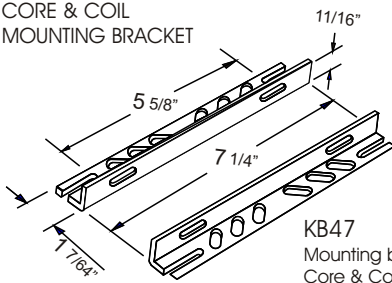
KB47
Mounting bracket for
Core & Coil Ballasts
(2 brackets with thru bolts)



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

## WIRING DIAGRAM



480 V
277 V
240 V
208 V
120 V
COM
CAP  LAMP
CAP
LAMP
COM

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

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