

# TECHNICAL SPECIFICATION SHEET

250 WATT, HPS S50 CWA  
BALLAST E-971-XX-SO250 60Hz

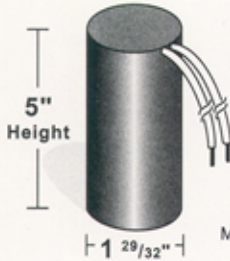
## CAPACITOR

RATING 35 MFD±3%  
240 VAC, MIN

Dry Film Capacitors  
Thermal Plastic Case

Dry film capacitor contains no oil; are furnished with 12" leads and includes discharge resistor.

Max. case temp. 110°C

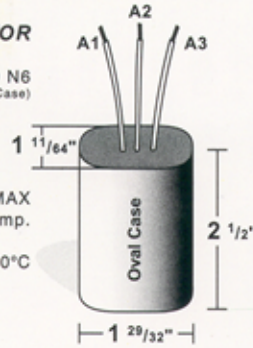


## IGNITOR

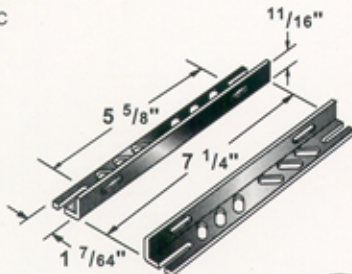
37-63-AS-6.9 N6  
(Thermal Plastic Case)

2 F.T. MAX  
Distance to lamp.

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 ballasts)

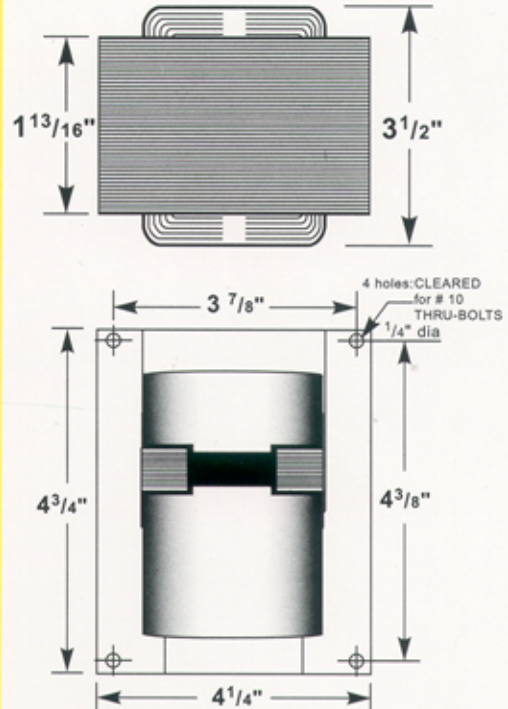


I-01

MOUNTING CLIP for oval case  
(Furnished as standard with B  
suffix ballasts)

## CORE AND COIL

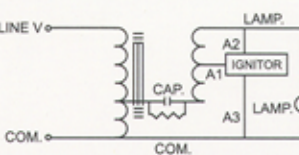
(4 1/4" X 4 3/4" CORE)



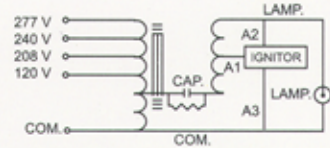
SOLA ballast leads wires are properly identified indicating on their surfaces the input voltages. ALL LEAD LENGTHS: 12 INCHES

## ELECTRICAL CHARACTERISTICS

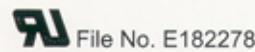
|                     |       |
|---------------------|-------|
| INPUT VOLTAGE RANGE | ±10%  |
| POWER FACTOR        | HIGH  |
| LAMP POWER REG.     | ±10%  |
| MIN. STARTING TEMP. | -40°C |



SINGLE VOLTAGE



MULTI VOLTAGE  
120/208/240/277  
VOLT CONNECTION



| Line Voltage | Catalog Number | Circuit Type | Input Watts | Line Current (AMPS) |              |          | Open Circuit Voltage | Drop Out Voltage | Fuse | Ballast Net Weight (lbs) | UL Bench Top Rise Code 1029 |
|--------------|----------------|--------------|-------------|---------------------|--------------|----------|----------------------|------------------|------|--------------------------|-----------------------------|
|              |                |              |             | Operating           | Open Circuit | Starting |                      |                  |      |                          |                             |
| 120          | E-971-F-SO250  | CWA          | 295         | 2.5                 | 1.7          | 1.67     | 185                  | 70               | 8    | 11.6                     | A                           |
| 208          | E-971-R-SO250  | CWA          | 295         | 1.5                 | 0.95         | 0.95     | 185                  | 120              | 5    | 11.6                     | B                           |
| 240          | E-971-M-SO250  | CWA          | 295         | 1.3                 | 0.86         | 0.8      | 185                  | 140              | 4    | 11.6                     | A                           |
| 277          | E-971-T-SO250  | CWA          | 295         | 1.1                 | 0.74         | 0.68     | 185                  | 160              | 4    | 11.6                     | A                           |
| 480          | E-971-DD-SO250 | CWA          | 295         | 0.65                | 0.43         | 0.45     | 185                  | 260              | 2    | 11.6                     | B                           |
| 120 or       | E-971-W-SO250  | CWA          | 295         | 2.5                 | 1.7          | 1.67     | 185                  | 70               | 8    | 11.6                     | B                           |
| 208 or       |                | CWA          | 295         | 1.5                 | 0.95         | 0.95     | 185                  | 120              | 5    | 11.6                     |                             |
| 240 or       |                | CWA          | 295         | 1.3                 | 0.86         | 0.8      | 185                  | 140              | 4    | 11.6                     |                             |
| 277          |                | CWA          | 295         | 1.1                 | 0.74         | 0.68     | 185                  | 160              | 4    | 11.6                     |                             |

## ORDERING INFORMATION

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

No suffix= Core and Coil and Ignitor Only

B= Core and Coil, Ignitor and Bracket

C= Core and Coil, Ignitor and Capacitor

BC= Core and Coil, Ignitor, Capacitor and Bracket

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