

**BLU0035A05100**

Ballast Type: Electromagnetic  
Input Voltage: 120VAC±5%  
Input Frequency: 60 Hz.

Circuit Type: Reactor  
Lamp Type: High Pressure Sodium  
Unit Color: Raw

Weight: 0.9 lbs.  
Carton Quantity: 24  
Skid Quantity: 1152

**ELECTRICAL SPECIFICATION:**

Line Voltage (V)	ANSI Lamp Type	Lamp Watts	Input Power (W)	Line Current			Nominal Open Circ. Volt.	Capacitor Value	Power Factor	Wiring Diagram
				Operating	Open Circuit	Starting				
120	S76	35	43	0.85	0	1.30	120	N/A	≤50	300

**PERFORMANCE:**

- Electromagnetic reactor
- Normal power factor
- Core & Coil
- Class H Insulation (180°C)

**APPLICATION:**

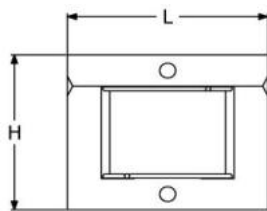
- Minimum starting temperature: -40°F/-40°C
- Remote mounting (ballast to lamp): 10 ft.

**SAFETY:**

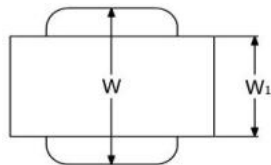
- UL/1029 Recognized Component
- CSA/C22.2 Certified
- UL Coil Temperature Code: E
- RoHS Compliant

**CASE STYLE:**

**41A**



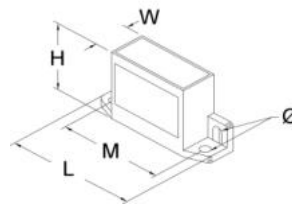
H	L
1 9/16	1 7/8
1.56	1.88
3.97 cm	4.78 cm



W	W <sub>1</sub>
1 7/8	1
1.88	1
4.78 cm	2.54 cm

**IGNITOR:**

Igniter: 698001



H	W	L	M	Ø
1 1/4	1 5/32	2 1/4	1 27/32	5/32
1.25	1.16	2.25	1.84	0.16
3.18cm	2.95cm	5.72cm	4.67cm	0.41cm

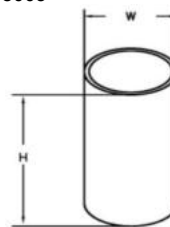
**CAPACITOR:**

Capacitor:

NOT REQUIRED  
FOR THIS  
MODEL

**ORDERING CODE: ADD SUFFIX**

Igniter: 698003



H	W
2 3/8	1 13/32
2.38	1.40
6.04	3.55

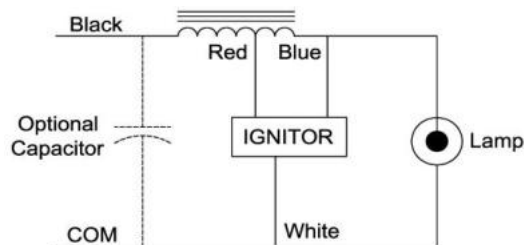
**BLU0035A05 X X X**

(A) Bracket: 1 = None, 2 = Welded  
(B) Igniter: 0 = 2 Hole, 1 = Round, 3 = None  
(C) Capacitor: 0 = None

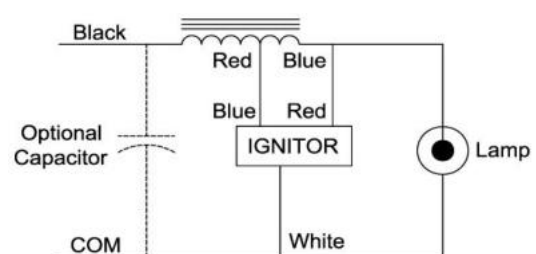
Standard Lead Lengths: 12"  
\*3/8" Strip

**WIRING DIAGRAM:**

**300**



Wiring Diagram for Igniter 698001



Wiring Diagram for Igniter 698003

**WARRANTY**

Robertson Worldwide warrants to the purchaser that this ballast will be free from defects in material or workmanship for a period of 2 years from date of manufacture when properly installed and under normal conditions of use. For more information on Robertson Worldwide's ballasts, call 1-800-323-5633 or visit [www.robertsonww.com](http://www.robertsonww.com). For our energy star compliant ballasts, visit [www.nema.org/lampballastmatrix/](http://www.nema.org/lampballastmatrix/)