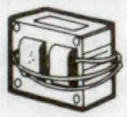
METAL HALIDE

(60 Hz., MINIMUM STARTING TEMPERATURE -20°F OR -30°C)



Input Volts	Catalog† Number	Circuit Type	Watts Input	Max• Input Current	Nom Open Circuit Voltage	Fuse Rating (Amps)	Wiring Dia	Dimensions			Non-PCB Capacitor (Page 158-159)						Total Weight (lbs)	Ignitor †† (Page 160-163)		U.L. Bench Top Rise Code 1029 (pg 115)
											Mfd	Min Volt	Dry Film		Oil Filled			Part Number	Max Dist To Lamp (ft)	
								Fig	A	B			Dia (in)	Ht (in)	Oval (in)	Ht (in)				
320 Watt Lamp, ANSI Code M132 (Pulse-Start)																				
277	71A5837-B **71A5837-001D**	Linear Reactor HPF	342	1.9	277	5	H	10	1.7	3.8	17.5	300	1.50	3.75	—	—	9.5	Integral Ignitor	2	A
480/ 120T	71A5842-T	Super CWA	368	.8	270	5	M	2	1.8	3.7	21	345	1.75	3.75	—	—	11.0	LI533-H4	2	D
120/208/ 240/277	71A5892 **71A5892-001D**	Super CWA	368	3.3/1.9/ 1.7/1.4	270	8/6/ 5/3	M	2	1.8	3.7	21	345	1.75	3.75	—	—	11.0	LI533-H4	2	B/B/ B/B
120/ 277/347	71A58A2	Super CWA	368	3.3/ 1.4/1.1	270	8/ 4/3	M	2	1.8	3.7	21	345	1.75	3.75	—	—	11.0	LI533-H4	2	C/ C/C
350 Watt Lamp, ANSI Code M131 (Pulse-Start)																				
277	71A5937-B **71A5937-001D**	Linear Reactor HPF	375	2.1	277	5	H	10	1.9	4.0	20	300	1.75	3.75	—	—	10.0	Integral Ignitor	2	A
480/ 120T	71A5943-T	Super CWA	400	.9	275	3	M	2	1.8	3.7	22.5	345	1.75	3.75	—	—	11.0	LI533-H4	2	D
120/208/ 240/277	71A5993 **71A5993-001D**	Super CWA	400	3.4/2.0/ 1.7/1.5	270	10/7/ 5/5	M	2	1.8	3.7	22.5	345	1.75	3.75	—	—	11.0	LI533-H4	2	D/C/ C/C
120/ 277/347	71A59A3	Super CWA	400	3.4/ 1.5/1.2	275	10/ 5/3	M	2	1.8	3.7	22.5	345	1.75	3.75	—	—	11.0	LI533-H4	2	D/ C/C

† Ordering information:
Replacement/retrofit ballast kits indicated by **bold type** with suffix **-001D.** 71A5837-001D and 71A5937-001D kits also include welded angle bracket. Refer to pages 117-120.
Original equipment ballasts - add proper suffix to catalog number:
-500D includes core & coil with dry-film capacitor
-510D includes core & coil with welded bracket and dry-film capacitor
-540D includes core & coil with welded angle bracket and dry-film capacitor (Available for 71A5837-B, 71A5937-B only)
-600 core & coil only (no capacitor)
-610 core & coil with welded bracket (no capacitor)

†† Each ballast requiring an ignitor is furnished standard with the **Short Range** ignitor model shown for use within fixtures. If a **Long Range** ignitor is required for remote mounting, specify on order. See pages 160-163 for additional information.

• For CWA circuits, figure is operating current. For Linear Reactor circuits, figure is highest starting, operating, or open circuit currents.

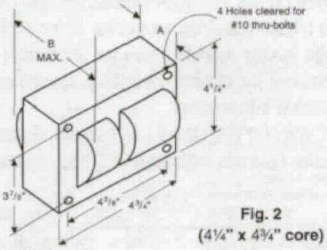


Fig. 2
(4¼" x 4¾" core)

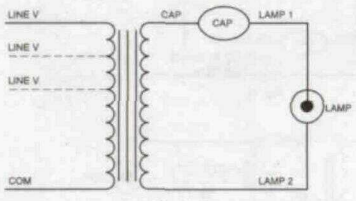


Fig. P

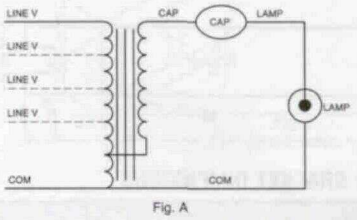


Fig. A

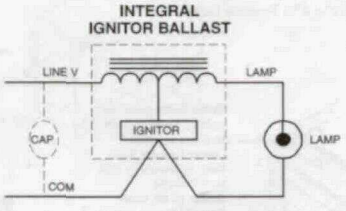


Fig. H

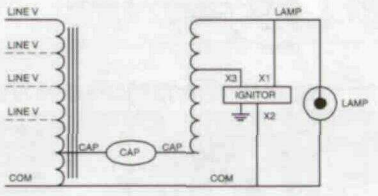


Fig. M

ORDERING INFORMATION

How to Order

Advance Transformer has developed the industry's broadest selection of HID ballasts. More than 3000 stocking distributors nationwide. For information on the distributor best able to serve your needs, please call 800-372-3331.

Advance HID Ballast Part Number Explanation

71A	60	9	1	-500D

Suffix Code* (as applicable)

-001D	ballast replacement kit with dry film capacitor
-001	ballast replacement kit with oil filled capacitor
-500D	core & coil ballast with dry film capacitor
-500	core & coil ballast with oil filled capacitor
-510D	core & coil ballast with welded bracket and dry film capacitor
-510	core & coil ballast with welded bracket and oil filled capacitor
-540D	core & coil ballast with welded angle bracket and dry film capacitor
-600	core & coil ballast (no capacitor)
-610	core & coil ballast with welded bracket (no capacitor)

* Add additional feature codes to the end of suffix where applicable.
i.e. -B = Integral Ignitor, -P = Thermally Protected, -J = J-Box Mounting

Design Code

INPUT VOLTAGE CODE

60 Hz Voltages		50 Hz Voltages
0 = 120V	A = 102/277/347V	M = 100/200
1 = 208V	B = 347V	N = 120/220-240
2 = 240V	C = 120/347V	R = 220/240
3 = 277V	D = 120/240/347V	
4 = 480V	E = 120/208/240V or 208/240V	
5 = 120/240V	F = 277/480V, 277/347V, 277/347/480V or 347/480V	
6 = 240/480V	H = 127/220V	
7 = 120/208/240/277V	J = 220V or 220/240V	
8 = 120/277V	Y = 100/200V	
9 = 120/208/240/277V		

Lamp Type/Wattage/Ballast Circuit Code

Ballast Type

- 71A = Core and Coil Ballast
- 72C = F-Can Ballast
- 73B = Encapsulated Core and Coil Ballast
- 74P = Postline Ballast
- 77K = Val-U-Pak Replacement Ballast Kit
- 78E = Indoor Enclosed Ballast
- 79W = Outdoor Weatherproof Ballast