

HIGH INTENSITY DISCHARGE BALLASTS

Ordering Information

We have 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.

Philips Advance HID Ballast Part Number Explanation

71A	60	9	2	-500DAEE										
<p>Suffix Code* (as applicable)</p> <ul style="list-style-type: none"> -001DB ballast replacement kit with dry capacitor and integral ignitor -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) <p>* Add additional feature codes to the end of suffix where applicable. i.e. -B = Integral Ignitor, -P = Thermally Protected, -J = J-Box Mounting, -A = Aluminum Coil, -ML = "NOM" (with capacitor), -T = 120V Tap -EE = EISA Compliant Ballast</p>														
<p style="text-align: center;">Design Code</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;"></td> <td style="text-align: center;">60 Hz Voltages</td> <td style="text-align: center;">50 Hz Voltages</td> </tr> <tr> <td style="vertical-align: top;">Input Voltage Code</td> <td style="vertical-align: top;"> 0 = 120V 1 = 208V 2 = 240V 3 = 277V 4 = 480V 5 = 120/240V or 120/208/240/277/480V 6 = 240/480V 7 = 120/208/240/277V 8 = 120/277V 9 = 120/208/240/277V </td> <td style="vertical-align: top;"> A = 120/277/347V B = 347V C = 120/347V D = 120/240/347V E = 120/208/240V or 208/240V F = 277/480V, 277/347V, 277/347/480V or 347/480V H = 127/220V J = 220V or 220/240V Y = 100V or 100/200V </td> </tr> <tr> <td></td> <td></td> <td style="vertical-align: top;"> M = 100/200V N = 120/220-240V R = 220/240V </td> </tr> </table>						60 Hz Voltages	50 Hz Voltages	Input Voltage Code	0 = 120V 1 = 208V 2 = 240V 3 = 277V 4 = 480V 5 = 120/240V or 120/208/240/277/480V 6 = 240/480V 7 = 120/208/240/277V 8 = 120/277V 9 = 120/208/240/277V	A = 120/277/347V B = 347V C = 120/347V D = 120/240/347V E = 120/208/240V or 208/240V F = 277/480V, 277/347V, 277/347/480V or 347/480V H = 127/220V J = 220V or 220/240V Y = 100V or 100/200V			M = 100/200V N = 120/220-240V R = 220/240V	
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<p style="text-align: center;">Lamp Type/Wattage/Ballast Circuit Code</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 20%;">Ballast Type</td> <td> 71A = Core and Coil Ballast 72C = F-Can Ballast 73B = Encapsulated Core and Coil Ballast 74P = Postline Ballast 77L = Val-U-Pak Plus Replacement Ballast kit (includes lamp) 78E = Indoor Enclosed Ballast 79W = Outdoor Weatherproof Ballast </td> </tr> </table>					Ballast Type	71A = Core and Coil Ballast 72C = F-Can Ballast 73B = Encapsulated Core and Coil Ballast 74P = Postline Ballast 77L = Val-U-Pak Plus Replacement Ballast kit (includes lamp) 78E = Indoor Enclosed Ballast 79W = Outdoor Weatherproof Ballast								
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HID

60 Hz F-Can Ballasts, (Indoor, Outdoor Type I)

Metal Halide

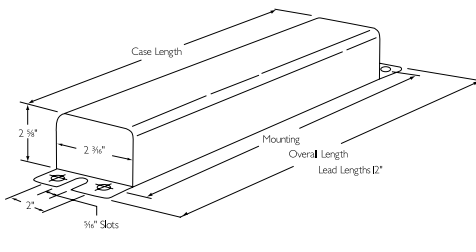
Input Voltage	Catalog Number	Circuit Type	Input Amps			Input Watts	Nom. Open Circuit Voltage	Fuse Rating Amps	Over-all Length	Case Length	Mtg. Dim.	Total Wt. (lbs)	Max. Ballast to Lamp Distance (ft)	Certifications	
			Operating	Starting	Open Circuit									UL	SF
35/39W Lamp, ANSI Code M130 (Pulse Start)													SOUND RATING B		
120/277	72C5081-NP	HX-HPF	.6/3	.6/3	1.0/4	56	255	3/1	11.75	10.50	11.13	9.0	10	✓	✓
50W Lamp, ANSI Code M110 or M148 (Pulse Start)													SOUND RATING B		
120/277	72C5181-NP	HX-HPF	.7/3	.8/4	1.2/5	72	254	3/2	11.75	10.50	11.13	9.0	25	✓	✓
	72C5181-NP-001														
120/347	72C51C1-NP		.6/2	.5/2	1.6/6	67	277	4/2					20	20	20
70W Lamp, ANSI Code M85 (Double-ended lamp) (Pulse Start)													SOUND RATING B		
120/277	72C5280-NP-001	HX-HPF	.9/4	1.0/5	1.7/8	94	240	5/2	11.75	10.50	11.13	8.5	10	✓	✓
70W Lamp, ANSI Code M98 or M143 (Pulse Start)													SOUND RATING B		
120/277	72C5282-NP	HX-HPF	.9/4	1.3/6	1.6/8	94	255	4/2	11.75	10.50	11.13	8.5	10	✓	✓
	72C5282-NP-001														
	72C5282-NP-900*														50
120/347	72C52C2-NP		.9/3	1.2/4	1.7/7			5/2				20		✓	
70W Lamp, ANSI Code M139 (Pulse Start)													SOUND RATING B		
120/277	72C5281-NP-900*	HX-HPF	.9/4	1.0/5	1.7/8	94	240	5/2	11.75	10.50	11.13	8.5	50	✓	✓
100W Lamp, ANSI Code M90 or M140 (Pulse Start)													SOUND RATING B		
120/277	72C5381-NP	HX-HPF	1.1/5	2.2/1.0	2.4/1.1	125	277	6/3	11.75	10.50	11.13	11.0	5	✓	✓
	72C5381-NP-001														
	72C5381-NP-900*														50
120/347	72C53C1-NP		1.1/4	2.2/8	2.4/9			6/2				15		✓	
150W Lamp, ANSI Code M81 (Double-ended lamp) (Pulse Start)													SOUND RATING B		
120/277	72C5481-NP	HX-HPF	1.6/7	1.7/8	3.7/1.6	180	240	10/4	14.30	13.13	13.75	13.0	10	✓	✓
150W Lamp, ANSI Code M102 or M142 (Pulse Start)													SOUND RATING B		
120/277	72C5482-NP	HX-HPF	1.6/7	1.5/8	3.7/1.6	180	277	10/4	14.30	13.13	13.75	13.0	5	✓	✓
	72C5482-NP-900*														
	72C54C2-NP-900*														50
120/347	72C54C2-NP-900*		1.6/6	1.7/6	3.7/1.3	180	240	10/4	14.30	13.13	13.75	13.0	50		✓

HID • F-Can

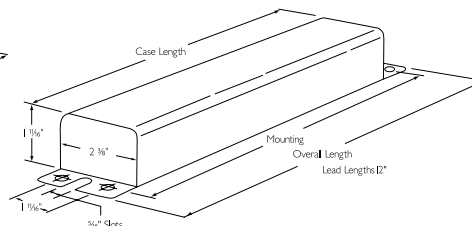
All Philips Advance dual-volt, F-can ballasts include auto-reset thermal protection for both taps.

Replacement ballasts in individual cartons indicated by bold type with suffix -001.

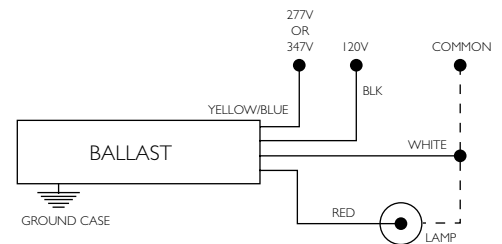
- Ballasts with suffix -900 include integral XTENXA Long-Range Ignitor for 50ft. max. ballast to lamp distance. Also suitable for shorter distances.
- * All 150W thru 400W F-Can Ballasts are not EISA compliant.



Dimensions



Dimensions
(72C5005-NP)



Wiring Diagram
All lead lengths 12"