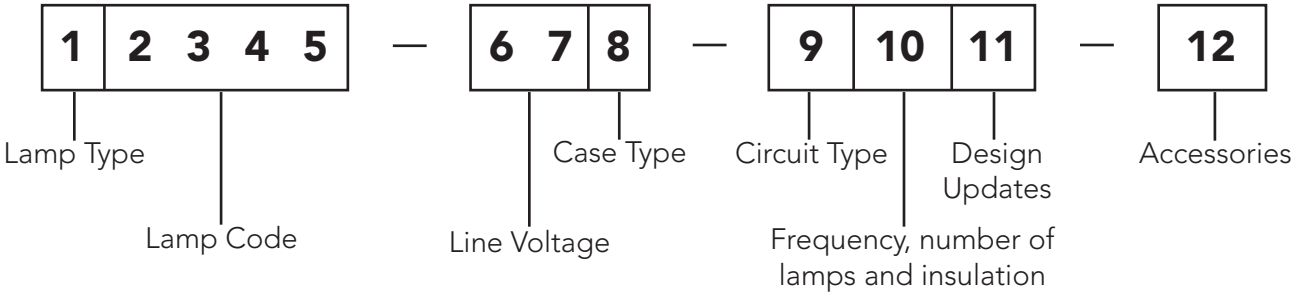
High Intensity Discharge (HID) Ballasts

Core and Coil Ballasts
Identifying the Ballast Model Number



HID Ballast Model Number example: Metal Halide (M), 400 watt (0400), 120/208/240/277 line voltage (71), *core and coil (C), CWA circuit (2), 60 line frequency/1lamp (1), standard design (1), replacement kit (K).

M	0 4 0 0	—	7 1	C	—	2	1	1	—	K

LAMP CODE

Column 1:
Selects the proper lamp type.
M = Metal Halide/Pulse Start MH
S = High Pressure Sodium
MS = Metal Halide/High Pressure Sodium

LAMP WATTAGE

Column 2 3 4 5:
Selects the proper lamp wattages.
0035 = 35 Watt
0050 = 50 Watt
0070 = 70 Watt
0100 = 100 Watt
0150 = 150 Watt
0175 = 175 Watt
0250 = 250 Watt
0320 = 320 Watt
0350 = 350 Watt
0400 = 400 Watt
0750 = 750 Watt
0875 = 875 Watt
1000 = 1000 Watt
1500 = 1500 Watt

LINE VOLTAGE

Column 6 7:
Selects the proper input operating voltages.

120	0 2
120/277	2 3
120T/480	2 9
120/208/240/277	7 1
120/208/240/277/480	8 1

CASE TYPE

Column 8:
Indicates the type of case used.
Case Construction Type.

Core and Coil	C
Utility - Tabbed	U

CIRCUIT TYPE

Column 9:
Indicates the type of circuit used.
Design Type

R-HPF - Reactor	1
CWA - Constant Wattage Auto Transformer	2
HX-HPF - High Reactance-High Power Factor	5
PS-CWA - Pulse Start Constant Wattage Autotransformer	6
Multiple Lamp Reactor	8
Multiple Lamp CWA	9

LINE FREQUENCY AND NUMBER OF LAMPS

Column 10:
Ballast operating frequency and total number of lamps that the ballast can operate at any one time.

Frequency	No. of Lamps	Insulation Class
60	1	H (180) 1
60	1	N (200) 2
60	1	H (180) E

* E = (E) EISA 2007 Compliant (Circle E)

DESIGN UPDATES

Column 11:
Indicates design revisions that are deemed significant enough for a model number change.

ACCESSORIES

Column 12:
Accessory codes are used to specify components included in the ballast order. This code is not part of the model number included on the label, but will be used as an extension to identify accessories.

CORE AND COIL ONLY	NO SUFFIX
Ballast with welded bracket	B
Ballast with oil cap	C
Ballast with dry cap	D
Ballast with standard starter	E

*Disclaimer: All possible ballast product numbers might not be available. Please consult factory before ordering.

Ballast Kits
Identifying the Ballast Model Number

Lamp Type		Wattage		Input Volts		Circuit Type		Packaging
M	-	400	-	4T	-	CWA	-	K
M - Metal Halide		175 250 400 1000 1500		4T 5T 480T		CWA		Kit
MP	-	400	-	4T	-	PSCWA	-	K
MP - Pulse Start Metal Halide		50 70 100 150 250 400 750 875 1000		2T 4T 5T		HXH PSCWA		Kit
S	-	150	-	4T	-	HXH	-	K
S - High Pressure Sodium		35 50 70 100 150 250 400 1000		120 4T 5T		RXN RXH HXH CWA		Kit

Electronic Ballasts

Compact Fluorescent Ballasts

HID Ballasts

LAMP TYPE	WATTAGE	INPUT VOLTS
• M = Metal Halide • MP = Pulse Start MH • S = High Pressure Sodium	• Metal Halide - 175, 250, 400, 1000, 1500 • Pulse Start - 50, 70, 100, 150, 250, 400, 1000 • High Pressure Sodium - 35, 50, 70, 100, 150, 250, 400, 1000	• 2T - 120/277v • 4T - 120/208/240/277v • 5T - 120/208/240/277/480v • 120 - 120v • 480T - 120T/480v

CIRCUIT TYPE	PACKAGING		
RXN - Reactor Normal Power Factor* RXH - Reactor High Power Factor HXN - High Reactance Normal Power Factor* HXN - High Reactance High Power Factor CWA - Constant Wattage Autotransformer PSCWA - Pulse Start CWA	K - Kit		
	Metal Halide Ballast Kit • Ballast • Capacitor • Mounting Bracket	**Pulse Start Ballast Kit** • Ballast • Capacitor* • Starter • Mounting Bracket	**High Pressure Sodium Ballast Kit** • Ballast • Capacitor* • Starter • Mounting Bracket

* For Normal Power Factor High Reactance and Reactor ballasts, the ballast operates without the use of a capacitor. Therefore, a capacitor will not be included with the kit. For all other circuit types, a capacitor is included and standard.