

Core & Coil Replacement Kits

Pulse Start Metal Halide

Input Volts	Catalog Number	Circuit Type	Total Weight (Lbs)	Certifications		
						
35W/39W Lamp, ANSI Code M130 (Pulse Start)						
120/277	71A5081-001D	HX-HPF	4.0	✓	✓	✓
50W Lamp, ANSI Code M110 or M148 (Pulse Start)						
120/277	71A5181-001D	HX-HPF	4.9	✓	✓	✓
120/208/ 240/277	71A5191-001D	HX-HPF	4.9	✓	✓	✓
70W Lamp, ANSI Code M98 or M143 (Pulse Start)						
120/208/ 240/277	71A5292-001D	HX-HPF	5.5	✓	✓	✓
100W Lamp, ANSI Code M90 or M140 (Pulse Start)						
120/208/ 240/277	71A5390-001D	HX-HPF	5.6	✓	✓	✓
150W Lamp, ANSI Code M102 or M142 (Pulse Start)						
120/208/ 240/277	71A5492-001D	HX-HPF	7.8	✓	✓	✓
175W Lamp, ANSI Code M137 or M152 (Pulse Start)						
120/208/ 240/277	71A5593-001D	Super CWA	8.0	✓	✓	✓
200W Lamp, ANSI Code M136 (Pulse Start)						
120/208/ 240/277	71A5692-001D	Super CWA	8.6	✓	✓	✓
250W Lamp, ANSI Code M138 or M153 (Pulse Start)						
120/208/ 240/277	71A5792-001D	Super CWA	10.3	✓	✓	✓
120/208/ 240/277/ 400	71A5752-001D	Super CWA	11.5	✓	✓	✓
320W Lamp, ANSI Code M132, M154 or M170 (Pulse Start)						
120/208/ 240/277	71A5892-001D	Super CWA	11.4	✓	✓	✓
480/120T	71A5842-001DT	Super CWA	11.3	✓	✓	✓
350W Lamp, ANSI Code M131 or M171 (Pulse Start)						
120/208/ 240/277	71A5993-001D	Super CWA	11.5	✓	✓	✓
400W Lamp, ANSI Code M135 or M155 or M172 (Pulse Start)						
120/208/ 240/277	71A6092-001D	Super CWA	13.2	✓	✓	✓
480/120T	71A6042-001D	Super CWA	13.0	✓	✓	✓
120/208/ 240/277/ 480	71A6052001D	Super CWA	16.0	✓	✓	✓

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750W Lamp, ANSI Code M149 (Pulse Start)						
277/347/480/120T	71A64F2-001D	Super CWA	19.0	✓	✓	✓
120/208/240/277/480	71A6452-001D	Super CWA	20.2	✓	✓	✓
1000W Lamp, ANSI Code M141 (Pulse Start)						
120/208/240/277	71A6593-001	Super CWA	23.1	✓	✓	✓
120/208/240/277/480	71A6553-001	Super CWA	24.0	✓	✓	✓
347/480/120T	71A65F3-001	Super CWA	22.0	✓	✓	✓

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Input Volts	Catalog Number	Circuit Type	Total Weight (Lbs)	Certifications		
						
175/150W Lamp, ANSI Code M57/M107						
120/208/ 240/277	71A5570-001D	CWA	7.5	✓	✓	✓
480	71A5540-001D	CWA	7.5	✓	✓	✓
250W Lamp, ANSI Code M58						
120/208/ 240/277	71A5770-001D	CWA 4x4 Core	10.0	✓	✓	✓
120/208/ 240/277/ 480	71A5750-001D		10.3	✓	✓	✓
120/208/ 240/277	71A5771-001D	CWA 3x3 Core	10.0	✓	✓	✓
480	71A5741-001D		10.0	✓	✓	✓
400W Lamp, ANSI Code M59						
120/208/ 240/277	71A6071-001D	CWA	12.0	✓	✓	✓
120/208/ 240/277/ 480	71A6051-001D	CWA	13.1	✓	✓	✓
480/120T	71A6041-001D	CWA	12.7	✓	✓	✓
1000W Lamp, ANSI Code M47						
120/208/ 240/277	71A6572-001	CWA	21.4	✓	✓	✓
120/208/ 240/277/ 480	71A6552-001	CWA	26.0	✓	✓	✓
480/120T	71A6542-001	CWA	21.3	✓	✓	✓
1500W Lamp, ANSI Code M48						
120/208/ 240/277	71A6772-001	CWA	31.6	✓	✓	✓
480/120T	71A6742-001	CWA	31.8	✓	✓	✓

60 Hz Core & Coil Ballasts

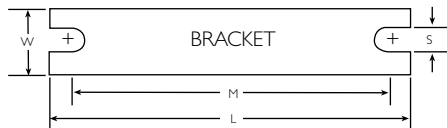
Metal Halide



Input Volts	Catalog [†] Number	Circuit Type	Input Watts	Max [*] Input Current	Nom Open Circuit Voltage	Fuse Rating (Amps)	Wiring Dia	Dimensions			Non-PCB Capacitor (Page 7-37 & 7-38)				Total Weight (lbs)	Ignitor ^{††} (Page 7-39 to 7-43)		U.L. Bench Top Rise Code 1029 (pg 7-3)	
											Mfd	Min Volt	Cap Catalog Number	Dry or Oil		Part Number	Max Dist To Lamp (ft)		
								Fig	A	B									
1000W Lamp, ANSI Code M141 (Pulse Start), or 860W Lamp, ANSI Code C194 (Philips AllStart)**																			
480	71A6543-500A	Super CWA	1080	2.3	430	6	M	8	3.1	5.0	24	480	MD2409-000	O	21.0	LI572-H5★	5	D	A
120/208/240/277/480	71A6553-500	Super CWA	1080	9.1/5.6/4.7/4.1/2.4	426	22/15/12/10/6	M	8	3.0	4.7	24	480	MD2409-000	O	22.0	LI572-H5★	5	D/D/B/B	A/A/A/A
120/208/240/277/480	71A6553-001	Super CWA	1090	9.2/5.8/4.8/4.1/2.4	430	25/15/12/10/6	M	8	3.9	5.6	24	480	MD2409-000	O	25.0	LI572-H5★	5	D/D/C/C	A/A/A/A
120/208/240/277	71A6593-600	Super CWA	1080	9.0/5.2/4.5/3.9	430	20/15/10/10	M	8	2.8	4.5	24	480	MD2409-000	O	21.0	LI571-H5★	5	D/B/B/B	A/A/A/A
120/208/240/277	71A6593-001	Super CWA	1080	9.2/5.3/4.6/4.0	430	20/15/10/10	M	8	3.2	5.2	24	480	MD2409-000	O	25.0	LI571-H5★	5	D/B/B/B	A/A/A/A
347/480/120T	71A65F3-500T 71A65F3-001	Super CWA	1075	3.2/2.4	430	8/6	M	8	2.8	4.5	24	440	MD2409-000	O	21.0	LI571-H5★	5	D/D	A/A
277/347/480/120T	71A65F3-500TA	Super CWA	1080	4.0/3.3/2.3	430	10/8/6	M	8	3.3	5.3	24	440	MD2409-000	O	21.0	LI571-H5★	5	D/D/D	A/A/A
120/208/240/277	71A6591-600	Super CWA	1070	9.0/5.2/4.5/3.9	415	20/15/10/10	M	2	3.4	5.3	24	480	MD2409-000	O	19.0	LI572-H5★	5	D/D/D/D	A/A/A/A
347/480/120T	71A65F1-600T	Super CWA	1070	3.1/2.2	415	8/6	M	2	3.4	5.3	24	480	MD2409-000	O	19.0	LI572-H5★	5	D/D	A/A

WELDED BRACKET DIMENSIONS

Ballast Dimensions Fig	L	W	M	S
2	6.5	1.25	5.75	0.28
8	7.8	2.75	6.13	0.25



† Ordering information:

Replacement/retrofit ballast kits – indicated by bold type and -001D or -001 suffix. Refer to pages 7-4 to 7-9 for more information on replacement kits.

Original equipment ballasts – typically ordered with capacitor (as shown).

-500D includes core & coil with dry-film capacitor.

-500 includes core & coil with oil-filled capacitor (required for higher wattage ballasts).

May also be available with welded bracket, and/or without capacitor:

-510D includes core & coil with welded bracket and dry-film capacitor.

-510 includes core & coil with welded bracket and oil-filled capacitor.

-600 core & coil only (no capacitor).

-610 core & coil with welded bracket (no capacitor).

†† Each ballast requiring an ignitor is furnished standard with a short-range ignitor model shown for use within fixtures. Long-range ignitors are available separately if required. See pages 7-39 to 7-43 for additional information.

• **Maximum Input Current** – For HX and R circuits, value is the highest of starting, operating or open circuit current. For CWA, SCWA and CWI circuits, value is the operating current.

****** The 860 Watt Lamp, ANSI Code M194 is an energy saving, screw in replacement lamp for the M47 or M141 PS lamp that may reduce input watts up to 18% on existing ballasts.

NOM Certified ballast available for Mexican market. Add "ML" to suffix (example: -500DML). Ballasts are branded Philips.

🇨🇦 Canadian replacement/retrofit ballast kit indicated by **bold type**. Refer to page 7-8.

♦ Special compact 4¼ x 4¼ core design.