



**PHILIPS ADVANCE** **LumaPro**

**Current HID Ballast Kits**

HID ballast kits contain HID ballasts, capacitors, ignitors, and other parts that are used to maintain HID light fixtures. They are used when replacing old ballasts and their coordinating components in HID fixtures.

Max. Bulb Watts Metal Halide	Ballast Start Type	Input Voltage	ANSI Code	Brand	Item No.
39 W	Pulse	120/277V AC	M130	Advance	6CAT2
50 W	Pulse	120 to 277V AC	M110	Advance	2LMV8
50 W	Pulse	120 to 277V AC	M110	LumaPro	6XPW1
50 W	Pulse	120 to 277V AC	M110	Advance	6CAT3
70 W	Pulse	120 to 277V AC	M98	LumaPro	1XUD6
70 W	Pulse	120 to 277V AC	M98/M143	Advance	3LE31
100 W	Pulse	120 to 277V AC	M90	LumaPro	1XUD7
100 W	Pulse	120 to 277V AC	M90/M140	Advance	3V555
150 W	Pulse	120 to 277V AC	M102/M142	Advance	1FY61
150 W	Pulse	120 to 277V AC	M102/M142	LumaPro	4CRJ2
175 W	Probe	120 to 277V AC	M57	LumaPro	1XUD8
175 W	Probe	120/208/240/277/480V AC	M57	LumaPro	1XUD9
175 W	Probe	120 to 277V AC	M57/M107	Advance	3A531
175 W	Pulse	120/208/240/277/480V AC	M137/M152	LumaPro	1XUK1
175 W	Pulse	120 to 277V AC	M137/M152	LumaPro	4CRJ6
175 W	Pulse	120 to 277V AC	M137/M152	Advance	6CAT5
200 W	Pulse	120 to 277V AC	M136	LumaPro	4CRJ5
200 W	Pulse	120 to 277V AC	M136	Advance	4PL59
250 W	Probe	120/208/240/277/480V AC	M58	Advance	1FYG2
250 W	Probe	120 to 277V AC	M58	Advance	1N108
250 W	Probe	120/208/240V AC	M58	LumaPro	1XUE1
250 W	Probe	120/208/240/277/480V AC	M58	LumaPro	1XUE2
250 W	Probe	120 to 277V AC	M58	Advance	3A532
250 W	Probe	120 to 277V AC	M58	LumaPro	4CRJ3
250 W	Pulse	120 to 277V AC	M138/M153	LumaPro	4CRH2
250 W	Pulse	120/208/240/277/480V AC	M138/M153	LumaPro	4CRH6
250 W	Pulse	120 to 277V AC	M138/M153	Advance	5VG60
320 W	Pulse	120 to 277V AC	M132/M154	LumaPro	4CRH3
320 W	Pulse	120/208/240/277/480V AC	M132/M154	LumaPro	4CRH7
320 W	Pulse	120 to 277V AC	M132/M154	Advance	4PL60
350 W	Pulse	120 to 277V AC	M131	LumaPro	4CRH4
350 W	Pulse	120/208/240/277/480V AC	M131	LumaPro	4CRJ9
350 W	Pulse	120 to 277V AC	M131/M171	Advance	4PL62
400 W	Probe	120 to 277V AC	M59	Advance	1A029

Max. Bulb Watts	Ballast Start Type	Input Voltage	ANSI Code	Brand	Item No.
400 W	Probe	120/208/240/277/480V AC	M59	Advance	1FYG3
400 W	Probe	120 to 277V AC	M59	LumaPro	1XUE3
400 W	Probe	120/208/240/277/480V AC	M59	LumaPro	1XUE4
400 W	Probe	480V AC	M59	Advance	6V621
400 W	Pulse	120 to 277V AC	M59	Current	45MV55
400 W	Probe	120/208/240/277/480V AC	M59	Current	48K858
400 W	Pulse	120 to 277V AC	M135/M155	LumaPro	4CRH5
400 W	Pulse	120 to 277V AC	M135/M155	Advance	4PL63
400 W	Pulse	120/208/240/277/480V AC	M135/M155	Advance	6CAT9
400 W	Pulse	480V AC	M135/M155	Advance	4YD23
750 W	Pulse	277/347/480V AC	M149	Advance	1ND73
750 W	Pulse	120/208/240/277/480V AC	M149	LumaPro	1XUK5
750 W	Pulse	120/208/240/277/480V AC	M149	Advance	6CAU0
750 W	Pulse	120 to 277V AC	M149/M181	LumaPro	4CRJ7
1,000 W	Probe	120 to 277V AC	M47	Advance	1A030
1,000 W	Probe	120/208/240/277/480V AC	M47	Advance	1FYD8
1,000 W	Probe	120 to 277V AC	M47	LumaPro	1XUE5
1,000 W	Probe	120/208/240/277/480V AC	M47	LumaPro	1XUE6
1,000 W	Probe	480V AC	M47	Advance	6V624
1,000 W	Probe	120/208/240/277/480V AC	M47	Current	12J918
1,000 W	Pulse	120 to 277V AC	M90/M140	Current	21GR17
1,000 W	Pulse	120 to 277V AC	M141	Advance	6CAU1
1,000 W	Pulse	120/208/240/277/480V AC	M141	LumaPro	6XPW6
1,000 W	Pulse	347/480V AC	M141	Advance	3ZKX1
1,000 W	Pulse	120/208/240/277/480V AC	M141	Current	4YRF1
1,100 W	Pulse	120 to 277V AC	M141	LumaPro	4CRJ8
1,500 W	Probe	120 to 277V AC	M48	LumaPro	4CRJ4
1,500 W	Probe	480V AC	M48	LumaPro	6XPW5
1,500 W	Probe	480V AC	M48	Advance	6CAT4
<b>High Pressure Sodium</b>					
50 W	Pulse	120 to 277V AC	S68	LumaPro	4CRH9
50 W	Pulse	120 to 277V AC	S68	Advance	6V627
50 W	Pulse	120 to 277V AC	S68	Advance	6CAU2
70 W	Pulse	120 to 277V AC	S62	Advance	1A875
70 W	Pulse	480V AC	S62	LumaPro	6XPW7
100 W	Pulse	120 to 277V AC	S54	Advance	1A031
100 W	Pulse	120 to 277V AC	S54	LumaPro	1XUF3
100 W	Pulse	480V AC	S54	LumaPro	6XPW8
150 W	Pulse	120 to 277V AC	S55	Advance	1A032
150 W	Pulse	120 to 277V AC	S55	LumaPro	1XUF4
150 W	Pulse	120/480V AC	S55	LumaPro	4CRJ1
150 W	Pulse	480V AC	S55	Advance	6V760
250 W	Pulse	120 to 277V AC	S50	Advance	1A033
250 W	Pulse	120/208/240/277/480V AC	S50	Advance	1FYD9
250 W	Pulse	120 to 277V AC	S50	LumaPro	1XUF5
250 W	Pulse	480V AC	S50	LumaPro	6XPW2
400 W	Pulse	120 to 277V AC	S51	LumaPro	1XUF7
400 W	Pulse	120/208/240/277/480V AC	S51	LumaPro	1XUF8
400 W	Pulse	480V AC	S51	LumaPro	6XPW3
400 W	Pulse	120 to 277V AC	S51/M169	Advance	1A034
400 W	Pulse	120/208/240/277/480V AC	S51/M169	Advance	1FYE1
400 W	Pulse	480V AC	S51/M169	Advance	6V762
1,000 W	Pulse	120/208/240/277/480V AC	S52	Advance	1FYE2
1,000 W	Pulse	120 to 277V AC	S52	LumaPro	1XUF9
1,000 W	Pulse	120/208/240/277/480V AC	S52	LumaPro	1XUG1
1,000 W	Pulse	480V AC	S52	Advance	6V763
1,000 W	Pulse	120 to 277V AC	S52	Advance	6V764
1,000 W	Pulse	480V AC	S52	LumaPro	6XPW4
1,000 W	Pulse	120/208/240/277/480V AC	S52	Current	48K876



**HID Capacitors**

HID capacitors install into ballasts on HID light fixtures to help prevent the bulbs in the fixtures from flickering. They help regulate the voltage and current going to the bulbs and ensure the bulbs can produce a steady light output. HID capacitors require regular replacement to ensure they continue to operate HID bulbs at full brightness.

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MFD Rating	Voltage	For Use With	Dia.	H	Brand	Item No.
<b>Dry-Filled HID Capacitor</b>						
8	300V AC	70W MH HX-HPF, R-HPF	1 1/4 in	2 3/4 in	Advance	5ZNE1
10	400V AC	175W MH CWA	1 3/4 in	3 1/4 in	LumaPro	30UJ99
10	400V AC	175W MH CWA	1 3/4 in	3 3/4 in	Advance	5ZND3
11	400V AC	175W PS SCWA	1 3/4 in	3 1/4 in	LumaPro	30UK11
12	300V AC	100W MH Hx	1 3/4 in	3 1/4 in	LumaPro	30UK06
14	300V AC	150W HPS Hx	1 3/4 in	3 1/4 in	LumaPro	30UK09
14	120V AC	35W HPS Reactor	1 3/4 in	3 1/4 in	LumaPro	30UK35
14	120V AC	35W HPS R-HPF	1 1/4 in	2 1/4 in	Advance	5ZNG8
15	400V AC	250W MH CWA	1 3/4 in	4 9/16 in	LumaPro	30UK02
15	400V AC	250W MH CWA	1 3/4 in	3 3/4 in	Advance	5ZND5
16	300V AC	150W MH Hx	1 3/4 in	3 1/4 in	LumaPro	30UK12
16	400V AC	150W MH Hx	1 3/4 in	4 9/16 in	LumaPro	30UK26
17	400V AC	250W PS SCWA	1 3/4 in	4 9/16 in	LumaPro	30UK13
17.5	300V AC	90W LPS HX-HPF, 100W MH HX-HP, 150W HPS HX-HPF	1 3/4 in	3 3/4 in	Advance	5ZNE7
20	120V AC	50W HPS Reactor	1 3/4 in	3 1/4 in	LumaPro	30UK29
21	400V AC	320W PS SCWA	1 3/4 in	4 9/16 in	LumaPro	30UK03
22	240V AC	150W TRI PS SCWA	1 3/4 in	3 1/4 in	LumaPro	30UK31
22.5	300V AC	320W PS SCWA	1 3/4 in	3 1/4 in	LumaPro	30UK19
22.5	400V AC	350W PS SCWA	1 3/4 in	4 9/16 in	LumaPro	30UK20
24	400V AC	400W MH CWA	1 3/4 in	4 9/16 in	LumaPro	30UK01
24	400V AC	400W MH CWA	1 3/4 in	4 13/16 in	Advance	5ZND4
26	330V AC	400W PS SCWA	1 3/4 in	4 9/16 in	LumaPro	30UK07
26	330V AC	400W PS SCWA	1 3/4 in	4 13/16 in	Advance	5ZNE0
55	240V AC	150, 400W HPS CWA	1 3/4 in	4 9/16 in	LumaPro	30UJ98
55	120V AC	150W HPS Reactor	1 3/4 in	4 9/16 in	LumaPro	30UK24
<b>Oil-Filled HID Capacitor</b>						
24	480V AC	1000W MH CWA	1 3/4 in	3 7/8 in	Advance	3HHH1
24	480V AC	1000W MH SCWA	1 3/4 in	3 7/8 in	Advance	5ZND7
32	525V AC	1500W MH CWA	2 in	3 3/4 in	Advance	5ZNF0



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**Ballast Ignitors**

HID ballast ignitors install into HID light fixtures that have core-and-coil ballasts. They produce the initial voltage needed to light the fixtures' HID bulbs and should be replaced when the lights begin to flicker or fail to light. Not interchangeable with other brands of ballast.

Max. Bulb Watts	Min. Distance to Bulb	Max. Distance to Bulb	Item No.
<b>Advance Val-U-Pak Plus (77L)</b>			
<b>High Pressure Sodium Ballast Ignitors</b>			
150 W	5 in	2 ft	3A533
400 W	5 in	2 ft	3A534
1,000 W	15 ft	15 ft	1N117
1,000 W	15 ft	75 ft	1N118
<b>Metal Halide Ballast Ignitors</b>			
400 W	2 ft	25 ft	3V987
<b>LumaPro</b>			
<b>High Pressure Sodium Ballast Ignitors</b>			
105 W	12 in	15 in	1XUG3
400 W	12 in	15 in	1XUG4
1,000 W	—	15 ft	1XUG5