



Wattage	Volts	Code	Input Watts	Open Circuit Voltage	Starting Current	Operating Current	Open Circuit Current
Metal Halide							
175W	120	8M4M-C500K	213	310	1.23	1.80	1.70
ANSI M57	208	8M4M-C500K	213	310	0.70	1.10	1.10
	240	8M4M-C500K	213	310	0.60	0.90	0.85
	277	8M4M-C500K	213	310	0.52	0.78	0.75
	480	8M4D-C500K	213	310	0.27	0.45	0.51
250W	120	8M5M-C500K	293	305	1.10	2.50	3.05
ANSI M58	208	8M5M-C500K	293	305	0.65	1.45	1.65
	240	8M5M-C500K	293	305	0.55	1.30	1.55
	277	8M5M-C500K	293	305	0.50	1.12	1.25
	480	8M5D-C500K	294	280	0.25	0.65	0.65
400W	120	8M6M-C500K	458	300	2.50	4.00	3.20
ANSI M59	208	8M6M-C500K	458	300	1.40	2.30	1.80
	240	8M6M-C500K	458	300	1.20	2.00	1.60
	277	8M6M-C500K	458	300	1.00	1.70	1.50
	480	8M6D-C500K	458	300	0.60	1.00	0.90
1000W	120	8M8M-C500K	1080	420	4.80	9.20	6.10
ANSI M47	208	8M8M-C500K	1080	420	2.40	5.30	4.90
	240	8M8M-C500K	1080	420	2.30	4.60	3.10
	277	8M8M-C500K	1080	420	1.95	4.00	3.00
	480	8M8D-C500K	1100	440	1.30	2.40	1.50
1500 Watt	120	8M9M-C500K	1605	440	11.30	13.40	6.30
ANSI M48	208	8M9M-C500K	1605	440	6.50	7.75	3.65
	240	8M9M-C500K	1605	440	5.65	6.70	3.15
	277	8M9M-C500K	1605	440	4.90	5.80	2.75
	480	8M9D-C500K	1625	450	3.00	3.40	1.65
Pulse Start Metal Halide							
50 Watt	120	8M0M-H510K	68	250	0.87	0.60	1.16
ANSI M110	208	8M0M-H510K	68	250	0.51	0.35	0.67
	240	8M0M-H510K	68	250	0.47	0.30	0.57
	277	8M0M-H510K	68	250	0.39	0.25	0.50
70 Watt	120	8M1M-H510/PS	95	245	0.80	0.85	1.70
ANSI M98	208	8M1M-H510/PS	95	245	0.50	0.50	1.04
	240	8M1M-H510/PS	95	245	0.43	0.43	0.87
	277	8M1M-H510/PS	95	245	0.39	0.37	0.78
	480	8M1D-H510/PS	95	245	0.19	0.23	0.50
100 Watt	120	8M2M-H510/PS	130	250	1.20	1.15	2.30
ANSI M90	208	8M2M-H510/PS	130	250	0.70	0.60	1.30
	240	8M2M-H510/PS	130	250	0.61	0.55	1.10
	277	8M2M-H510/PS	130	250	0.55	0.45	0.95
	480	8M2D-H510/PS	140	250	0.25	0.35	0.62
150 Watt	120	8M3M-H510/PS	185	245	1.70	1.68	3.32
M102	208	8M3M-H510/PS	185	245	1.00	0.98	1.93
	240	8M3M-H510/PS	185	245	0.80	0.83	1.66
	277	8M3M-H510/PS	185	245	0.77	0.75	1.48
	480	8M3D-H510/PS	180	245	0.30	0.44	1.00
175 Watt	120	8M4M-C510/PS	208	255	1.10	1.80	1.70
M137	208	8M4M-C510/PS	208	255	0.58	1.10	1.10
	240	8M4M-C510/PS	208	255	0.51	0.90	0.85
	277	8M4M-C510/PS	208	255	0.45	0.78	0.75
	480	8M4M-C510/PS	210	255	0.25	0.50	0.45

Pulse Start Metal Halide (Cont.)

200 Watt	120	8M4.5M-C510/PS	232	265	1.15	2.20	1.80
M136	208	8M4.5M-C510/PS	232	265	0.65	1.25	1.25
	240	8M4.5M-C510/PS	232	265	0.55	1.10	1.10
	277	8M4.5M-C510/PS	232	265	0.49	0.95	0.90
	480	8M4.5D-C510/PS	232	265	0.19	0.50	0.43
250 Watt	120	8M5M-C510/PS	294	280	1.20	2.60	2.50
M138	208	8M5M-C510/PS	294	280	0.65	1.50	1.58
	240	8M5M-C510/PS	294	280	0.60	1.30	1.25
	277	8M5M-C510/PS	294	280	0.50	1.12	1.10
	480	8M5D-C510/PS	270	260	0.21	0.57	0.48
320 Watt	120	8M5.4M-C510/PS	365	265	3.30	3.25	1.60
M132	208	8M5.4M-C510/PS	365	265	1.90	1.90	1.00
	240	8M5.4M-C510/PS	365	265	1.60	1.65	0.80
	277	8M5.4M-C510/PS	365	265	1.40	1.40	0.70
	277	8M5.4-R510/PS	349	277	1.70	1.40	1.70
	480	8M5.4D-C510/PS	360	265	0.63	0.79	0.65
350 Watt	120	8M5.7M-C510/PS	386	280	3.60	3.70	1.80
M131	208	8M5.7M-C510/PS	386	280	2.10	2.10	1.10
	240	8M5.7M-C510/PS	386	280	1.80	1.80	0.90
	277	8M5.7M-C510/PS	386	280	1.60	1.60	0.80
	277	8M5.7C-R510/PS	380	277	1.80	1.50	1.90
	480	8M5.7D-C510/PS	400	260	0.75	0.85	0.65
400 Watt	120	8M6M-C510/PS	458	265	3.30	4.00	2.30
M135	208	8M6M-C510/PS	458	265	1.90	2.30	1.90
	240	8M6M-C510/PS	458	265	1.60	2.10	1.60
	277	8M6M-C510/PS	458	265	1.40	1.80	0.90
	277	8M6C-R510/PS	435	277	2.10	1.70	2.10
	480	8M6D-C510/PS	456	270	0.85	1.00	0.63
450 Watt	120	8M6.5M-C510/PS	506	281	2.70	4.44	2.68
M144	208	8M6.5M-C510/PS	506	281	1.56	2.56	1.67
	240	8M6.5M-C510/PS	506	281	1.35	2.22	1.44
	277	8M6.5M-C510/PS	506	281	1.17	1.92	1.25
	277	8M6.5C-R510/PS	485	277	2.30	1.90	2.30
	480	8M6.5D-C510/PS	505	260	0.65	1.10	0.60



Ballast Line Current Data

Wattage	Volts	Code	Input Watts	Open Circuit Voltage	Starting Current	Operating Current	Open Circuit Current
Pulse Start Metal Halide (Cont.)							
750 Watt	120	8M7M-C510K/PS	815	370	4.80	6.80	4.60
M149	208	8M7M-C510K/PS	815	370	2.80	4.00	2.60
	240	8M7M-C510K/PS	815	370	2.40	3.40	2.30
	277	8M7M-C510K/PS	815	370	2.10	3.00	2.00
	480	8M7D-C510K/PS	820	370	1.10	1.70	1.35
875 Watt	120	8M7.5M-C510K/PS	940	420	5.50	8.00	5.50
TBA	208	8M7.5M-C510K/PS	940	420	3.20	4.50	3.20
	240	8M7.5M-C510K/PS	940	420	2.75	4.00	2.75
	277	8M7.5M-C510K/PS	940	420	2.40	3.45	2.40
	480	8M7.5D-C510K/PS	945	480	2.45	2.00	2.75
High Pressure Sodium							
35 Watt	120	8S0A-R010	43	120	1.15	0.85	n/a
S76	120	8S0A-R510	43	120	0.40	0.40	0.68
50 Watt	120	8S1A-R010	60	120	1.50	1.18	n/a
S68	120	8S1A-R510	60	120	0.68	0.54	0.90
	120	8S1M-H510	64	120	0.58	0.58	1.24
	208	8S1M-H510	64	120	0.35	0.33	0.60
	240	8S1M-H510	64	120	0.31	0.29	0.52
	277	8S1M-H510	64	120	0.25	0.25	0.45
70 watt	120	8S2A-R010	83	120	2.10	1.60	n/a
S62	120	8S2A-R010	83	120	0.90	0.75	1.30
	120	8S2M-H510	94	120	0.90	0.82	1.40
	208	8S2M-H510	94	120	0.50	0.48	0.83
	240	8S2M-H510	94	120	0.44	0.41	0.72
	277	8S2M-H510	94	120	0.35	0.36	0.62
	480	8S2D-H510	94	120	0.21	0.20	0.34
100 Watt	120	8S3A-R010	117	120	2.90	2.10	n/a
S54	120	8S3A-R010	117	120	1.20	1.00	1.80
	120	8S3M-H510	128	120	0.80	1.14	2.20
	208	8S3M-H510	128	120	0.55	0.66	1.40
	240	8S3M-H510	128	120	0.41	0.57	1.10
	277	8S3M-H510	128	120	0.35	0.49	0.95
	480	8S3D-H510	128	120	0.54		
150 Watt	120	8S4A-R010	171	120	4.40	3.20	n/a
S55	120	8S4A-R510	171	120	2.20	1.50	2.40
	120	8S4M-H511	189	120	1.95	1.66	3.00
	208	8S4M-H511	189	120	1.10	0.96	1.65
	240	8S4M-H511	189	120	0.95	0.83	1.45
	277	8S4M-H511	189	120	0.88	0.72	1.25
	480	8S4D-H511	189	120	0.36	0.44	0.72
200 Watt	120	8S5M-C510	230	175	1.30	2.00	0.78
S66	208	8S5M-C510	230	175	0.75	1.20	0.50
	240	8S5M-C510	230	175	0.64	1.00	0.40
	277	8S5M-C510	230	175	0.56	0.88	0.34
	480	8S5D-C510	245	175	0.31	0.55	0.24

Wattage	Volts	Code	Input Watts	Open Circuit Voltage	Starting Current	Operating Current	Open Circuit Current
High Pressure Sodium (Cont.)							
250 watt	120	8S6M-C510	300	185	1.75	2.50	1.65
S50	208	8S6M-C510	300	185	1.00	1.43	0.90
	240	8S6M-C510	300	185	0.85	1.25	0.80
	277	8S6M-C510	300	185	0.75	1.10	0.75
	480	8S6D-C510	285	200	0.36	0.62	0.38
400 Watt	120	8S7M-C510	465	190	3.10	3.90	1.85
S51	208	8S7M-C510	465	190	1.80	2.25	1.10
	240	8S7M-C510	465	190	1.60	1.95	0.90
	277	8S7M-C510	465	190	1.35	1.70	0.80
	480	8S7D-C510	465	190	0.80	1.00	0.50
1000 Watt	120	8S9M-C510	1100	440	5.00	9.50	6.10
S52	208	8S9M-C510	1100	440	3.00	5.50	3.50
	240	8S9M-C510	1100	440	2.60	4.80	3.10
	277	8S9M-C510	1100	440	2.20	4.10	2.70
	480	8S9D-C510	1100	440	1.30	2.40	1.50