

HIGH PRESSURE SODIUM BALLAST SPECIFICATION						
LAMP WATTAGE AND TYPE ANSI NUMBER	PRIMARY VOLTAGE	CIRCUIT TYPE	MAXIMUM INPUT CURRENT - AMPS		INPUT WATT	OPEN CIRCUIT VOLTAGE
			START/OPEN CIRCUIT	OPERATE		
35 Watt High Pressure Sodium S-76	120	Reactor – HPF	.68	.40	43	120
50 Watt High Pressure Sodium S-68	120	HX-HPF	1.24	.58	66	120
	208		.59	.33	66	120
	240		.50	.29	66	120
	277		.45	.25	66	120
50 Watt High Pressure Sodium S-68	120	Reactor – HPF	.90	.55	60	120
70 Watt High Pressure Sodium S-62	120	HX-HPF	1.45	.82	94	120
	208		.85	.48	94	120
	240		.75	.41	94	120
	277		.65	.36	94	120
	347		.52	.30	94	120
	480		.36	.21	94	120
70 Watt High Pressure Sodium S-68	120	Reactor – HPF	1.30	.75	82	120
100 Watt High Pressure Sodium S-54	120	HX-HPF	2.20	1.15	130	120
	208		1.40	.67	130	120
	240		1.10	.58	130	120
	277		.95	.50	130	120
	347		.70	.39	130	120
	480		.57	.29	130	120
100 Watt High Pressure Sodium S-54	120	Reactor – HPF	1.80	1.05	115	120
150 Watt High Pressure Sodium S-55	120	Reactor – HPF	2.40	1.50	170	120
150 Watt High Pressure Sodium S-55	120	HX-HPF	3.00	1.66	188	120
	208		1.65	.96	188	120
	240		1.45	.83	188	120
	277		1.25	.72	188	120
	347		1.00	.57	188	120
	480		.72	.44	188	120
250 Watt High Pressure Sodium S-50	120	CWA	1.75	2.70	300	187
	208		1.00	1.50	300	187
	240		.85	1.30	300	187
	277		.75	1.15	300	187
	347		.70	.93	300	187
	480		.46	.65	300	187
400 Watt High Pressure Sodium S-51	120	CWA	3.30	3.90	465	191
	208		1.80	2.25	465	191
	240		1.60	2.00	465	191
	277		1.40	1.70	465	191
	347		1.10	1.36	465	191
	480		.80	1.00	465	191
750 Watt High Pressure Sodium S-111	120	CWA	6.8	6.8	840	220
	208		4.0	4.0	840	220
	240		3.5	3.4	840	220
	277		3.1	3.0	840	225
	347		2.5	2.4	840	225
	480		1.8	1.7	840	225
	120	CWA	6.35	9.50	1100	440
	208		3.80	5.50	1100	440
	240		3.20	4.80	1100	440
	277		2.75	4.15	1100	440
	347		2.20	3.30	1100	440
	480		1.60	2.40	1100	440

Approved By: _____ Project Name: _____

Location: _____ Date: _____

METAL HALIDE BALLAST SPECIFICATION (Over 90% PF - 60 Cycle)						
LAMP WATTAGE AND TYPE ANSI NUMBER	PRIMARY VOLTAGE	CIRCUIT TYPE	MAXIMUM INPUT CURRENT - AMPS		INPUT WATTS	OPEN CIRCUIT VOLTAGE
			START/OPEN CIRCUIT	OPERATED		
50 Watt Metal Halide M-110	120	HX-HPF	1.16	.65	72	260
	208		.67	.35	72	260
	240		.57	.30	72	260
	277		.50	.30	72	260
	347		.43	.20	72	260
70 Watt Metal Halide M-98	120	HX-HPF	1.90	.85	90	255
	208		1.04	.50	90	255
	240		.90	.43	90	255
	277		.80	.40	90	255
	347		.65	.30	90	255
100 Watt Metal Halide M-90	120	HX-HPF	2.60	1.15	130	280
	208		1.50	.66	130	280
	240		1.30	.58	130	280
	277		1.15	.50	130	280
	347		.90	.38	130	280
175 Watt Metal Halide M-57	120	CWA	1.80	1.80	215	310
	208		1.10	1.10	215	310
	240		.90	.90	215	310
	277		.80	.80	215	310
	347		.65	.65	215	310
480	.51	.41	215	310		
250 Watt Metal Halide M-58	120	CWA	2.10	2.60	295	310
	208		1.48	1.50	295	310
	240		1.22	1.30	295	310
	277		1.12	1.12	295	310
	347		1.05	.90	295	310
480	.65	.65	295	310		
400 Watt Metal Halide M-59	120	CWA	3.40	4.00	458	310
	208		1.95	2.30	458	310
	240		1.70	2.00	458	310
	277		1.50	1.75	458	310
	347		1.25	1.40	458	310
480	.95	1.00	458	310		
1000 Watt Metal Halide M-47	120	CWA	8.00	9.20	1080	425
	208		4.90	5.30	1080	425
	240		4.00	4.60	1080	425
	277		3.50	4.00	1080	425
	347		2.50	3.20	1080	425
480	2.00	2.30	1080	425		

PULSE-START BALLAST SPECIFICATION						
LAMP WATTAGE AND TYPE ANSI NUMBER	PRIMARY VOLTAGE	CIRCUIT TYPE	MAXIMUM INPUT CURRENT - AMPS		INPUT WATTS	OPEN CIRCUIT VOLTAGE
			START/OPEN CIRCUIT	OPERATE		
175 Watt Pulse-Start Metal Halide M-137	120	Super CWA	2.20	1.80	208	265
	208		1.25	1.10	208	265
	240		1.10	.90	208	265
	277		.95	.80	208	265
250 Watt Pulse-Start Metal Halide M-138	120	Super CWA	2.75	2.50	288	265
	208		1.55	1.40	288	265
	240		1.40	1.30	288	265
	277		1.20	1.10	288	265
320 Watt Pulse-Start Metal Halide M-132	120	Super CWA	2.75	3.30	368	270
	208		1.60	1.90	368	270
	240		1.40	1.70	368	270
	277		1.20	1.40	368	270
	347		1.10	1.10	368	270
480	.85	.80	368	270		
400 Watt Pulse-Start Metal Halide M-135	120	Super CWA	4.20	4.00	452	265
	208		2.40	2.30	452	265
	240		2.10	2.00	452	265
	277		1.80	1.8	452	265
	347		1.50	1.40	450	265
480	1.00	1.00	452	265		
750 Watt Pulse-Start Metal Halide M-149	120	Super CWA	6.00	6.90	810	400
	208		3.50	4.00	810	400
	240		3.10	3.50	810	400
	277		2.70	3.00	810	400
	480		1.50	2.00	810	400
1000 Watt Pulse-Start Metal Halide M-141	120	Super CWA	7.80	9.00	1080	430
	208		4.00	5.20	1080	430
	240		3.70	4.50	1080	430
	277		2.90	3.80	1080	430
	347		2.25	3.20	1080	430
480	1.65	2.35	1080	430		

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