

H.I.D. BALLASTS (PULSE START METAL HALIDE BALLASTS)

BALLAST & FUSE CHART

PULSE START METAL HALIDE REFERENCE TABLE

LAMP WATTAGE	LAMP TYPE	BALLAST TYPE	POWER FACTOR	PRIMARY VOLTAGE	FUSE* (AMPS)	STARTING CURRENT (AMPS)	OPERATING CURRENT (AMPS)	OPEN CIRCUIT CURRENT	LINE INPUT WATTS	OPERATING VOLTAGE RANGE**	MINIMUM STARTING AMBIENT (°C)
150	M-102	HX	HPF	120	10	0.95	1.60	3.65	185	A	-30
				208	5	0.55	0.90	2.10	185	A	-30
				240	5	0.50	0.80	1.80	185	A	-30
				277	4	0.42	0.70	1.58	185	A	-30
150	M-102	CWA	HPF	120	5	0.95	1.75	1.40	189	B	-30
				277	2	0.40	0.76	0.60	189	B	-30
				347	2	0.30	0.62	0.48	189	B	-30
175	M-137	CWA	HPF	120	5	1.30	1.80	1.80	208	B	-30
				208	3	0.75	1.05	1.05	208	B	-30
				240	3	0.65	0.90	0.90	208	B	-30
				277	2	0.55	0.80	0.80	208	B	-30
200	M-136	CWA	HPF	120	6	1.20	2.00	2.20	232	B	-30
				208	4	0.70	1.15	1.25	232	B	-30
				240	3	0.60	1.00	1.10	232	B	-30
				277	3	0.55	0.85	0.95	232	B	-30
				480	2	0.50	0.50	0.50	232	B	-30
250	M-138	CWA	HPF	120	8	2.30	2.50	1.40	288	B	-30
				208	5	1.30	1.45	0.80	288	B	-30
				240	5	1.15	1.25	0.70	288	B	-30
				277	3	1.00	1.10	0.60	288	B	-30
320	M-132	CWA	HPF	120	8	1.80	3.25	2.30	368	B	-30
				208	8	1.05	1.90	1.35	368	B	-30
				240	5	0.90	1.65	1.15	368	B	-30
				277	3	0.80	1.40	1.00	368	B	-30
				480	3	0.80	0.80	0.80	368	B	-30
350	M-131	CWA	HPF	120	10	2.20	3.40	2.20	400	B	-30
				208	7	1.30	2.00	1.30	400	B	-30
				240	5	1.10	1.70	1.10	400	B	-30
				277	3	1.00	1.50	1.00	400	B	-30
				480	3	0.90	0.90	0.90	400	B	-30
400	M-135	CWA	HPF	120	10	2.85	3.90	2.20	452	B	-30
				208	7	1.65	2.20	1.50	452	B	-30
				240	5	1.45	1.90	1.10	452	B	-30
				277	5	1.25	1.65	0.95	452	B	-30
				480	3	1.00	1.00	1.00	452	B	-30
450	M-144	CWA	HPF	120	10	3.20	4.25	2.15	508	B	-30
				208	8	1.80	2.50	1.25	508	B	-30
				240	5	1.60	2.15	1.10	508	B	-30
				277	5	1.40	1.85	1.00	508	B	-30
				480	3	1.10	1.10	1.10	514	B	-30
750	M-149	CWA	HPF	120	20		7.0		812	B	-30
				208	10		4.0		812	B	-30
				240	10		3.5		812	B	-30
				277	8		3.0		812	B	-30
				480	5		2.0		818	B	-30
1000	M-141	CWA	HPF	120	20		9.20		1080	B	-30
				208	15		5.30		1080	B	-30
				240	10		4.60		1080	B	-30
				277	10		4.00		1080	B	-30
				480	6		2.30		1080	B	-30

*Type KTK fuse recommended.

**See table at lower right.

Remote ballast-to-lamp mounting distances for these ballasts are limited to two feet; this means that the ignitor must be mounted in the ballast housing.

Voltage Ranges (Volts)

A (5%)		B (10%)	
126 =	120 =	114	132 =
218 =	208 =	198	229 =
252 =	240 =	228	264 =
291 =	277 =	263	305 =
504 =	480 =	456	528 =
			480 =
			432