

HID HOT RESTRIKE TABLE

CONTROL GEAR RUN AND START CURRENTS FOR DAVIS LIGHTING PRODUCTS

HID Type	Magnetic Ballast Wattage	Amps at 50Hz, 220V		
		Start	Run	Hot Restrike
MH	70W	0.58	0.43	0.76
	100W	0.84	0.59	0.76
	150W	1.19	0.87	1.24
	250W	2.44	1.37	1.24
	400W	3.35	2.19	1.73
	1000W	8.62	5.29	4.49
MV	80W	0.65	0.45	0.55
	125W	1.23	0.70	0.69
	250W	2.36	1.37	1.24
	400W	3.97	2.18	1.73
HPS	70W	0.58	0.43	0.69
	100W	0.75	0.57	0.90
	150W	1.19	0.87	1.38
	250W	1.88	1.44	2.07
	400W	3.35	2.19	3.46
	1000W	7.57	5.34	6.91

HID Type	Magnetic Ballast Wattage	Amps at 50Hz, 230V		
		Start	Run	Hot Restrike
MH	70W	0.54	0.41	0.79
	100W	0.75	0.55	0.79
	150W	1.16	0.83	1.30
	250W	2.34	1.32	1.30
	400W	2.93	2.10	1.81
	1000W	8.13	5.07	4.70
MV	80W	0.68	0.43	0.58
	125W	1.18	0.67	0.72
	250W	2.34	1.32	1.30
	400W	3.37	2.04	1.81
HPS	70W	0.54	0.41	0.72
	100W	0.73	0.55	0.94
	150W	1.16	0.83	1.45
	250W	1.81	1.33	2.17
	400W	2.93	2.1	3.61
	1000W	7.36	5.12	7.23

HID Type	Magnetic Ballast Wattage	Amps at 50Hz, 240V		
		Start	Run	Hot Restrike
MH	70W	0.51	0.40	0.83
	100W	0.71	0.53	0.83
	150W	1.09	0.80	1.36
	250W	2.26	1.27	1.36
	400W	3.61	2.00	1.88
	1000W	7.51	4.88	4.90
MV	80W	0.79	0.52	0.60
	125W	1.13	0.65	0.75
	250W	2.26	1.27	1.36
	400W	3.61	2.00	1.88
HPS	70W	0.51	0.40	0.75
	100W	0.69	0.55	0.98
	150W	1.09	0.80	1.51
	250W	1.67	1.32	2.26
	400W	2.82	2.02	3.77
	1000W	6.55	4.91	7.54

Note: Hot Restrike will be present until lamp strikes. This can be up to 20 minutes depending on lamp and luminaire type

* Tables above are for reference only. Current may vary from ballast to ballast.