

## Venture Lighting - Recommended Dimming Capacitor Values for CWA Ballasts

Lamp Type	Ballast Part Number	Full Power Capacitance	~50 Dimming Capacitance	~50 Dimming Parallel Capacitor Combination	~50 Dimming Series Capacitor Combination	~70% Dimming Capacitance	~70 Dimming Parallel Capacitor Combination	~70 Dimming Series Capacitor Combination
125W PSMH M150	V90D8812, V90Y8811T, V90J8811	12MFD/300VAC	7.5MFD	Part#ACD0210V 7.5MFD/300VAC 4.5MFD/300VAC	12MFD/300VAC 20MFD/240VAC			
150W PSMH M102	V90D7110, V90Y7110T, V90J7110	16MFD/330VAC	10.5MFD	Part#ACD0200V 10.5MFD/330VAC 5.5MFD/330VAC	16MFD/330VAC 30.5MFD/240VAC			
175W PSMH M152/M137	V90D7211, V90D7210, V90Y7211T, V90Y7210T, V90J7210	12.5MFD/330VAC	8.5MFD	Part#ACD0090V 8.5MFD/330VAC 4MFD/330VAC	12.5MFD/330VAC 26MFD/240VAC			
200W PSMH M136	V90D7311, V90D7312, V90Y7311T, V90Y7312T	15MFD/330VAC	10MFD	Part#ACD0080V 10MFD/330VAC 5MFD/330VAC	15MFD/330VAC 30MFD/240VAC			
	V90D7310, V90Y7310T, V90J7310	16MFD/300VAC	11MFD	11MFD/300VAC 5MFD/300VAC	16MFD/300VAC 36MFD/240VAC			
200W PSMH Natural White	V90D7311, V90D7312, V90Y7311T, V90Y7312T	15MFD/330VAC				13MFD	Part#ACD0190V 13MFD/330VAC 2MFD/330VAC	15MFD/330VAC 100MFD/240VAC
210W PSMH	V90D5310, V90J5310, V90Y5310T	28MFD/330VAC	22MFD	Part#ACD0240V 22MFD/330VAC 6MFD/330VAC				
	V90D5311, V90J5311, V90Y5311T, V90AM5311	26MFD/330VAC	21MFD	Part#ACD0230V 21MFD/330VAC 5MFD/330VAC				
250W PSMH M153/M138	V90D8411, V90D8412, V90Y8411T, V90Y8412T, V90J8411	16MFD/370VAC	11MFD	Part#ACD0070V 11MFD/370VAC 5MFD/370VAC	16MFD/370VAC 35MFD/240VAC			
	V90D8410, V90J8410, V90Y8410T	15MFD/400VAC	10MFD	10MFD/380VAC 5MFD/380VAC	15MFD/380VAC 30MFD/240VAC			
250W PSMH Natural White	V90D8411, V90D8412, V90Y8411T, V90Y8412T, V90J8411	16MFD/370VAC				14MFD	Part#ACD0180V 14MFD/370VAC 2MFD/370VAC	16MFD/370VAC 100MFD/240VAC
320W PSMH M154/M132	V90D7413, V90D7412, V90D7411, V90J7411, V90Y7412T, V90Y7411T	22MFD/330VAC	14MFD	Part#ACD0060V 14MFD/330VAC 8MFD/330VAC	22MFD/330VAC 40MFD/240VAC			
320W PSMH Natural White	V90D7413, V90D7412, V90D7411, V90J7411, V90Y7412T, V90Y7411T	22MFD/330VAC				19.5MFD	Part#ACD0170V 19.5MFD/330VAC 2.5MFD/330VAC	22MFD/330VAC 170MFD/240VAC
350W PSMH M131	V90D7513, V90D7512, V90Y7513T, V90Y7512T, V90J7512	24.0MFD/330VAC	16MFD	Part#ACD0050V 16MFD/330VAC 8MFD/330VAC	24MFD/330VAC 48MFD/240VAC			
350W PSMH Natural White	V90D7513, V90D7512, V90Y7513T, V90Y7512T, V90J7512	24.0MFD/330VAC				20.5MFD	Part#ACD0160V 20.5MFD/400VAC 3.5MFD/400VAC	24MFD/400VAC 140MFD/240VAC
400W PSMH M155/M135	V90D7613, V90D7612, V90Y7613T, V90Y7612T, V90J7612	26MFD/400VAC	17MFD	Part#ACD0040V 17MFD/400VAC 9MFD/400VAC	26MFD/400VAC 52MFD/240VAC			
400W PSMH Natural White	V90D7613, V90D7612, V90Y7613T, V90Y7612T, V90J7612	26MFD/400VAC				22MFD	Part#ACD0150V 22MFD/400VAC 4MFD/400VAC	26MFD/400VAC 145MFD/240VAC
450W PSMH M144	V90D8512, V90Y8512T, V90J8511	32MFD/300VAC	22MFD	Part#ACD0100V 22MFD/330VAC 10MFD/330VAC	32MFD/300VAC 70MFD/240VAC			
575W PSMH M178	V90D5510, V90Y5510T, V90J5510	38MFD/330VAC	26MFD	Part#ACD0130V 26MFD/330VAC 12MFD/330VAC	38MFD/330VAC 82MFD/240VAC			
575W PSMH Natural White	V90D5510, V90Y5510T, V90J5510	38MFD/330VAC				32MFD	Part#ACD0140V 32MFD/330VAC 6MFD/330VAC	38MFD/330VAC 200MFD/240VAC
750W PSMH M149	V90D7910, V90Y7910T, V90J7910	24MFD/480VAC	16MFD	Part#ACD0110V 16MFD/480VAC 8MFD/480VAC	24MFD/480VAC 48MFD/240VAC	20MFD	20MFD/480VAC 4MFD/480VAC	24MFD/480VAC 120MFD/240VAC
775W PSMH Natural White M181	V90D9610, V90Y9610T, V90J9610, V90AM9610	22MFD/480VAC				18MFD	Part#ACD0120V 18MFD/525VAC 4MFD/525VAC	22MFD/525VAC 100MFD/240VAC

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875W PSMH M166	V90D8612, V90D8611, V90Y8612T, V90Y8611T, V90J8612, V90J8611, V90AM8610	22MFD/480VAC	15MFD	Part#ACD002OV 15MFD/480VAC 7MFD/480VAC	22MFD,480VAC 47MFD/240VAC	18MFD	Part#ACD012OV 18MFD/480VAC 4MFD/480VAC	22MFD/480VAC 100MFD/240VAC
1000W PSMH M141	V90D7811, V90D7810, V90Y7811T, V90Y7810T, V90J7811, V90J7810, V90AM7810	24MFD/480VAC	16MFD	Part#ACD011OV 16MFD/480VAC 8MFD/480VAC	24MFD/480VAC 48MFD/240VAC	19MFD	19MFD/480VAC 5MFD/480VAC	24MFD/480VAC 90MFD/240VAC
175W MH M57	V90D6111, V90D6112, V90J6111, V90J6112, V90Y6111T	10MFD/400VAC	7MFD	7MFD/400VAC 3MFD/400VAC	10MFD/400VAC 20MFD/240VAC			
250W MH M58 3x4 Core	V90D6211, V90D6211, V90Y6211	15MFD/360VAC	11MFD	11MFD/360VAC 4MFD/360VAC	15MFD/360VAC 42MFD/240VAC			
250W MH M58 4x4 Core	V90D6212, V90D6215, V90J6212, V90J6215, V90Y6212T, V90AM6215	15MFD/400VAC	11MFD	11MFD/400VAC 4MFD/400VAC	15MFD/400VAC 42MFD/240VAC			
400W MH M59	V90D6413, V90D6414, V90J6413, V90J6414, V90Y6413T, V90AM6411	24MFD/360VAC	17MFD	17MFD/360VAC 7MFD/360VAC	24MFD/360VAC 58MFD/240VAC			
1000W MH M47	V90D6514, V90D6517, V90J6514, V90J6517, V90Y6514T, V90Y6517T, V90D6516,	24MFD/480VAC	16MFD	Part#ACD011OV 16MFD/480VAC 8MFD/480VAC	24MFD,480VAC 48MFD/240VAC	19MFD	19MFD/480VAC 5MFD/480VAC	24MFD/480VAC 90MFD/240VAC
250W HPS S50	V90D1711, V90Y1711T, V90J1711	35MFD/280VAC	28MFD					
400W HPS S51	V90D1912, V90Y1912T, V90J1911	55MFD/280VAC	43.5MFD					
1000W HPS S52	V90D2315, V90Y2311T, V90J2310	26MFD/525VAC	19MFD	Part#ACD022OV 19MFD/525VAC 7MFD/525VAC				