



**PRODUCT SPECIFICATION BULLETIN**

M138 & M153 MH250W  
 75838-M250MULTI5PSKIT  
 Class 200°C (N) 60Hz CWA  
 Pulse Start Metal Halide Lamp

Input Volts (Volts)	120	208	240	277	480	4¼ x 4¼ CORE, CWA			
<b>Line Current (Amps)</b>									
Nominal Operating	2.70	1.55	1.35	1.15	0.65				
Max. Open Circuit	2.40	1.40	1.20	1.05	0.60				
Regulation									
Line Volts	±10%								
Lamp Watts	±8%								
<b>UL Temperature Ratings</b>									
Insulating Class	N							mm	
Coil Temperature Code	A	A	A	A	A				
Nominal Input Watts (W)	300								
Nominal Open Circuit Voltage (Volts)	270								
Power Factor	90%								
Current Crest Factor	1.65					A	45		
Input Voltage At Lamp Dropout (Volts)	96	166	192	222	384	B	93		
Min. Ambient Starting Temp.	-40°C					C	108		
<b>60Hz TEST PROCEDURES</b>									
High Potential Test (Volts)						D	98		
1 Minute	2000					E	110		
1 Second	2500					F	120		
Open Circuit Voltage Test (Volts)						Capacitor Model: HQCS-15			
Min.	243					Temp Rating	-40°C~105°C		
Max.	311					Height	90 mm		
Short Circuit Current Test (Amps)						Width	45 mm		
Secondary Current Min	2.10								
Max	3.15								
Recommended Fuse (Amps)	8	5	4	3	2				
Weight (kG)									
Lead Lengths (mm)	250~350								
<b>CAPACITOR Specifications</b>									
Microfarads (µF)	15							Ignitor Model: HQIG-3MCL	
Volts(Min.) (Volts)	540					Temp Rating	-40°C~105°C		
<b>IGNITOR Specifications</b>									
Max. Input Voltage To Reference Ballast (Volts)	108	187	216	249	432	A: 65mm	B: 10mm		
Pulse Height Scope	3.0~4.0kV					C: 32mm	D: 29mm		
Min.Pulse Width@2.70kV (µS)	1.80								