



**PRODUCT SPECIFICATION BULLETIN**

M102&142 MH150W  
 75716-HQ120460MH150LTHCA  
 Class 200°C (N) 60Hz HX-HPF  
 Pulse Start Metal Halide Lamp

Input Volts (Volts)						277		240		208		120		<b>3x4 CORE, HX-HPF</b>			
<b>Line Current (Amps)</b>																	
Nominal Operating						1.660		0.960		0.830		0.720					
Max. Open Circuit						3.600		2.077		1.800		1.550					
Regulation																	
Line Volts								±5%									
Lamp Watts								±10%									
<b>UL Temperature Ratings</b>																	
Insulating Class								N									
Coil Temperature Code						A		A		A		A					
Nominal Input Watts (W)								193									
Nominal Open Circuit Voltage (Volts)								255									
Power Factor								90%									
Current Crest Factor								1.65									
Input Voltage At Lamp Dropout (Volts)						102		177		204		235		A 57			
Min. Ambient Starting Temp.								-40°C						B 91			
<b>60Hz TEST PROCEDURES</b>														C 72			
High Potential Test (Volts)														D 62			
1 Minute								2000						E 90			
1 Second								2500						F 100			
Open Circuit Voltage Test (Volts)														Capacitor Model: HQCC-16/300			
Min.								230						Temp Rating -40°C~105°C			
Max.								293						Height 70 mm			
Short Circuit Current Test (Amps)														Width 40 mm			
Secondary Current Min								1.80									
Max								2.70									
Recommended Fuse (Amps)						5		4		3		2					
Weight (kG)																	
Lead Lengths (mm)								250~350									
<b>CAPACITOR Specifications</b>																	
Microfarads (µF)								16									
Volts (Min.) (Volts)								300						Ignitor Model: HQIG-3MCL			
<b>IGNITOR Specifications</b>														Temp Rating -40°C~105°C			
Max. Input Voltage To Reference Ballast (Volts)						108		187		216		249		A: 65mm		B: 10mm	
Pulse Height Scope								3~4kV						C: 32mm		D: 29mm	
Min. Pulse Width @2.7kV (µS)								1.8									