



PRODUCT SPECIFICATION BULLETIN

S51 LU400W
 75729-HQ120560HPS400LTI
 Class 200°C (N) 60Hz CWA
 High Pressure Sodium Lamp

Input Volts (Volts)	120	208	240	277	480	4 1/4 x 4 3/4 CORE, CWA														
Line Current (Amps)																				
Nominal Operating	4.000	2.300	2.000	1.700	0.980															
Max. Open Circuit	3.000	1.730	1.500	1.280	0.740															
Regulation																				
Line Volts	±10%					<table border="1"> <tr> <td>A</td> <td>70</td> <td rowspan="6">mm</td> </tr> <tr> <td>B</td> <td>114</td> </tr> <tr> <td>C</td> <td>108</td> </tr> <tr> <td>D</td> <td>98</td> </tr> <tr> <td>E</td> <td>110</td> </tr> <tr> <td>F</td> <td>120</td> </tr> </table>		A	70	mm	B	114	C	108	D	98	E	110	F	120
A	70	mm																		
B	114																			
C	108																			
D	98																			
E	110																			
F	120																			
Lamp Watts	±13%																			
UL Temperature Ratings																				
Insulating Class	N																			
Coil Temperature Code	A	A	A	A	A															
Nominal Input Watts (W)	465																			
Nominal Open Circuit Voltage (Volts)	200																			
Power Factor	90%																			
Current Crest Factor	1.65																			
Input Voltage At Lamp Dropout (Volts)	90	156	180	208	360	Capacitor Model: HQCC-55														
Min. Ambient Starting Temp.	-40°C					Temp Rating: -40°C~105°C														
60Hz TEST PROCEDURES						Height: 90 mm														
High Potential Test (Volts)						Width: 55 mm														
1 Minute	2000																			
1 Second	2500																			
Open Circuit Voltage Test (Volts)																				
Min.	180																			
Max.	230																			
Short Circuit Current Test (Amps)																				
Secondary Current Min	4.60																			
Max	6.90																			
Recommended Fuse (Amps)	12	7	6	5	3															
Weight (kG)	7.40																			
Lead Lengths (mm)	250~350																			
CAPACITOR Specifications																				
Microfarads (µF)	55					Ignitor Model: HQIG-3MCM														
Volts (Min.) (Volts)	250					Temp Rating: -40°C~105°C														
IGNITOR Specifications						A: 51mm														
Max. Input Voltage To Reference Ballast (Volts)	108	187	216	249	432	B: 10mm														
Pulse Height Scope	2.50~4.00kV					C: 32mm														
Min.Pulse Width @2.25kV (µS)	1.00					D: 29mm														