

S100MLTLC3M

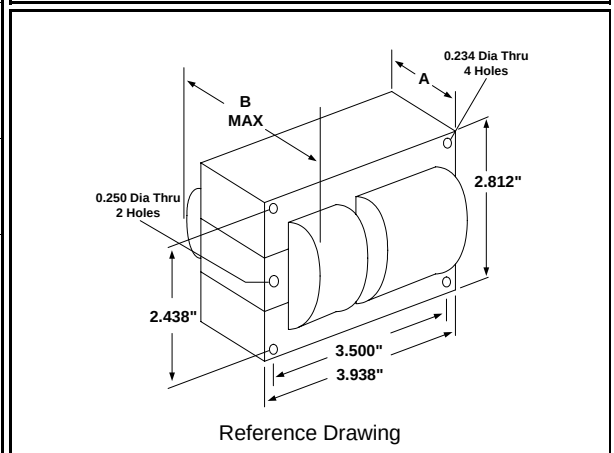
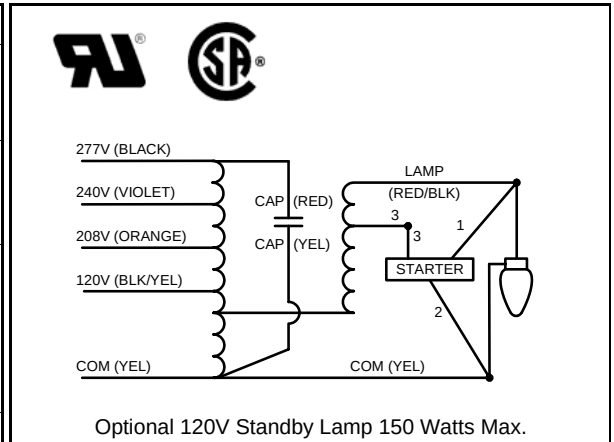
100W S54

High Pressure Sodium

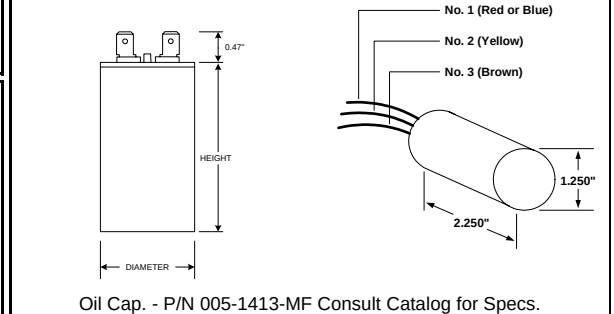
60Hz HX-HPF

Specification Sheet

Input Volts	120	208	240	277	
Regulation					
Line Volts	±5%	±5%	±5%	±5%	
Lamp Watts	±10%	±10%	±10%	±10%	
Power Factor (min)	90%	90%	90%	90%	
Input Watts	122 W	122 W	122 W	122 W	
NOM. Open Circuit Voltage	120 V	120 V	120 V	120 V	
Line Current (Amps)					
Operating	1.12	0.65	0.60	0.52	
Open Circuit	2.20	1.30	1.10	0.95	
Starting	0.80	0.55	0.41	0.35	
Recommended Fuse (Amps)	7	5	3	3	
Lamp Dropout Voltage (Line)	96 V	166 V	192 V	222 V	
UL Temperature Ratings					
Insulation Class	H (180°C)	H (180°C)	H (180°C)	H (180°C)	
Temperature Code	B	B	B	B	
MIN. Starting Temperature	-40°F -40°C	-40°F -40°C	-40°F -40°C	-40°F -40°C	
CAPACITOR Specifications					
Microfarads	10 uf	10 uf	10 uf	10 uf	
Volts (min.)	280 V	280 V	280 V	280 V	
60Hz Test Procedures					
High Potential Test 1 Minute	2000 V	2000 V	2000 V	2000 V	
High Potential Test 1 Second	2500 V	2500 V	2500 V	2500 V	
Secondary Open Ckt Voltage (V)	110 - 130	110 - 130	110 - 130	110 - 130	
Secondary Current Shorted (A)	2.60 - 3.20	2.60 - 3.20	2.60 - 3.20	2.60 - 3.20	
Input Operating Current (A)	1.02 - 1.24	0.59 - 0.72	0.55 - 0.67	0.47 - 0.58	
Input Open Circuit Current (A)	1.10 - 3.15	0.65 - 1.86	0.55 - 1.57	0.48 - 1.36	
Input Short Circuit Current (A)	0.66 - 1.00	0.36 - 0.55	0.32 - 0.50	0.26 - 0.42	
Core and Coil Specifications					
Dimension A	2.00 in	2.00 in	2.00 in	2.00 in	
Dimension B	3.36 in	3.36 in	3.36 in	3.36 in	
Weight	6.00 lbs	6.00 lbs	6.00 lbs	6.00 lbs	
Lead Lengths (inches)	12-14	12-14	12-14	12-14	
Coil Material (Pri. / Sec.):	Cu / Cu	Cu / Cu	Cu / Cu	Cu / Cu	



Capacitor: R17058517	Ignitor: HPS150-3A
Max Case Temp: 100 °C	Max Case Temp 105 °C
Height: 2.83 in	BTL: 10 ft
Width / Diameter: 1.26 in	



Oil Cap. - P/N 005-1413-MF Consult Catalog for Specs.

Data is based upon tests performed by Universal Lighting Technologies in a controlled environment and is representative of relative performance. Actual performance may vary depending on operating conditions. Specifications are subject to change without notice.

Universal Lighting Technologies

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