

S250ML5AC40

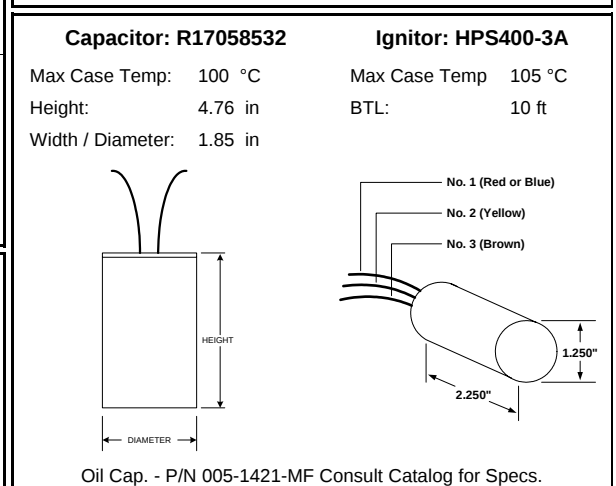
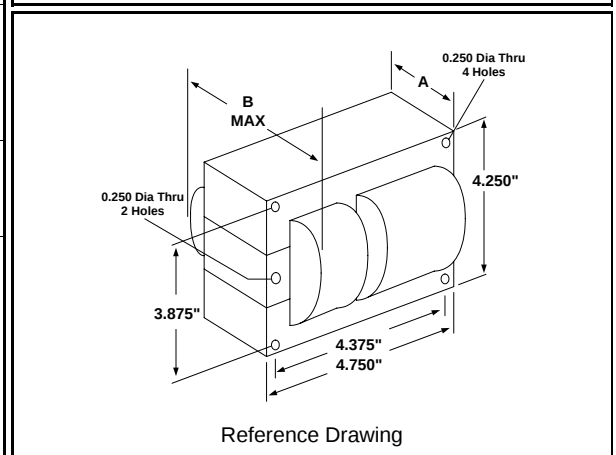
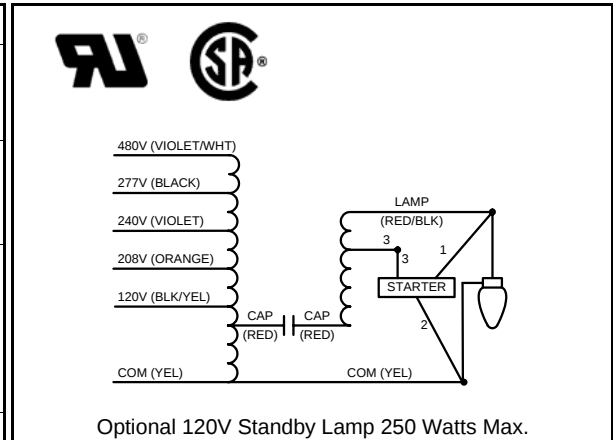
250W S50

High Pressure Sodium

60Hz CWA

Specification Sheet

Input Volts	120	208	240	277	480
Regulation					
Line Volts	±10%	±10%	±10%	±10%	±10%
Lamp Watts	±10%	±10%	±10%	±10%	±10%
Power Factor (min)	90%	90%	90%	90%	90%
Input Watts	300 W	300 W	300 W	300 W	300 W
NOM. Open Circuit Voltage	188 V	188 V	188 V	188 V	188 V
Line Current (Amps)					
Operating	2.50	1.55	1.25	1.05	0.65
Open Circuit	1.55	0.95	0.80	0.65	0.40
Starting	1.55	0.95	0.80	0.65	0.40
Recommended Fuse (Amps)	8	4	4	3	2
Lamp Dropout Voltage (Line)	85 V	150 V	170 V	200 V	340 V
UL Temperature Ratings					
Insulation Class	H (180°C)	H (180°C)	H (180°C)	H (180°C)	H (180°C)
Temperature Code	C	C	B	B	B
MIN. Starting Temperature	-40°F -40°C	-40°F -40°C	-40°F -40°C	-40°F -40°C	-40°F -40°C
CAPACITOR Specifications					
Microfarads	35 uf	35 uf	35 uf	35 uf	35 uf
Volts (min.)	240 V	240 V	240 V	240 V	240 V
60Hz Test Procedures					
High Potential Test 1 Minute	2000 V	2000 V	2000 V	2000 V	2000 V
High Potential Test 1 Second	2500 V	2500 V	2500 V	2500 V	2500 V
Secondary Open Ckt Voltage (V)	165 - 210	165 - 210	165 - 210	165 - 210	165 - 210
Secondary Current Shorted (A)	3.60 - 4.50	3.60 - 4.50	3.60 - 4.50	3.60 - 4.50	3.60 - 4.50
Input Operating Current (A)	2.20 - 2.70	1.40 - 1.70	1.05 - 1.35	0.95 - 1.20	0.55 - 0.70
Input Open Circuit Current (A)	0.80 - 2.30	0.50 - 1.50	0.40 - 1.15	0.30 - 0.95	0.20 - 0.60
Input Short Circuit Current (A)	1.00 - 1.70	0.55 - 0.95	0.50 - 0.85	0.40 - 0.75	0.25 - 0.45
Core and Coil Specifications					
Dimension A	1.95 in	1.95 in	1.95 in	1.95 in	1.95 in
Dimension B	3.70 in	3.70 in	3.70 in	3.70 in	3.70 in
Weight	11 lbs	11 lbs	11 lbs	11 lbs	11 lbs
Lead Lengths (inches)	12-14	12-14	12-14	12-14	12-14
Coil Material (Pri. / Sec.):	Cu / Al	Cu / Al	Cu / Al	Cu / Al	Cu / Al



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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.

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