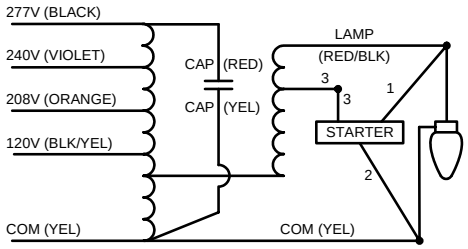
M100MLTLC30

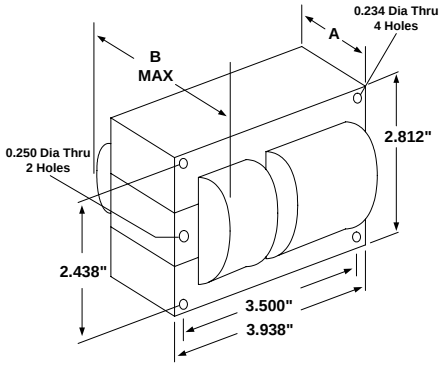
100W M90 / M140
Metal Halide
60Hz HX-HPF

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	127 W	127 W	127 W	127 W	
NOM. Open Circuit Voltage	260 V	260 V	260 V	260 V	
Line Current (Amps)					
Operating	1.15	0.65	0.55	0.50	
Open Circuit	2.60	1.55	1.30	1.15	
Starting	1.20	0.70	0.60	0.50	
Recommended Fuse (Amps)	8	5	4	4	
Lamp Dropout Voltage (Line)	95 V	165 V	185 V	210 V	
UL Temperature Ratings					
Insulation Class	H (180°C)	H (180°C)	H (180°C)	H (180°C)	
Temperature Code	C	C	B	B	
MIN. Starting Temperature	-22°F -30°C	-22°F -30°C	-22°F -30°C	-22°F -30°C	
CAPACITOR Specifications					
Microfarads	12 uf	12 uf	12 uf	12 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)	235 - 285	235 - 285	235 - 285	235 - 285	
Secondary Current Shorted (A)	1.45 - 1.80	1.45 - 1.80	1.45 - 1.80	1.45 - 1.80	
Input Operating Current (A)	1.05 - 1.25	0.60 - 0.70	0.50 - 0.60	0.45 - 0.55	
Input Open Circuit Current (A)	1.30 - 3.70	0.75 - 2.20	0.65 - 1.85	0.55 - 1.65	
Input Short Circuit Current (A)	0.80 - 1.35	0.50 - 0.85	0.40 - 0.70	0.35 - 0.65	
Core and Coil Specifications					
Dimension A	1.50 in	1.50 in	1.50 in	1.50 in	
Dimension B	2.80 in	2.80 in	2.80 in	2.80 in	
Weight	4.5 lbs	4.5 lbs	4.5 lbs	4.5 lbs	
Lead Lengths (inches)	12-14	12-14	12-14	12-14	
Coil Material (Pri. / Sec.):	Cu / Al	Cu / Al	Cu / Al	Cu / Al	



Optional 120V Standby Lamp 150 Watts Max.



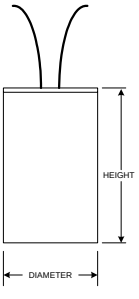
Reference Drawing

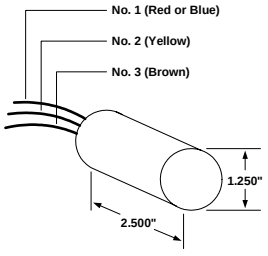
Capacitor: R17058536

Max Case Temp:	100 °C
Height:	2.83 in
Width / Diameter:	1.65 in

Ignitor: MH100-3A

Max Case Temp	105 °C
BTL:	10 ft





Oil Cap. - P/N 005-1467-MF Consult Catalog for Specs.

Document #:	010-13664-00
Date:	12/30/2010
Status:	Production
Replaces Catalog #:	New Design

A

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.

12/30/2010

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