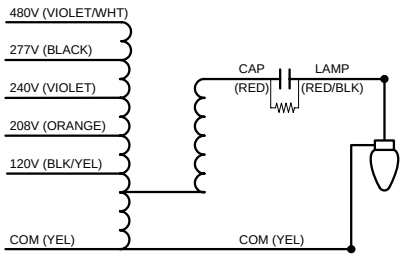
M250ML5AC3M

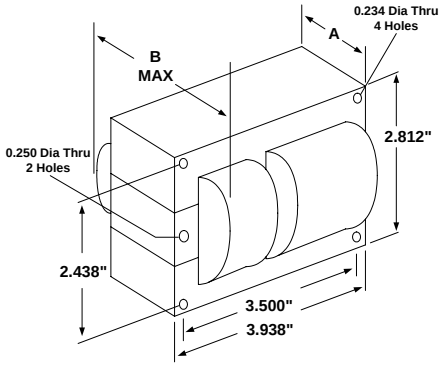
250W M58
Metal Halide
60Hz CWA

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	295 W	295 W	295 W	295 W	295 W
NOM. Open Circuit Voltage	285 V	285 V	285 V	285 V	285 V
Line Current (Amps)					
Operating	2.50	1.40	1.25	1.10	0.65
Open Circuit	2.10	1.20	1.10	1.05	0.55
Starting	1.70	1.00	0.85	0.70	0.45
Recommended Fuse (Amps)	8	5	4	4	2
Lamp Dropout Voltage (Line)	65 V	105 V	125 V	150 V	260 V
UL Temperature Ratings					
Insulation Class	H (180°C)	H (180°C)	H (180°C)	H (180°C)	H (180°C)
Temperature Code	A	A	B	C	B
MIN. Starting Temperature	-22°F -30°C	-22°F -30°C	-22°F -30°C	-22°F -30°C	-22°F -30°C
CAPACITOR Specifications					
Microfarads	15 uf	15 uf	15 uf	15 uf	15 uf
Volts (min.)	400 V	400 V	400 V	400 V	400 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)	255 - 315	255 - 315	255 - 315	255 - 315	255 - 315
Secondary Current Shorted (A)	2.10 - 2.60	2.10 - 2.60	2.10 - 2.60	2.10 - 2.60	2.10 - 2.60
Input Operating Current (A)	2.25 - 2.75	1.25 - 1.55	1.15 - 1.40	1.00 - 1.20	0.60 - 0.70
Input Open Circuit Current (A)	1.05 - 3.00	0.6 - 1.70	0.55 - 1.60	0.50 - 1.50	0.30 - 0.80
Input Short Circuit Current (A)	1.25 - 2.15	0.75 - 1.25	0.65 - 1.10	0.55 - 0.90	0.30 - 0.55
Core and Coil Specifications					
Dimension A	3.00 in	3.00 in	3.00 in	3.00 in	3.00 in
Dimension B	4.50 in	4.50 in	4.50 in	4.50 in	4.50 in
Weight	9.2 lbs	9.2 lbs	9.2 lbs	9.2 lbs	9.2 lbs
Lead Lengths (inches)	12-14	12-14	12-14	12-14	12-14
Coil Material (Pri. / Sec.):	Cu / Cu	Cu / Cu	Cu / Cu	Cu / Cu	Cu / Cu



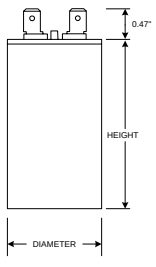
Optional 120V Standby Lamp 250 Watts Max.



Reference Drawing

Capacitor: R17058562 **Ignitor: None**

Max Case Temp:	100 °C
Height:	3.82 in
Width / Diameter:	1.65 in



This Ballast does not require a Ignitor

Oil Cap. - P/N 005-1185-MF Consult Catalog for Specs.

Document #:	010-13701-00
Date:	3/13/2011
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.

3/1/2011

Universal Lighting Technologies

26 Century Blvd. Suite 500 - Nashville, TN 37214

Phone 1-800-225-5278 Fax 1-800-206-0035

www.unvlt.com