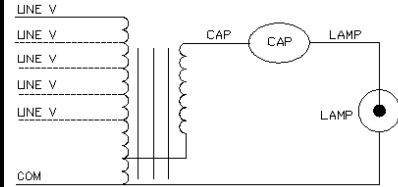




<b>Input Volts</b>		120	208	240	277	480
<b>Circuit Type</b>	CWA					
<b>Power Factor</b>	0.97					
<b>Regulation</b>						
Line Volts	± 10 %					
Lamp Watts	+ 8.5 % - 9.0 %					
<b>Line Current (Amps)</b>						
Operating		1.85	1.05	0.92	0.82	0.48
Open Circuit		2.50	1.40	1.25	1.20	0.65
Starting		0.75	0.44	0.38	0.33	0.20
Recommended Fuse		5	3	3	2	1.5
<b>UL Temperature Ratings</b>						
Insulation Class	H (180°C)					
Coil Temperature Code		B	A	A	B	A
Benchtop Coil Rise Primary		78	72	72	76	69
Benchtop Coil Rise Secondary		79	-	-	-	72
<b>Input Watts</b>		211	209	209	210	209
<b>NOM Open Circuit Volts</b>	295					
<b>Current Crest Factor</b>	1.58					
<b>Input Voltage at Lamp Dropout</b>		60	104	120	135	240
<b>Min Ambient Starting Temp.</b>	-20°F -30°C					
<b>High Potential Test (Volts)</b>						
1 Minute	2000					
1 Second	2400					
<b>Open Circuit Voltage Test (Volts)</b>						
Open Circuit Voltage	265 - 325					
Input Current	min	1.85	1.05	0.95	0.90	0.45
	max	3.15	1.75	1.60	1.50	0.80
<b>Short Circuit Current Test (Amps)</b>						
Secondary Current	1.5 - 1.8					
Input Current	min	0.40	0.25	0.20	0.15	0.10
	max	0.70	0.40	0.35	0.25	0.20
<b>Core and Coil Specifications</b>						
Dimension A"	2.75					
Dimension B"	4.0					
Weight (lbs.)	8.3					
Lead Lengths (in)	12					
<b>Capacitor Specifications</b>						
Microfarads	10					
Volts (min.)	400					
	<b>Oval OIL Filled</b>	<b>DRY Film</b>				
Case Size (in.)	1.75	1.5				
Height ( in.)	2.9	3.72				
Temp Rating °C	90	100				
<b>Starter Specifications</b>						
Model Number	Not used					
BTL	-					
Temp Rating °C	-					

Wiring Diagram Number  
1091-912000-007



Outside Dimensions Drawing  
1080-046589-003

ISO-View of Core Coil  
1091-912002-001  
1091-912002-009

Oil Capacitor Can Drawing  
1011-007500-003

Dry Capacitor Can Drawing  
1012-007500-001

Starter Case Drawing None



Specifications subject to change without notice.



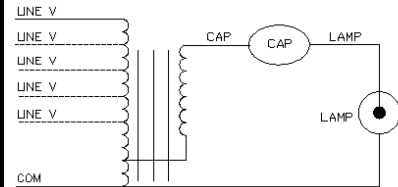
HOWARD INDUSTRIES, INC.  
Magnetic Ballast Products Division

Model: M0175-81C-211□  
Standard Metal Halide

175 Watts M57  
60 Hz CWA

<b>Input Volts</b>		120	208	240	277	480
<b>Circuit Type</b>	CWA					
<b>Power Factor</b>	0.97					
<b>Regulation</b>						
Line Volts	± 10 %					
Lamp Watts	+ 8.5 % - 9.0 %					
<b>Line Current (Amps)</b>						
Operating		1.85	1.05	0.92	0.82	0.48
Open Circuit		2.50	1.40	1.25	1.20	0.65
Starting		0.75	0.44	0.38	0.33	0.20
Recommended Fuse		5	3	3	2	1.5
<b>UL Temperature Ratings</b>						
Insulation Class	H (180°C)					
Coil Temperature Code		B	A	A	B	A
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<b>Input Watts</b>		211	209	209	210	209
<b>NOM Open Circuit Volts</b>	295					
<b>Current Crest Factor</b>	1.58					
<b>Input Voltage at Lamp Dropout</b>		60	104	120	135	240
<b>Min Ambient Starting Temp.</b>	-20°F -30°C					
<b>High Potential Test (Volts)</b>						
1 Minute	2000					
1 Second	2400					
<b>Open Circuit Voltage Test (Volts)</b>						
Open Circuit Voltage	265 - 325					
Input Current	min	1.85	1.05	0.95	0.90	0.45
	max	3.15	1.75	1.60	1.50	0.80
<b>Short Circuit Current Test (Amps)</b>						
Secondary Current	1.5 - 1.8					
Input Current	min	0.40	0.25	0.20	0.15	0.10
	max	0.70	0.40	0.35	0.25	0.20
<b>Core and Coil Specifications</b>						
Dimension A"	2.75					
Dimension B"	4.0					
Weight (lbs.)	8.3					
Lead Lengths (in)	12					
<b>Capacitor Specifications</b>						
Microfarads	10					
Volts (min.)	400					
	<b>Oval OIL Filled</b>	<b>DRY Film</b>				
Case Size (in.)	1.75	1.5				
Height ( in.)	2.9	3.72				
Temp Rating °C	90	100				
<b>Starter Specifications</b>						
Model Number	Not used					
BTL	-					
Temp Rating °C	-					

Wiring Diagram Number  
1091-912000-007



Outside Dimensions Drawing  
1080-046589-003

ISO-View of Core Coil  
1091-912002-001  
1091-912002-009

Oil Capacitor Can Drawing  
1011-007500-003

Dry Capacitor Can Drawing  
1012-007500-001

Starter Case Drawing None



Rev. Date: NEW 6/24/03

Test Ref.: UL

Specifications subject to change without notice.

Howard Industries, Inc. Ballast Products Division P.O. Box 1590 Laurel, MS 39441  
Phone: 1-800-956-3456 Fax: (601) 422-1652 www.howard-ballast.com