



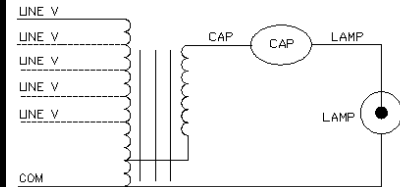
HOWARD INDUSTRIES, INC.
Magnetic Ballast Products Division

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

175 Watts M57
60 Hz CWA

Input Volts		120	208	240	277	480
Circuit Type	CWA					
Power Factor	0.97					
Regulation						
Line Volts	± 10 %					
Lamp Watts	+ 8.5 % - 9.0 %					
Line Current (Amps)						
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
UL Temperature Ratings						
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
Input Watts		211	209	209	210	209
NOM Open Circuit Volts	295					
Current Crest Factor	1.58					
Input Voltage at Lamp Dropout		60	104	120	135	240
Min Ambient Starting Temp.	-20°F -30°C					
High Potential Test (Volts)						
1 Minute	2000					
1 Second	2400					
Open Circuit Voltage Test (Volts)						
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
Short Circuit Current Test (Amps)						
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
Core and Coil Specifications						
Dimension A"	2.75					
Dimension B"	4.0					
Weight (lbs.)	8.3					
Lead Lengths (in)	12					
Capacitor Specifications						
Microfarads	10					
Volts (min.)	400					
	Oval OIL Filled	DRY Film				
Case Size (in.)	1.75	1.5				
Height (in.)	2.9	3.72				
Temp Rating °C	90	100				
Starter Specifications						
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



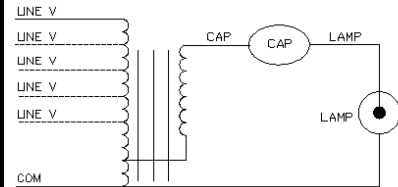
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1091-912002-009

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Dry Capacitor Can Drawing
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Starter Case Drawing None



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